Coordinated Water System Plan
Part III: Final Integrated Report

Western Public Water Supply Management Area

May 22, 2018

MILONE & MACBROOM®

Engineering | Planning | Landscape Architecture | Environmental Science

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Part III: Final Integrated Report

Western Public Water Supply Management Area

May 22, 2018

Prepared for:

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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 (DPH). Points of view or opinions expressed in this document are those of the Western Water Utility Coordinating Committee and do not necessarily represent the official position or policies of the EPA or the Connecticut DPH.

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Connecticut Department of Public Health	Pomperaug River Watershed Coalition
Connecticut General Assembly	RCAP Solutions
Connecticut Office of Policy & Management	Rivers Alliance
Connecticut Public Utilities Regulatory Authority	Tata & Howard
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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.

Available Water – Per RCSA Section 25-32d-1a(4), the maximum amount of water a company can dependably supply, taking into account the following reductions applied to safe yield: any limitations imposed by hydraulics, treatment, well pump capabilities, reductions of well yield due to clogging that can be corrected with redevelopment, transmission mains, permit conditions, source construction limitations, approval limitations, or operational considerations; and the safe yield of active sources and water supplied according to contract provided that the contract is not subject to cancellation or suspension, assures the availability of water throughout a period of drought, and that the supply is reliable.

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 (ESA) – An area where public water is supplied, or will be supplied, by one system. ESA boundaries comprise Part II of the areawide supplement. As part of the ESA assignment process, all existing public water systems automatically receive an ESA 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 ESA for areas currently unserved by public water systems; this is described in more detail in the Coordinated Water System Plan, Part II document published in June 2017.

Exclusive Service Area (ESA) Designation – The combination of the ESA holder and associated ESA boundaries.

Exclusive Service Area (ESA) Holder – A utility or municipality who has been assigned or recommended an ESA that includes areas not presently served by its existing system.

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 IV of the areawide supplement.

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

DEFINITIONS (CONTINUED)

Public Water Supply Management Area (PWSMA) – 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 (PWS) – 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:

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 (such as students or employees) 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.

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, convenience store, small restaurant, or campground where people do not remain for long periods of time.

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.

Safe Yield – The maximum dependable quantity of water per unit of time that may flow or be pumped continuously from a source of supply during a critical dry period without consideration of available water limitations. The safe yield calculation for a source does not take into consideration any potential impacts to the environment.

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 CWS of an existing system. Colloquially, a non-connected community or non-community public water system owned by a public water service provider.

DEFINITIONS (CONTINUED)

Water Supply Assessment (WSA) – An evaluation of water supply conditions and problems within the PWSMA. The evaluation is Part I of the areawide supplement.

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

ABBREVIATIONS

A4WE	Alliance for Water Efficiency
ADD	Average Day Demand
AMI	Advanced Metering Infrastructure
AMR	Automatic Meter Reading
APA	Aquifer Protection Area
ASRWWA	Atlantic States Rural Water and Wastewater Association
AWC	Aquarion Water Company
AWWA	American Water Works Association
BFE	Base Flood Elevation
CAT	Capacity Assessment Tool
CEPA	Connecticut Environmental Policy Act
cfs	cubic feet per second
CGS	Connecticut General Statute(s)
CIRCA	Connecticut Institute for Resilience and Climate Adaptation
COGs	Councils of Government
CPCN	Certificate of Public Convenience and Necessity
CT SDC	Connecticut State Data Center
CWC or CTWC	Connecticut Water Company
CWS or CWSs	Community Water System(s)
CWSP or CWSPs	Coordinated Water System Plan(s)
DEEP	Department of Energy & Environmental Protection
DPH	Department of Public Health
DWQMP	Drinking Water Quality Management Plan
DWSRF	Drinking Water State Revolving Fund
EPA	Environmental Protection Agency
ESA or ESAs	Exclusive Service Area(s)
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FIRM	Flood Insurance Rate Map
FOIA	Freedom of Information Act
GMP	Growth Management Principle
gpcd	gallons per capita per day
gpd	gallons per day
MCL	Maximum Contaminant Level
MDC	Metropolitan District Commission
MetroCOG	Metropolitan Region Council of Governments
mgd	million gallons per day
MMADD	Maximum Month Average Day Demand
MMI	Milone & MacBroom, Inc.
MOS	Margin of Safety
NDDB	Natural Diversity Database
NFIP	National Flood Insurance Program
NHCOG	Northwest Hills Council of Governments
NTNC	Non-Transient Non-Community

ABBREVIATIONS (Continued)

NVCOG	Naugatuck Valley Council of Governments
OPM	Office of Policy and Management
PCB	Poly-Chlorinated Biphenyls
PDD	Peak Day Demand
POCD or POCDs	Plan(s) of Conservation and Development
PURA	Public Utilities Regulatory Authority
PWS	Public Water System
PWSMA	Public Water Supply Management Area
RCSA	Regulations of Connecticut State Agencies
RGQ80	Rearing and Growth 80% duration flow
SCCOG	Southeastern Connecticut Council of Governments
SCCRWA	South Central Connecticut Regional Water Authority
SFHA	Special Flood Hazard Area
STEAP	Small Town Economic Assistance Program
SWAP	Source Water Assessment Program
TNC	Transient Non-Community
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEDA	United States Economic Development Administration
USGS	United States Geological Survey
WestCOG	Western Connecticut Council of Governments
WICA	Water Infrastructure and Conservation Adjustment
WPCA	Water Pollution Control Authority
WSA	Water Supply Assessment
WSP or WSPs	Water Supply Plan(s)
WUCC or WUCCs	Water Utility Coordinating Committee(s)

1.0 INTRODUCTION

1.1 Overview of Integrated Report

The Coordinated Water System Plan (CWSP) for the Western Public Water Supply Management Area (PWSMA) in Connecticut is comprised of the individual water supply plans (WSPs) of the public water systems within the PWSMA that serve over 1,000 people or have 250 or more service connections, and an areawide supplement that includes a Water Supply Assessment (WSA), delineation of Exclusive Service Area (ESA) boundaries, an Integrated Report, and an Executive Summary. The subject document, *Final Integrated Report*, is the third of four components of the areawide supplement and is intended to serve as a long-term planning tool for the Western PWSMA.

Section 25-33h-1 of the Regulations of Connecticut State Agencies (RCSA) requires each Water Utility Coordinating Committee (WUCC) to prepare an Integrated Report. Whereas the WSA process was an inventory of existing conditions and identification of issues, deficiencies, and needs, and the ESA process delineated service area providers to meet potential future needs, the subject *Integrated Report* analyzes future conditions in recognition of the newly established and historical ESA boundaries.

The regulations define the 5-, 20-, and 50-year planning horizons. The 5-year horizon is projected from the time of the CWSP development (2018), which in this case would be the year 2023. The 20- and 50-year planning horizons are projected from the last U.S. census, or 2010. Accordingly, the 20- and 50-year planning horizons are 2030 and 2060, respectively.

Per the regulations, the Integrated Report must contain the following:

- Population and consumption projections for 5-, 20-, and 50-year planning periods for the PWSMA as a whole and for each town within the area;
- Projected population, and historical and projected water demand by user category (e.g., residential) for the 5-, 20-, and 50-year planning periods for each public water system's ESA and for the combined service areas (each PWSMA overseen by a WUCC);
- Sources of supply, safe yield, and amounts of purchased water available for 5, 20, and 50-year planning periods for each public water system's ESA and for the combined service areas (each PWSMA overseen by a WUCC);
- Determination of the amount and percentage of projected population within each town within the PWSMA to be serviced by public water supplies for 5-, 20-, and 50-year planning periods (effect of population growth, decline, etc. on public water supply need);
- Identification of areas not within ESA boundaries and discussion of water supply alternatives;
- Discussion of the relationship and compatibility of the coordinated water system plan with proposed or adopted land use plans and growth policies, as reflected in local, regional, and state plans. Consideration should be given to both protection and development of public water supply sources and to availability of public water service;

- Evaluation and identification in priority order of alternative water sources recommended to supply future areawide water system needs. Include appropriate ground or surface water studies, safe yield estimates, and arrangement for development (supply and treatment) and delivery of the water supply;

- Plans for any necessary interconnection of both raw and treated water between public water systems for both daily and emergency water supply use;

- A plan for joint use, management, or ownership of services, equipment, or facilities (e.g., for emergency use);

- A plan for satellite management or transfer of ownership;

- Provisions for minimum design standards applicable to all water system improvements and all new public water systems within the management area (e.g., suggested technical standards and details);

- Presentation of financial data as related to areawide issues such as interconnections, shared or joint use facilities, regional projects, and information not included in individual water system plans; and

- Consideration of the potential impacts of the CWSP on other uses of water resources, including water quality, flood management, recreation, hydropower, and aquatic habitat issues.

In December 2016, the Western WUCC published its WSA, which identified the following issues, needs, and deficiencies to be addressed in the Integrated Report:

Sources of Supply
- Future Supply Sources
- Impacts of Climate Change
- Impacts of Current Streamflow Regulations
- Impact of Future Anticipated Regulations
- Source Water Protection
- Compromised Groundwater Quality
- Environmental Concerns Associated with Water Withdrawals

Planning
- Coordination of Water Utility Planning
- Coordination of Planning between Utilities and Communities
- Disjointed Service Areas
- Use of Current Data

Interconnections
- Development of New Interconnections
- Movement of Water through Interconnections

Small Water Systems
- Challenges of Operating Small Systems
- New Public Water Systems

- Viability of Small Water Systems

Water Usage

- High Water Usage by Agricultural, Industrial, and Power Generation Facilities
- Declining Revenue and Increasing Costs
- Increasing Ratio of Peak-Day Demands to Average-Day Demands
- Replacement of Infrastructure
- Lack of Fire Protection
- Lack of Funding
- Water Conservation
- Enactment of Voluntary and Mandatory Conservation Measures

The above issues are addressed in the following document is organized as follows:

- Section 1 presents an overview of the integrated planning process, the composition of the region, and organization of the plan and documents the public involvement process.

- Section 2 provides the context and coordination of planning within the region, explores existing and future water conservation practices, evaluates the potential impact of existing and future policies and regulations, and examines climate change and resiliency.

- Section 3 presents an areawide overview of the region, including town populations, populations served, existing and future demands, available water and forecasted deficits, and potential solutions of forecasted deficits.

- Section 4 evaluates satellite management and small system challenges.

- Section 5 presents an analysis of existing and potential system-specific and regional interconnections, including the manner in which interconnections are regulated and permitted.

- Section 6 explores the management and ownership of services, equipment, and facilities, including shared or joint use facilities and asset management.

- Section 7 presents a region-wide analysis of alternative future water supply sources, as well as a plan for potential land acquisition for the protection of stratified drift wells.

- Section 8 presents an analysis of the potential impact of the coordinated system plan on other uses of water resources.

- Section 9 presents a discussion of minimum design standards.

- Section 10 evaluates the compatibility of existing land uses and zoning with existing and potential future water supply source development.

- Section 11 presents a summary of planning cost estimates for plan implementation and evaluates potential funding sources.

- Section 12 presents a summary of recommendations and prioritization.

The Western PWSMA has inherited the Integrated Reports for the former Housatonic PWSMA, Upper Connecticut River PWSMA, and South Central PWSMA developed under Connecticut General Statutes (CGS) Section 25-33h-1. These reports were consulted as part of the current effort.

The subject document was prepared by Milone & MacBroom, Inc. (MMI) in coordination with the Western WUCC. For an overview of the full planning process, please refer to Section 1 of the *Final Water Supply Assessment* dated December 2016 for the Western PWSMA, an electronic copy of which is hosted on the Connecticut Department of Public Health (DPH) website under the Western WUCC webpage. In addition, please refer to the *Final Exclusive Service Area Boundaries* document dated June 2017, also hosted on the Western WUCC webpage.

1.2 Overview of the Western Public Water Supply Management Area

The Western PWSMA encompasses 64 towns within four councils of government (Northwest Hills, Naugatuck Valley, Metropolitan Connecticut, and Western). The boundaries of the PWSMA are generally defined by the Massachusetts state boundary to the north, the New York state boundary to the west, Long Island Sound to the south, and the Central PWSMA to the east. The towns within the Western PWSMA are listed in Table 1-1, with towns along the boundary called out with an asterisk as these communities may coordinate on water supply issues with local governments or utilities in the Central PWSMA.

TABLE 1-1
Western PWSMA Towns

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

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

The Western Connecticut PWSMA consists of 928 public water systems as of September 20, 2017. Refer to Appended Figure 1 for a map depicting the general location of these systems. Of these:

- 178 are regulated as Community Water Systems (CWSs).
- 193 are regulated as Non-Transient Non-Community (NTNC) water systems.
- 557 are regulated as Transient Non-Community (TNC) water systems.

1.3 Public Comments

A *Preliminary Integrated Report and Preliminary Executive Summary* for the Western PWSMA was issued for public comment as required by statute on March 21, 2018 with comments accepted through April 20, 2018. A public notice was issued in the Danbury News-Times on March 21, 2018 and La Voz Hispana on March 22, 2018, along with being posted on the DPH website. The documents were made available electronically on the DPH website and a hardcopy was made available for inspection at the DPH Drinking Water Section located at 410 Capitol Avenue in Hartford, Connecticut from 8:30 am to 4:30 pm.

The public comment period was concurrent with those for the *Preliminary Integrated Reports and Preliminary Executive Summaries* for the Central PWSMA and the Eastern PWSMA. The list of comments received during the public comment period are presented in Table 1-2, with written comments presented in Appendix A along with an indication of how and where edits were made to address the comments. Note that comments received by other WUCC regions have been included below when those comments were also applicable to the Western PWSMA.

TABLE 1-2
Summary of Comments Received on the Preliminary Integrated Report and Preliminary Executive Summary during Public Comment Period

Date	Commenter	Main Points
3/14/2018	Southeastern Connecticut Council of Governments#	▪ Suggestions for mitigating planning disconnect between utilities and municipalities ▪ Concurrence with several suggested recommendations ▪ Recommend that utilities work with municipalities and not COGs to address best management practices for green infrastructure and stormwater management design
3/16/2018	DPH	▪ Announcement of Sanitary Survey website, capacity assessment questionnaire, and water demand / flow rate request
3/22/2018 4/1/2018 4/3/2018	Woodlake Tax District	▪ Question regarding source of ADD for Woodlake Tax District ▪ Question regarding source of available water calculation for Woodlake Tax District ▪ Updated available water calculation for Western Integrated Report
3/26/2018	Mr. Mark Widomski	▪ Concern regarding post-development impacts following sale of water company land ▪ Need to protect more watershed land ▪ Need to encourage water conservation ▪ Suggested pathway forward to improve irrigation flow controls on the utility side

TABLE 1-2
Summary of Comments Received on the Preliminary Integrated Report and Preliminary Executive Summary during Public Comment Period

Date	Commenter	Main Points
4/18/2018	DEEP	▪ Concurrence with recommendations regarding refinement of projected demands, adjustments to the methodology for calculation of available water, the use of interconnections, meeting with regulatory agencies early in the source development process, and continued coordination and work with state agencies on drought management and water conservation to improve water efficiency ▪ Identified 16 clarifications to improve the quality of the report
4/19/2018	Town of Marlborough#	▪ Requested that the capacity assessment tool score map be made an exhibit ▪ Requested that Table D-1 be sorted by Town and then system, rather than by system ▪ Encouraged consolidation of NTNC and TNC systems and more oversight by ESA holders
4/20/2018	Ms. Judy Allen#	▪ Requested expansion of the climate change discussion to include more discussion of potential impacts of climate change on utilities and the environment ▪ Suggested that the worst drought on record is 2016, and to not rely on the characteristics of previous droughts to predict future droughts
4/20/2018	DPH	▪ Concurred that water utilities should reevaluate and update future available water and demand projections which may be out of date ▪ Encouraged the WUCCs to foster and support aggressive interagency planning between utilities, COGs, and municipalities regarding future water planning strategies ▪ Encouraged the WUCCs to explore water efficiency and conservation and how they can help develop efficiency projects, initiatives, and conservation ▪ Encouraged the WUCCs to continue to develop strategies to involve and educate small community and NTNC systems ▪ Encouraged utilities to fund resiliency projects and to explore joint development of new sources ▪ Encouraged the Drinking Water Quality Management Planning process to improve source water protection in watersheds ▪ Encouraged the WUCCs to coordinate with the Drinking Water State Revolving Fund to facilitate regional infrastructure and small system projects
4/26/2018*	Pomperaug River Watershed Coalition	▪ Noted that the recommendations do not address presently stressed basins as identified in the proposed *State Water Plan* ▪ Suggested that the WUCC develop a process on how to address stressed basins when considering future capital projects and development of new public water systems, specifically the use of future sub-regional basin analyses

Notes: # indicates a comment received by the Central or Eastern WUCC deemed applicable to the Western PWSMA
* indicates a comment received outside of the public comment period as authorized at the April 24, 2018 meeting of the Western WUCC.

2.0 CONTEXT AND COORDINATION OF PLANNING

The purpose of the CWSP, and therefore the WUCCs, is codified in CGS Section 25-33c as being "*to maximize efficient and effective development of the state's public water supply systems*," a charge that specifically includes that such development be performed with "*a minimum of loss and waste*." Similarly, the WUCCs are charged with conducting the required planning necessary to meet codified goals, with emphasis on water conservation and avoidance of duplication of service. This section provides a context for regional planning, describes existing and future anticipated planning challenges, evaluates water conservation, and offers recommendations for the region moving forward.

2.1 Coordination of Planning

2.1.1 Disjointed Service Areas

As identified in the Western region WSA, numerous communities are served by multiple public water systems (whether privately owned, municipal, or regional), many of which are widely dispersed throughout each community. This in itself is not necessarily a problem that requires a solution, but it limits the options for assisting certain small, dispersed systems that may have challenges meeting their technical, managerial, and financial capacity needs.

In many cases, public water systems are located proximal to one another but not interconnected, which can result in higher cost of operation, lack of efficiency, lack of redundancy of supply, and nominal resilience to natural disasters and climate change. The December 2016 Water Supply Assessment identified small public water systems in close proximity to other systems (within 1,000 feet) that had potential for system consolidation (Appended Table 1 of that document). This included large and small CWSs as well as non-community systems (both transient and non-transient).

In some cases, the cost for a customer to purchase water can be significantly more expensive in one system than the other system despite the customers' proximity. This issue was discussed in the *Final Recommended Exclusive Service Area Boundaries* (June 2017), which provided a comparison of potential costs for water service across the region. The issue is largely an artifact of the fragmented nature of water service; many other types of utilities (e.g., electric cable, gas) are typically serve larger geographic areas such that the disparity in cost is not as apparent due to rate equalization. Regardless of rates, any system must cover its full costs of water service.

For large public water systems (i.e., those serving greater than 1,000 customers or 250 service connections), disjointed service areas are less of an issue. Rather, such a situation is more common in communities that are largely unserved by large systems, where proliferation of small community and non-community systems has occurred. There is no formal mechanism for coordination of planning among these systems beyond the WUCC process, and the majority of small systems have largely not participated in the WUCC process in any meaningful way. This topic is evaluated further in Section 4.0, including recommendations for future initiatives.

2.1.2 Planning and Coordination among Public Water Systems

Coordination of planning activities has long been a challenge for water utilities, which in part led to Public Act 85-535 establishing the WUCC process. Significant efforts have been made since 1985 to encourage planning by water utilities, including regulatory measures (e.g., Water Supply Planning regulations and WUCC regulations), and assistance from professional organizations (e.g., Connecticut Water Works Association, the Connecticut Section of the American Water Works Association (AWWA), the Atlantic States Rural Water & Wastewater Association (ASRWWA), etc.).

In the years since the Bioterrorism Act of 2002 and throughout the revision and updates to water utility Emergency Contingency Plans, many larger water utilities have made significant advancements in emergency planning in conjunction with other utilities and the communities they serve through memorializing mutual aid agreements and formalizing other forms of cooperation such as the CT WARN program. Additional coordination between CWSs with respect to various aspects of water supply, such as shared use of equipment and technical staff, is also desirable from a financial operational, and planning perspective. This topic is discussed in more detail in Section 6.0.

> It is important to remember that ESA boundaries in the region, while final, are not necessarily permanent. Procedures exist for the modification of such boundaries, and such modification should be encouraged by the WUCC when it is sensible to do so from a water supply planning perspective. See Section 5.2.1 for an example.

Improved coordination has the potential to greatly benefit smaller systems that may not have the financial ability to purchase equipment such as that required for spill response or emergency power. With the assignment of ESAs to the majority of the state, the previous uncertainty regarding the maximum extent of future service areas has been mitigated, and ESA holders are now aware of their responsibilities and appropriate procedures when a project is proposed in the region. Finally, a key benefit of improved coordination among water utilities is the potential to establish a more organized and holistic approach to the exploration of future water supplies and interconnections. For example, creation of small consecutive water systems may be able to be avoided through modification of ESA boundaries. Regular WUCC meetings will continue to provide an opportunity for such regional discussions to occur.

2.1.3 Planning Between Local Governments and Public Water Systems

Water systems typically approach planning in a nuanced way. When it comes to sources of supply, many utilities have historically been very proactive in securing supply sources or potential supply locations that they may not need for many decades in the future. This stance has carried over into water supply planning, where projections performed by water utilities may be conservatively high in relation to development potential in a community. This is done in order to ensure that proper planning is being conducted to secure additional supply in advance of potential demand occurring.

However, when it comes to providing service to new customers, water utilities are generally reactive despite the planning that was devoted to the water supply planning process. This is due in large part to the cost-intensive nature of new utility plant additions and regulatory concerns over speculative investments. As a consequence, ESA holders generally rely on local planners and regulators to determine when a development may be built and typically rely on developers or other agencies to fund the design, permitting, and construction of water main extensions or new satellite systems. However,

utilities also occasionally fund their own projects to consolidate satellite systems, eliminate dead-end pipes that reduce water quality, and interconnect with other systems to increase system redundancy. Such projects may be coordinated with local planning agencies.

The disjointed planning processes between water supply planning and local and regional land use planning efforts has long been recognized. Utilities review local plans of conservation and development (POCDs), and historically, WSPs were available for review at each water utility office and at the offices of the DPH. However, the Bioterrorism Act of 2002 resulted in access to such plans being greatly limited for security purposes. While regional planners largely continued to have access to WSPs, and some utilities continue to make plans available to municipal planners and local health directors upon request, the practice is not universal and some local planners have not typically had access to such plans over the last 15 years. In addition, accessing any information from such plans from DPH required a request under the Freedom of Information Act (FOIA), and much of the information eventually provided was heavily redacted out of an abundance of caution.

Public Act 17-211 became effective on July 1, 2017 and encourages public access to water supply planning information. To accomplish this goal, any WSP submitted after July 1, 2017 is required to be accompanied by a redacted version of such plan that omits any information related to the following topics that are considered confidential and not subject to disclosure under the FOIA. Such confidential information includes the following:

- Security-related documentation and training procedures;
- Emergency contingency plans and preparedness plans; incident management, mitigation, and recovery plans, and the like, except for drought management and response plans which must be disclosed;
- Design drawings and maps showing the specific location of infrastructure, provided the general location of water mains, wells, and interconnections is disclosed;
- Dam specifications, construction details, and emergency action plans related to dam failure response;
- Building floor or structural plans;
- Network topology maps;
- Specific locations of or specifications regarding electrical power, standby generators, and fuel systems, except that general information regarding such may be disclosed;
- Operational specifications, schematics, and procedures related to water and sewage treatment plant processes and the use of chemicals, except that a general description of such treatment plant may be disclosed;
- Logs detailing movement or assignment of personnel;
- Distribution system hydraulic models; and
- Any other record if there are reasonable grounds to believe that the disclosure of such record may result in a safety risk, as determined by the Connecticut Department of Administrative Services.

An additional issue identified by DPH concerns small water systems. While large water systems and utilities typically communicate and coordinate with local emergency personnel on a routine basis (particularly fire departments in regard to hydrant use), small privately owned systems typically do not have that same level of communication. As a result, while the large system may be identified as critical infrastructure for local emergency response planning and prioritized for power restoration during outages, the smaller isolated systems are not typically prioritized for such response. This is of particular

significance as many small public water systems do not have backup power. Small public water systems are encouraged to reach out to municipal staff and electrical providers to ensure that their systems are prioritized for power restoration. This topic is revisited in Section 4.4.

It is the intent of the WUCC that this CWSP will help to assist and inform local planners as to the status of water supply planning in their communities, the parties responsible for conducting such planning at the WUCC level, the responsible public water systems and local governments assigned to provide new public water supply to residents where needed, and the regional goals for public water systems moving forward. As WSPs are updated and submitted over the next decade, water planning information related to water use and movement for each large public water system will become more accessible. This will help local and regional planners to understand current system extents, enhance the ability of local planners to work with public water systems to ensure that water service is provided to areas of need, including areas where fire protection is desired or needs improvement, and foster appropriate economic development. Increasing the data available to local and regional planners is expected, in turn, to improve working relationships between utility and municipal staff and help to increase utility knowledge of potential future projects being considered by developers.

2.1.4 Source Water Protection

The WUCC promotes the adoption of best management practices for the use of green infrastructure in stormwater management design by local communities, particularly when stormwater could affect a source of supply. Utilities should continue outreach to local officials, staff, and commissions regarding this topic.

Many environmental groups have urged the WUCC to protect Connecticut's environment and maintain pure drinking water supplies. Protection of the environment and protection of water supply sources in many ways are mutually beneficial. Source protection and environmental conservation, for instance, are harmonious throughout many drinking water supply watersheds and aquifers used for water supply. Wellhead and watershed protection for both existing and future supply sources has made significant progress in the past 15 to 20 years with completion of the Source Water Assessment Program (SWAP), completion of the majority of the Level A mapping, and full implementation of the Aquifer Protection Area (APA) regulations.

Nevertheless, continued land development and the need to address issues that cross-jurisdictional boundaries are of particular interest regarding watershed lands, especially for systems with contributing watershed areas that span more than one community. In particular, the WUCC is concerned with the potential impact of development on stormwater quality in reservoir watersheds. While DPH has promoted a program to assess systems that cross town boundaries (known as the Drinking Water Quality Management Plan [DWQMP] process) and address protection of drinking water supplies on a regional scale, there has been little traction for using this unique collaborative approach in the state with only one such plan completed to date.

The protection of watersheds is critical for source protection but is challenging when land is not owned by the utility or held by others for conservation purposes. Encouraging low amounts of development and conservation of existing large protected water-sheds is a regional goal, with the DWQMP process as a potential solution.

In some areas, it is recognized that source water protection goals may be counter to a community's economic goals, particularly when development is desired within a reservoir watershed. Moving forward, the WUCC should encourage this type of planning for

those systems with reservoir watersheds spanning multiple communities with limited utility ownership relative to sizes of the watershed (such as Waterbury Water Department, Aquarion Water Company (AWC), Winsted Water Works, and the Metropolitan District Commission (MDC). The DWQMP developed for Groton Utilities resulted in proposed zoning changes in Groton and Ledyard in order to provide land use controls that were protective of the reservoir watersheds. The DWQMP process would further help achieve recommendations contained in the *State Water Plan* (January 2018) relative to land protection for preserving water quality.

> Better collaboration between utilities and local plowing contractors, public works staff, and state Department of Transportation staff is necessary to minimize chloride impacts on public water supply sources.

In addition to local land use controls, WUCC members are concerned with the impacts of plowing and application of road salt and sand. The use of road salt has become more prevalent in recent winters for pretreatment and in-storm treatment of roadways, raising the concentration of chlorides running off into streams tributary to reservoirs and within recharge areas for public water supply aquifers. States such as New Hampshire have developed programs to certify plowing staff as using environmentally friendly winter maintenance practices in return for limited liability protection, and a similar program may be of interest in Connecticut.

A specific issue related to watershed development identified by WUCC members includes the state's Affordable Housing Appeals Procedure (CGS 8-30g). The concern is that the law as written does not give consideration to source water protection as it allows for higher density development to occur in watershed areas that may be zoned for lower density uses.

There are also concerns regarding the limited ability of public water systems to prevent activities on private property that could lead to reservoir or aquifer contamination. While utilities are authorized to enter and inspect premises within public water supply source areas per CGS 25-51, they have no enforcement power and must appeal to DPH to investigate and issue a state order, to the superior court to request a court order, or to the local director of health in order to eliminate any nuisance likely to pollute such water. Each method is potentially lengthy and potentially costly to the utility. It was noted, for example, that local land use commissions are heavily involved in enforcing groundwater APA regulations but do little in the way of enforcing watershed protection or source water areas for public wells not mapped under the APA program. The WUCC will continue to be a forum where potential regulatory changes to alleviate these issues may be discussed.

2.1.5 Drought Planning and Response

As noted above, Public Act 17-211 requires that drought planning and response procedures developed by public water systems be available to the public. Large public water systems that are required to undertake water supply planning have developed drought planning and response plans as part of their emergency contingency plans, which will need to be decoupled from those plans moving forward. Currently, the drought planning and response plans developed by public water systems are either based on the WSP regulations (RCSA Section 25-32d-3) or the parameters identified in the 2003 *Connecticut Drought Preparedness and Response Plan* prepared by the Interagency Drought Work Group, although some drought response plans appear to rely on parameters and the five-stage response protocols that predate the 2003 document and the current edition of the WSP regulations.

For public water systems primarily reliant on reservoir sources, the volume of storage in the reservoir is typically utilized to define the criteria for each drought stage. Public water systems primarily reliant on groundwater sources typically use the amount of storage in a primary storage tank over a period of days, or a combination of precipitation and groundwater levels, to define the criteria for each drought stage.

The four drought stages in the water supply planning regulations with water demand reduction goals from the 2003 *Connecticut Drought Preparedness and Response Plan* include the following:

- "Advisory" with a voluntary 10% reduction goal for residents and organizations;
- "Watch" with a voluntary 15% reduction goal for residents and organizations;
- "Warning" with a voluntary 20% reduction goal for residents, organizations, and state agencies; and
- "Emergency" with a Governor-mandated 25% reduction in water use by residents, businesses, and state agencies.

Utilities have strengthened these goals where appropriate. For example, many utilities identify the 20% reduction goal under Drought Warning to be mandatory as utilities have found that a better reduction in demand is realized when mandatory water use restrictions are enacted. In addition, some utilities also define and utilize an "Alert" cautionary stage to prepare internally for implementation of voluntary and mandatory water use restrictions. The Interagency Drought Work Group has been working on an update to the 2003 plan. The current draft of the update available at the time of writing was dated June 29, 2016, and includes the following drought stages (in increasing severity): "Heightened Awareness"; "Below Normal Conditions"; "Moderate Drought"; "Severe Drought"; and "Extreme Drought". These proposed classifications are intended to align more closely with United States Drought Monitor terminology and limit confusion with any individual utility drought statuses.

As noted above, some water utilities utilize the older five-stage method with the following water conservation criteria:

- "Alert", which does not include a reduction goal;
- "Advisory" with a voluntary 10% reduction goal;
- "Emergency Phase I" with a voluntary 15% reduction goal;
- "Emergency Phase II" with a voluntary 20% reduction goal; and
- "Emergency Phase III" with water rationing.

In the Western PWSMA, there are nine large utilities that currently utilize the older five-stage drought method (Bethel Water Department, Bristol Water Department, Candlewood Shores Taxing District, Heritage Village Water Company, New Hartford WPCA, Norwalk First Taxing District, South Norwalk Electric & Water, Torrington Water Company, and Winsted Water Works).

The drought of 2015-2016 raised public awareness of voluntary and mandatory water use restriction measures, which are enacted by many utilities to reduce demands during a drought. Typically, such reductions are requested on a percentage basis for each customer. One issue raised by the public as part of the recent widely reported and protested commercial bottling plant in Bloomfield was whether commercial/industrial users should be completely shut off prior to limiting water for residential customers. Utilities typically request reductions from all users concurrently. Many utilities have Emergency Contingency Plans which focus water restriction enforcement on high-volume users by

recommending more frequent (weekly) meter readings of high-volume customers when water use restrictions are requested or mandated, and requiring large customers to file a water conservation "plan of action" with the utility to demonstrate how that customer will reduce its water usage to the requested percentage.

It has long been recognized that water utilities, particularly non-municipal (regional and investor-owned) utilities, have limited methods to enforce voluntary and mandatory water use restrictions. Several utilities have noted that high volume accounts sometimes have no interest in conserving water; some residential accounts are simply willing to pay for irrigation water regardless of water conservation surcharges and voluntary or mandatory conservation requests. In some cases, residential developments have requirements to maintain green lawns as part of the ownership contract, and homeowners feel that compliance with the local requirement is more important than the restrictions put in place by a utility.

As noted in the 2003 *Connecticut Drought Preparedness and Response Plan*, municipal authority may be necessary to locally enforce any measures, but many municipalities do not have local ordinances in place to ensure proper implementation of water use restrictions during droughts and other emergencies. To that end, a model ordinance was developed to encourage adoption of these policies at the local level, but few municipalities have adopted the model ordinance. The model ordinance includes examples of banned uses, the procedures for announcing the need for conservation measures, and procedures for issuing fines or even curtailment of service. Because of concerns over the administrative procedures needed to enact such ordinances and potential inconsistency between local ordinances when served by a single utility, legislative authority for water utilities to enforce restrictions may be warranted. In addition, specific language prohibiting enforcement of "green lawn" requirements during declared droughts may be necessary. Finally, local zoning could be used to require that any new construction connected to a public water system with significant outdoor water use needs development file a drought management plan with the local utility.

> In the Western PWSMA, municipal drought ordinances have been successful. This occurred through municipal interest prior to the drought of 2015-2016 (e.g., in Greenwich), as well as during reaction to the drought of 2015-2016 (in Stamford, Darien, and New Canaan).

For reservoir systems, the number of days of supply remaining has been suggested by some water utilities as a method that could potentially be used for determining drought stage criteria in conjunction with the percentage of storage remaining. For the purposes of an Emergency Contingency Plan, the number of days of supply remaining to be utilized should be tied to a relatively predictable withdrawal number for a reservoir system, such as maximum month average day demand (MMADD) or MMADD from a year with a similar drought (although it is recommended that a utility consider different scenarios of water usage during an actual event). There are several reasons for this suggestion:

- For some storage-rich systems, a Drought Emergency could be issued under the current plans despite the system having more than 300 days of supply remaining, and there is concern that this could result in increased political pressure to not request or mandate "emergency" water conservation measures given the amount of supply available.

- The use of MMADD (a relatively high sustained withdrawal figure) for calculating the number of days of supply remaining would provide a baseline against which users in a system could be encouraged for their conservation efforts. Projecting that a system has 90 days of supply remaining but then still

having 80 days of supply remaining a month later despite minimal rainfall can provide quantitative reinforcement to a community of the positive effects being developed.

- Furthermore, such a procedure could standardize the drought triggers between utilities utilizing reservoirs. The volume of reservoir storage between utilities vastly differs, but a method based on the days of supply remaining would provide consistency for state agencies attempting to understand the status of multiple public water systems across the state. For example, DPH would immediately understand that a utility entering a Drought Warning was projecting a certain amount of days of supply remaining regardless of the size of the system or storage available. One challenge to overcome for some systems would be developing appropriate triggers in light of potential reductions in streamflow releases required under the Streamflow Standards and Regulations (see Section 2.3). Mass-balance or other predictive modeling may be required to set triggers under this method.

While there are some benefits to this suggestion, it may not be applicable or appropriate for the majority of water systems across the state which rely upon groundwater supplies. Furthermore, given the unpredictable nature of drought (in terms of timing, duration, and severity), use of a risk-based approach may be appropriate based on historical drought data inputs and the projected frequency of hitting drought triggers. A variety of mass balance modeling approaches along this vein are presently under consideration by utilities.

At this time, the WUCC defers to the agencies and organizations working on drought response planning, such as the Connecticut Section of the American Water Works Association, the Connecticut Water Works Association, the Interagency Drought Workgroup, the Water Planning Council, and others for further consideration of this issue. A delicate balance must be achieved where activating drought triggers can ensure that water is properly conserved but where activation does not result in trigger "fatigue" among end users who become immune to constant announcements of rapidly changing levels of requested and mandatory water use restrictions. The WUCC meetings will continue to be an excellent place for utilities, planners, and others to come together to discuss and debate this topic. Ideally, DPH will provide guidance to water utilities regarding *how* to set triggers rather than specifying what the triggers should be.

2.2 Water Conservation

Connecticut's water utilities have been planning for and successfully accomplishing water conservation[1] since the 1980s. Large water utilities have now prepared at least three or four editions of water conservation plans in their individual WSPs, focusing on supply management and demand management as stipulated in the regulations. Likewise, the previous CWSPs completed by the four previous WUCCs (Upper Connecticut, South Central, Housatonic, and Southeast) focused on supply side management and demand side management, citing many of the same conservation tools as the individual WSPs.

[1] Per RCSA Section 25-32d-1a(8), water conservation means measures designed to promote efficient use of water and to eliminate waste of water. Thus, it includes policies, strategies, and activities designed to promote reduced water usage on a temporary or permanent basis, which could include such things such as rain water harvesting, public outreach campaigns, tiered water rates, use of xeriscaping, low flow plumbing technology, water reuse, reduction of waste, etc.

In the last 15 years, water utilities have made great strides in supply conservation with advances in source metering, filter backwash recycling, leak detection, and water main replacement. Unaccounted-for water figures have decreased in many public water systems as noted in Table 2-5 of the WSA report. Many utilities have reduced unaccounted-for water to less than 15%, and some have reached levels below 10% including AWC – Main, AWC – New Milford, AWC – Newtown, Bristol Water Department, New Hartford WPCA, and Torrington Water Company.

Significant gains have been made in demand management as well. Residential retrofit programs were helpful in the 1980s and 1990s, with new plumbing fixtures and appliances being much more water-efficient than the older equivalents, leading to some remarkably low per-capita figures as presented in Table 2-5 of the WSA report. Many water systems are experiencing demands in the range of 40 to 60 gallons per capita per day (gpcd) such as AWC systems in Litchfield, New Milford, and Newtown; Connecticut Water Company (CWC) in its Central, Terryville, and Thomaston systems; and Danbury Water Department, Wolcott Water Department, Watertown Fire District, and Watertown Water and Sewer. Customer meters have been replaced in many systems, and utilities such as MDC are moving to monthly billing to better demonstrate use trends and patterns to their customers.

> Some large systems with low per-capita demands have relatively high nonrevenue water figures while some systems with high per-capita demands have relatively low nonrevenue figures. This presents a challenge for those systems as they must strive to correctly account for consumed and lost water while reducing both.

Despite these successes, further improvements to the methods and practices for promoting and achieving the conservation of water are believed necessary. The WSA report identified three pressing issues related to water conservation in the Western PWSMA and statewide:

- Significant conservation measures have been enacted over the years, such that additional top-down water conservation efforts by a utility may have a minimal return. While all of the larger utilities practice water conservation, many smaller systems limit water conservation to end-user controls such as low-flow toilets, faucets, and showers. Continuing education is necessary to inform users of conservation methods, and additional education is needed for the general public regarding the amount of water being saved today that may have been wasted in the past.

- Additionally, many smaller systems have minimal metering capabilities, and the amount of lost or wasted water is often unknown. Continuing education is necessary to educate small system owners in proper water auditing to determine loss and waste and to develop a conservation and efficiency program tailored for their small system. Furthermore, continued diligence is necessary for all systems currently tracking water usage to ensure that accounted-for nonrevenue water (such as main flushing and fire-fighting usage) is appropriately tracked.

- Some water systems are experiencing a trend of decreasing average day demand (ADD) along with an increase in peak-day demands (PDD). This negatively impacts the ability to manage sources and treatment facilities in some systems and points to a need for conservation during peak-day conditions. This is often the case during the summer months coincident with irrigation and water-intensive recreational activities, and the overuse of water for such activities needs to be addressed to preserve water supply. Although reservoir systems are typically better able to handle increased peak-day demands as compared to groundwater systems from a supply perspective (provided adequate treatment capacity exists), increased peak-day usage by reservoir systems is of concern to

DPH as overuse of surface water sources can result in taste and odor complaints, elevated levels of cyanotoxins, and other water quality concerns.

Water conservation is one of the central themes of the *State Water Plan* (January 2018). Section 5.2.3.3 of the *State Water Plan* includes a set of *policy recommendations* for water conservation while Section 5.3.2.1 includes a *pathway forward* for additional water conservation consensus-building:

- The *policy recommendations* address education, review of existing water conservation plans and metrics, adoption of conservation incentives, tracking of water savings, support of water management through training and technical support, incentives for reducing outdoor water use, enacting local water conservation ordinances, evaluation of barriers to green building, advancing water-efficient landscapes, and strengthening partnerships with entities such as homebuilders and nongovernmental organizations.

- The *pathway forward* recommends gathering information about successful incentives and case studies, studying new actions and ongoing trends such as increased billing frequency and decreasing per-capita water demands, and forging partnerships with the Alliance for Water Efficiency[2] (A4WE) and the newly launched (in late 2017) Sustainable CT initiative.

> The *State Water Plan* lists water conservation as one of its "five most important messages." Accordingly, water conservation is embedded in three of the "top ten consensus-based policy priorities" (innovation in agricultural practices, consideration of Class B waters for non-potable uses, and developing an education strategy about water conservation).

The WUCCs are an ideal platform for helping to implement the water conservation recommendations of the *State Water Plan* while determining what the next generation of water conservation practices in the state should be focused on given the implementation of the standard supply and demand management tools articulated in individual WSPs. Ideally, the WUCCs could develop specific tools for public water systems to utilize, including the following:

- More effective methods of addressing systems that still exceed 15% unaccounted-for nonrevenue water;
- Discussion of alternative methods for tracking water usage, loss, and waste;
- Outdoor water use restrictions (through town ordinances and state regulations) modeled after the restrictions applied in Greenwich, Stamford, Darien, and New Canaan in 2016 which included restrictions on both time of day and the number of days each week (e.g., two) that irrigation was allowed;
- Innovative billing structures such as the structure used by the Town of East Hampton, which covers the full cost of providing water by the utility through the basic rate <u>before</u> billing usage and will encourage water conservation (similar to water budget-based rates per household typical in the western United States);
- Seasonal or other water conservation surcharges such as the one used by the Southeastern Connecticut Water Authority, which significantly increases water rates for usage above a certain threshold; and

[2] www.a4we.org

- Encouraging joint use of certain water saving equipment, such as truck-mounted flushing systems which flush sections of pipe between hydrants and filter dislodged debris, allowing for flushing to occur without blowing off water to waste.

The implementation of water conservation and water efficiency[3] projects may help to mitigate presently stressed basins as identified in the *State Water Plan* by reducing demands in those basins. As discussed in Section 3.5, implementation of passive water conservation measures is expected provide tangible reductions in water demand, so the implementation of more active conservation programs by utilities (see recommendations in Section 12.1) could potentially benefit stressed water basins.

The A4WE is a national nonprofit organization that advocates for a variety of water efficiency strategies that can reduce water demand. Its goal is to educate utilities and consumers in the areas of policy advocacy, technical tools, research, and education. In a presentation to the Water Planning Council on May 26, 2017, the A4WE noted the myriad benefits of water conservation and water efficiency, including the following:

- Creation of supply solutions are costly and slow to develop and have more environmental impacts;
- Conserving water allows more customers to be served without increasing production;
- Conservation can help flatten peaks that drive need for additional supply;
- Helps to leave more water in reservoirs (more frequent spillage) and streams;
- Reduces discharge volume of wastewater; and
- Helps to delay or avoid infrastructure improvements.

For some systems, targeted water conservation and water efficiency efforts may be required in order to reduce overall water use. Such efforts would only be applicable in systems where demand hardening has not already occurred (i.e., where customers are not already practicing sound water conservation practices). The A4WE notes that such programs must be system specific and focused on cost-effective and attainable goals, and such programs should demonstrate that the utility is also holding itself to the standards expected of customers (such as through a targeted capital improvement program to reduce leakage). The Handbook for Water Use & Conservation by Amy Vickers was suggested as a resource for developing a water conservation and water efficiency program. Such a targeted water conservation program may include elements such as the following:

- Use of water conservation tracking tools by both customers and the utility to evaluate benefits;
- Adoption of local efficiency standards, codes, and ordinances;
- Audits of major users and commercial kitchens with an educational component for developers and engineers on reducing water usage at new facilities (such as by reducing the maximum flow rate through private water piping);
- An active meter replacement and water usage tracking program;
- Installation of automatic meter reading (AMR) and advanced metering infrastructure (AMI) devices to continually track system usage and detect leaks; and

[3] "Water efficiency" is defined by Amy Vickers in Water Use and Conservation as reducing water wastage by measuring the amount of water required for a particular purpose and the amount of water used or delivered. It is an important subset of water conservation which considers such actions as water-budget billing, installation of low-flow technologies such as dual flush toilets and gray water systems, smart nozzles for garden hoses, use of drip irrigation, and other household, commercial, industrial, agricultural, techniques to limit unnecessary usage.

- Participation in the EPA's WaterSense Program, and encouraging customers to participate through a strong public outreach effort.

As an alternative to developing new water supply sources (or at least to prolong the ability of existing supplies to meet demands), various long term planning objectives have been identified, including the use of non-potable supply sources for non-potable uses and water reuse described below.

Certain types of industrial, commercial, and agricultural users consume potable water in processes that do not require potable water. It may be possible to convert some of these users (e.g., golf course irrigation) to partially or fully rely on non-potable supply sources through the use of techniques such as rain harvesting. Other high volume users should also be evaluated for their potential to use non-potable water. For example, East Lyme Water & Sewer Commission requires new cluster-style subdivisions and new commercial customers to install private irrigation wells under the building permit approval process to reduce outdoor non-potable demands.

There are many Class B water users who have developed private sources and transmission systems. Examples of Class B users include farms, industrial cooling and wash water, nurseries, golf courses, quarries, and power plants. Public water companies may be able to either directly provide Class B water or help major water users to develop Class B sources as an alternative to potable water.

In order for a public water company to develop and provide Class B water, there would need to be sufficient demand from one or more customers. Ideally, local land use controls could be used to consolidate such users spatially and make development of non-potable water systems more cost-effective. Coordination with DPH with regard to regulatory issues would be necessary as would multiple controls to avoid cross connections with potable public water systems. Some industries will have limitations on the quality of non-potable water that they can accept (e.g., food processing or pharmaceutical manufacturers). Specific concerns could include pH, dissolved or suspended solids, trace metals, salinity, and algae-causing nutrients.

If non-potable waters are returned to the source stream near the withdrawal point, there may be minimal aquatic impact. However, if the water is consumed (e.g., irrigation, evaporative cooling) or returned elsewhere, then there will be concern about the diversion. In such a case, it would be preferable to obtain the water from one of the larger rivers to minimize flow diminution.

Finally, water reuse is a viable alternative to development of new water supplies. As an example of this, the shopping outlets at Clinton Crossing are equipped with a gray water reuse system. This type of technology reduces potable water demands and lessens the burden on subsurface disposal systems. Consideration of similar systems on future developments should be given.

As a follow-up to the discussion in Section 2.1.5, many utilities believe that certain demand-side elements of water conservation should be legislated by the state and local entities, but with drought restrictions able to be enforced in some manner by water utilities. The exact nature of this legislation and potential enforcement is still in debate and will need further consideration in the coming years. The WUCC will be one forum in which these ideas may be discussed.

2.3 Impacts of Existing and Future Policies and Regulations

Regulations that affect public water systems will remain an issue for this region as well as for water systems statewide. These and other as-of-yet unknown future regulations can be costly to implement and maintain, and can significantly affect the logistics of operating a public water system. This was noted as an issue of concern in the WSA report.

Available Water Calculations

In 2016, DPH issued forms for calculation of available water[4] and recommended utilities use them when preparing WSPs. Previously, informal guidance was utilized by public water systems regarding available water to meet MMADD and PDD. The current DPH forms to be utilized for available water calculation follow a strict interpretation of the regulations and do not allow available water to meet MMADD or PDD to exceed the available water to meet ADD as the calculation is based on safe yield or some more limiting factor. This has resulted in the computed available water for surface water sources in some systems as well as some groundwater sources and interconnections being greatly reduced from earlier versions of written planning documentation such as WSPs. Further explanation is provided below:

- For those systems with groundwater sources, the available water for MMADD was the same as the available water to meet ADD, and for most systems this continues to be the case. For systems with sources used for (and specifically permitted for) peaking, the required use of an annual average withdrawal rate based on the peaking rate (instead of the peaking withdrawal rate) for the calculation of available water prevents the effective use of such sources for planning purposes despite their actual use in such a manner.

- For those systems with surface water sources, the treatment capacity of the water treatment plant was previously allowed to be used in calculation of available water with one filter (or other redundant primary treatment component) offline. Alternatively, the available water for MMADD was calculated based on the peak monthly demand ratio used in the safe yield calculation. As water treatment plant capacities typically exceed safe yield (e.g., in order to meet PDD), the available water figures to meet MMADD and PDD were often greater than available water to meet ADD.

- For those systems reliant upon interconnections, many have contracts stipulating an annual average flow limitation while including a higher maximum transfer to meet MMADD or seasonal summertime demands. The available water calculation based solely on annual average supply availability generates an available water deficit under MMADD conditions for several systems despite the water being contractually available.

[4] "Available water" is defined in RCSA 25-32d-1a(a)(4) to mean "the maximum amount of water a company can dependably supply, taking into account the following reductions to safe yield: any limitations imposed by hydraulics, treatment, well pump capabilities, reductions of well yield due to clogging that can be corrected with redevelopment, transmission mains, permit conditions, source construction limitations, approval limitations, or operational considerations; and the safe yield of active sources and water supplied according to contract, provided that the contract is not subject to cancellation or suspension and assures the availability of water throughout a period of drought and that the supply is reliable."

Although many WSPs written prior to the new forms being issued do not demonstrate margin of safety (MOS) [5] deficits, this *Integrated Report* incorporates the methodology standardized on the DPH forms for calculation of available water and MOS in order to best demonstrate where new sources of supply may be necessary, and includes an analysis of a potential pathway forward to demonstrate how alternative guidance could lower the potential volume of water needed from new sources of supply. Refer to Section 3.5.4 for a description of available water in the region compared to MMADD and Section 3.7 for the potential resolution. Note that though some systems may project a deficit to meet MMADD, this does not mean that new sources will truly be needed in all instances as evaluated in Sections 5.0 and 7.0.

Safe Yield

Analysis of system safe yield[6] is critical to determining the amount of available water supply. The calculation methodology for safe yield differs between reservoir sources and groundwater sources. As discussed in Section 2.4.1, climate change could affect the underlying climatic assumptions used in the safe yield methodology.

Ultimately, safe yield is not always the limiting factor in determining available water. However, it is an important and required component of the available water calculation. As available water is typically more limiting for a public water supply system, available water is utilized in Section 3.0 to determine future water needs in the region.

Streamflow Regulations

Several of the CWSs in the region may experience impactful reductions in reservoir safe yields upon full implementation of the Streamflow Standards and Regulations (RCSA Section 26-141b) beginning in 2028 or 2029. Several systems in the region, such as the AWC and Norwalk First Taxing District, rely on surface water supplies that are not exempt from the Streamflow Regulations. Future water supply sources may be needed to offset reductions in safe yield. Therefore, implementation of the Streamflow Regulations has been believed to be a primary driver for determining the need for future interconnections and new source development across the state and one goal of this report is to evaluate, to the extent possible given presently available data, current and projected water supply need.

Utilities may also choose to develop and enter into flow management plans with multiple parties as a method to comply with the Streamflow Regulations although some release of water would still be likely under such a management plan. The effect of the Streamflow Standards and Regulations on safe yield and available water, to the extent known or estimated, is discussed in Section 3.6.

Well Water Quality

Raw well water utilized for public drinking water in the region tends to be variable with respect to quality and quantity. Elevated concentrations of arsenic, radioactive elements, and/or iron and manganese are prevalent in public water system well supplies, and treatment can be costly. This may

[5] Defined as the ratio of supply over demand. A MOS of 1.15, or having 15% more available water than demand, is recommended by DPH for most systems and demand scenarios.
[6] "Safe yield" is defined in RCSA 25-32d-1a(a)(33) as "the maximum dependable quantity of water per unit of time which may flow or be pumped continuously from a source of supply during a critical dry period."

present a disproportionate burden on small CWSs and Non-Community water systems, and it may necessitate extending public water systems into areas presently served by private wells or creation of new public water systems as noted below. Examples occur in Brookfield, which has small systems that have dealt with recent water quality challenges related to arsenic, uranium, and other constituents. If permissible levels of these naturally-occurring contaminants are lowered, the effect could be increased cost of compliance and solutions such as interconnections to share water of a higher quality.

The United States Geological Survey (USGS) published Open File Report 2017-1046 in May 2017 entitled "Arsenic and Uranium in Private Wells in Connecticut, 2013-15". Nearly 7% of water samples from 674 private wells tested across Connecticut contained either arsenic or uranium at concentrations that exceed the United States Environmental Protection Agency (EPA) maximum contaminant level (MCL) enforceable for drinking water supplies. Private wells containing levels of arsenic above the MCL were identified in northwestern Derby, southern Oxford, western Redding, and throughout Weston. Clusters of private wells with elevated arsenic levels below the MCL were identified in southwestern Cheshire, Oxford, northern Redding, and southern Weston.

In addition, private wells containing levels of uranium above the MCL were identified in southern Brookfield, southern Goshen, eastern Oxford, northern Stamford, southern Torrington, western Watertown, and northwestern Wilton; and clusters of private wells with elevated levels of uranium below the MCL were identified in northern Bristol, Brookfield, Canaan, Easton, Goshen, Litchfield, North Canaan, Oxford, Redding, Salisbury, Seymour, Shelton, Southbury, Stamford, Torrington, Watertown, and Woodbury. According to the USGS, high concentrations of arsenic in drinking water have been linked to increased risk of certain types of cancer, and high concentrations of uranium have been linked to adverse effects on kidney function.

Similar to public wells, changes in the permissible levels of naturally-occurring contaminants in private well water supplies could render some private well water undrinkable without treatment. This could lead to the extension of water mains and proliferation of new small water systems to replace lost private water supplies. The designation of ESAs will help address this challenge since specific water utilities have been identified that may be able to help solve groundwater quality problems.

Emerging Contaminants

Emerging contaminants are a concern for EPA as well as DPH. While many emerging contaminants have been in the news over the last 15 years, contaminants such as salt from winter deicing have the potential to increase significantly in the next decade as road sanding during winter storms is phased out. Emerging contaminants can affect public water supply sources and private wells, leading to increased cost of compliance, solutions such as interconnections to share water of a higher quality, extension of water mains, and proliferation of new small water systems to replace lost private well water supplies. As noted above, the designation of ESAs will help address this challenge relative to private well impacts since specific water utilities and other ESA holders have been identified that may be able to help address groundwater quality problems.

2.4 Climate Change and Resiliency

2.4.1 Climate Change and Effect on Safe Yield

According to the *Connecticut Natural Hazards Mitigation Plan Update* (2014)[7], climate change is both a present threat and a slow-onset disaster. Extreme weather events have become more frequent in Connecticut over the past four to five decades and this trend is expected to continue. The rate of sea level rise is accelerating, and changes in precipitation distribution (spatially and temporally) have been occurring. More intensive heat waves may result, increasing the incidence and severity of drought.

As the full long-term effect of climate change cannot be fully predetermined, public water systems can only prepare to address the effects of climate change based on current prediction models. As noted in the *State Water Plan* (January 2018), "runoff is likely to be significantly higher in the future in winter months" and may be "modestly lower in summer months". These models generally suggest that Connecticut will experience more total rainfall than before but that the rainfall will occur more frequently in high volume, temporally-limited events rather than moderate-volume events occurring over a longer storm period. The *State Water Plan* further cautions that future flood risks could increase, and potentially warmer and drier summer conditions could occur with longer gaps between summer rain events (potentially resulting in increased fluctuations in reservoir water levels).

In addition to the *State Water* Plan, the Land Trust Alliance "Conservation in a Changing Climate"[8] and the United States Department of Agriculture (USDA) United States Forest Service "Climate Change Resource Center"[9] present a variety of potential impacts on public water supply from the effects from climate change. These include the following:

- Warmer temperatures could result in more difficulty in treating raw water withdrawn from surface water supplies as temperature affects the dissolved oxygen level in the water as well as reducing the effectiveness of several treatment processes;
- Surface water supply will be increasingly threatened by invasive species migration as temperatures rise;
- Algal blooms may begin earlier in the season and last longer into the fall;
- More intense precipitation and runoff may increase sediment, nitrogen, and other pollutant loads
- Intensified droughts may further reduce the water quality in feeder lakes and streams by allowing for easier erosion and transport of pollutants when rainfall does finally occur;
- The timing and quantity of instream flow is expected to change, which may require revising release requirements under the Streamflow Standards and Regulations;
- The amount of groundwater recharge is expected to decline during the summer;
- Sea level rise may increase the salinity in groundwater feeding private well and public water supplies, and is likely to increase the incidence of flooding at supply wells;

The WUCC defers to other reports regarding specific data-driven impacts of climate change. In general, water utilities are still in the early stages of identify vulnerabilities and pathways forward to mitigate the effects of climate change. For the purpose of fostering regional planning in this CWSP, the discussion herein focuses on potential general impacts of climate change to public water supplies with the

[7] http://www.ct.gov/deep/lib/deep/water_inland/hazard_mitigation/ct_nhmp_adopted_final.pdf
[8] http://climatechange.lta.org/
[9] https://www.fs.usda.gov/ccrc/

expectation that systems will begin to focus on resiliency initiatives in the near future based on the discussion in Section 2.4.2.

As introduced in Section 2.3, the methodology for determining the safe yield of a water source may be affected by climate change as follows:

- The calculation of safe yield for a reservoir or reservoir system is based on a mathematical mass-balance methodology using a 99% dry year or a critical dry period with a 1 in 100 occurrence frequency. The majority of reservoir safe yield studies were conducted using the multiyear 1960s drought period, a critical dry period considered drier than the 1 in 100 occurrence frequency. Other studies have utilized the multiyear late 1950s drought period. One of the inputs to the safe yield model is evaporation rates, which are specified in the regulations. Many climate change models predict that the earth will continue to experience warmer temperatures over time, which in turn would affect the evaporation rate. Any revision to the safe yield regulations for surface water supplies should include consideration of new evaporation rates to be used in the calculation of safe yield.

- The calculation of safe yield for a groundwater source typically includes a simultaneous pumping test of all sources at the wellfield. During warmer periods, the water table is typically lower providing less head in a well between the water surface and a pump. If summers are expected to be warmer and drier in the future and punctuated with high-volume, short-duration rain events that result in high volumes of runoff and little infiltration, then lower summertime water tables would not be unreasonable to expect. Should the lowering of the water table be significant enough, the previously recorded pumping test drawdown used to calculate safe yield could now intersect or fall below the pump, indicating that expected yield would not be available when the well was pumped at the safe yield rate. While most safe yield tests include some measure of safety factor above the pump level to account for seasonal variations, such a safety factor is not explicitly called for in the regulations. Continued monitoring of regional groundwater levels is encouraged by WUCC members to determine any long-term trends that could reduce safe yield.

While the above discussion provides the WUCC with a starting point, future planning both within and outside of the WUCC will be necessary to prepare for and respond to climate change. Interconnections and new supply sources may become more important as part of these efforts.

2.4.2 Resiliency

Resilience is typically defined as the ability of a system, population, or community to prepare for, withstand, recover from, and adapt to stresses like natural disasters and climate change. Resilience can be measured in different ways, but one common method of measuring resilience is the number of days or months to recover from an event. A more resilient community can recover more quickly. In the case of a public water system (PWS), heightened resiliency shortens the recovery time.

The resiliency of water systems to climate change and natural hazards is a significant concern particularly given the extensive power outages that occurred throughout the state during Tropical Storm Irene, Winter Storm Alfred, and Hurricane Sandy. Many smaller systems do not have standby power facilities, and numerous small systems issued boil water notices during the power outages associated with these events.

Resiliency is not a one-time effort. It must be continuously maintained and improved over time due to the risks associated with climate change. In the context of natural hazards such as flooding and severe wind storms, risk is commonly defined as the product or the sum of vulnerability and frequency (risk = vulnerability x frequency or risk = vulnerability + frequency). Thus, if an event has a low frequency and infrastructure is not vulnerable to the effects of that event, then the risk is assumed to be low. If an event has a high frequency and infrastructure is vulnerable to the effects of that event, then the risk is assumed to be high. Either low frequency coupled with high vulnerability or high frequency coupled with low vulnerability will produce moderate risk.

In the context of flood, wind, snow, and ice hazards and the need for developing climate resilience, risk will change over time because the frequency will increase. Certain storms are believed to be increasing in frequency, bringing more intense precipitation, winds, and heavier snow; flooding will increase in frequency as sea level rises and more intense precipitation runs off. Thus, even if water system infrastructure vulnerabilities remain static by doing nothing, risks will increase.

Therefore, public water systems are at a crossroads with regard to reducing risk. Vulnerabilities can remain static and risk can increase, or vulnerabilities can be reduced to hold risk at bay. If vulnerabilities can be reduced even further, then risks could be lowered in the face of climate change, leading to increased resilience. The least desired combination of all would be the development of increased vulnerabilities while frequencies increase because risks could rise faster than expected; this is the possible outcome if public water systems do not maintain and harden infrastructure.

The Resilience Loss Recovery Curve (Figure 2-1) helps explain how community or system function is affected by an acute disturbance such as a hurricane, and depicts response and recovery curves. Community functions decline (blue and red areas) as communities respond to a disaster. A more resilient community can more quickly restart local services (utilities, businesses, schools) and chart a path to a “new normal.” The more resilient community incurs some losses (blue) but avoids additional losses (red) because it has taken informed measures (anticipating threats, developing disaster response plans and recovery strategies, longer-term land use policies) in advance to minimize the impact of the disturbance (i.e., planning and mitigation).

Resilient communities and systems may find opportunities to transform themselves and grow. Thus, a resilient water system’s “new normal” may be a higher level of function (solid blue, upper line) or it may be able to return to a level of function existing before the disturbance (dashed gray, lower line). Ultimately, this cycle repeats itself both before and after each disturbance resulting in opportunities to incrementally increase resilience.

Relative to floods, the State of Connecticut adopted a set of standards several decades ago that was forward-thinking and has helped make many state-funded projects resilient. Critical facilities must be designed according to the elevation of the 0.2% annual chance (500-year) flood rather than the 1% annual chance (100-year) flood, the elevations of which are typically developed for regulatory purposes by the Federal Emergency Management Agency (FEMA). The Federal Flood Risk Management Standard was issued by the Obama administration in 2015 and adopted a similar approach to be used for federally-funded facilities, but the standard was rescinded in 2017 by the Trump administration although the United States Department of Housing and Urban Development continues to require that the standard be employed for its projects.

Figure 2-1 – Resiliency Loss Curve

The Connecticut Public Health Code does not require that water system components or water supply wells be resistant to flooding from the 0.2% event, but water supply wells must be elevated above the 1% annual chance flood elevation. This creates a disparity among state laws because many public water system projects are partly funded by the state (or by federal funds passed through the state, which are subject to state requirements) and would therefore be subject to the more conservative standards. Furthermore, some Connecticut towns have adopted the more stringent DEEP model flood regulations and ordinances that require the higher standard for critical facilities regardless of funding sources. It will be important for the WUCCs and DPH to work together to correct the disparity.

Following Tropical Storm Irene (August 2011), Winter Storm Alfred (October 2011), and Hurricane Sandy (October 2012), DPH prepared its "three storm" strategy[10] in order to ensure safe and adequate public water supply and address vulnerabilities, emergency preparedness needs, resiliency, and system capacity in CWSs. Since that time, DPH has been addressing its "three storm" strategy through a variety of initiatives such as requiring emergency generators (and providing funding assistance to secure generators), requiring development of an emergency plan for all CWSs, updating critical facilities lists, and developing and implementing methods to evaluate technical, managerial, and financial capacity of small CWSs, and facilitating the CWSP process. Ongoing actions include workshops to assist with the emergency plan requirement, implementing new ideas for sharing information between utilities and DPH during an emergency, updating Certified Operator responsibilities, streamlining funding for small CWSs, developing regulations requiring asset and fiscal management and hydropneumatic tank assessments, and revising the process for ordering take overs of failing water systems.

[10] "DPH Drinking Water Section Strategy to Address the Effects of Storms Irene, Alfred, and Sandy on Connecticut's Public Water Systems" originally dated December 2011, last updated April 2018.

Public water systems should consider development of redundant infrastructure, backup power, increased system storage, and more comprehensive emergency response planning as part of their individual resiliency efforts.

Consistent with the "three storm" strategy, a study is being conducted by the Connecticut Institute for Resilience and Climate Adaptation (CIRCA) and UConn, concurrently with the WUCC planning process, to develop a Drinking Water System Vulnerability Assessment and Resiliency Plan for Connecticut's four coastal counties. The study will consider the impacts of flooding, winds, and heavy snow from extreme weather, drought, and other impacts of climate change on public and private water systems, and include the results of research and interviews regarding how other states are responding to the heightened need for resiliency. The report is due by the end of 2018. Initial tasks have included interviews with DPH personnel, interviews with CWS owners and operators, a review of all available vulnerability assessments and Emergency Contingency Plans filed with WSPs, creation of a database of critical CWS components, and an analysis of potential interconnections to achieve resilience. Some of the results of the initial tasks are incorporated into this report.

2.4.3 Incorporation of Climate Change and Resiliency into Future Projects

Consideration of climate change and resiliency is included in the evaluation of projects discussed in Section 5.0. For the purposes of this report, it is assumed that sea level rise will not result in reduced public water system demands along low-lying shoreline areas even though some climate models predict the possibility of some level of shoreline retreat being possible over the 50-year planning period. At this point, the WUCC is best served evaluating the potential effects of climate change on future regional projects, and evaluating how each project promotes resiliency when considering prioritization of projects. The following questions should be applied to each potential regional project:

- Does the proposed regional project build resiliency?
- Is the source of water for the project prudent to use in light of climate change?
- If the project is a new source of supply, will the source be resilient?
- Overall, is the project prudent in light of climate change?

3.0 POPULATION, CONSUMPTION, AND AVAILABLE WATER PROJECTIONS

3.1 Introduction

This section integrates projected town growth, individual public water system WSPs, service populations, and water system demand projections in comparison to presently calculated available water to meet future public water supply demands. Projections are provided in the following subsections by town and are based on data for the ESA of each ESA holder, such that each ESA holder may understand the total public water supply use within its ESA boundary. All projections are based on the final recommended ESAs developed during the former Housatonic, South Central Connecticut, and Upper Connecticut River WUCC planning processes and the present Western WUCC planning process and are not limited to the existing service areas of the providers.

During this process, each public water system was invited to provide information regarding existing and projected service area populations and residential and nonresidential ADD, along with available water to meet ADD. The data collection was supplemented with individual system WSPs and the appropriate regional planning documents, with ADD estimated for the smaller systems that do not submit WSPs when other information was not available. See Appendix B for a discussion of how water demand projections were developed. The planning horizons for these projections correspond to the 5-, 20-, and 50-year planning horizons. The 5-year planning horizon is projected from the time of the CWSP development (2018). The 20- and 50-year planning horizons are projected from the last available census data (2010). Existing conditions are based on year 2015 data or 2016 data (where available), and the planning horizons correspond to the years 2023, 2030, and 2060.

The regulations corresponding to the Integrated Report require analysis based on safe yield. "Available Water" is used herein in place of safe yield because available water represents the most limiting available supply between the safe yield of each source, registered or permitted capacity, pumping and hydraulic capacity, or contractual limitations. In addition, available water is used in water supply planning to determine system MOS. Existing ADD and MMADD of each system were compared to the yield of existing supplies to identify any surplus or deficit in available water. Note that information is either unavailable or limited regarding available water for non-community systems.

Recall from the *Final Recommended Exclusive Service Area Boundaries* (June 2017) that in many cases ESA holders expect to serve new developments with satellite CWSs developed under the Certificate of Public Convenience and Necessity (CPCN) process and not through an extension of water mains. Furthermore, ESA holders have expressed minimal interest in operating new NTNC and TNC water systems, the exception being new NTNC systems (such as new schools) in town-controlled ESAs. It is difficult to predict exactly where such new systems will be developed, but such systems would not be approved by DPH without a demonstration of sufficient available supply to meet demands. Estimates for growth of new satellite CWSs, as well as non-community water systems, are included herein as discussed in Appendix B.

Table 3-1 provides a summary of the projected ADD (in million gallons per day, or mgd), available water surplus or deficits, and MOS for CWSs in the Western PWSMA through the 5-year, 20-year, and 50-year planning horizons. The information presented in this table is developed in Section 3.5 of this document.

TABLE 3-1
Summary of Regional Community Water System ADD Projections, Available Water, and MOS

Planning Horizon	Existing and Projected ADD (mgd)	Existing Available Water to Meet ADD (mgd)	Existing and Projected Surplus or (Deficit) (mgd)	Existing and Projected Margin of Safety
Existing Conditions	136.470	199.765	63.295	1.46
5-Year (2023)	147.378	200.284	52.906	1.36
20-Year (2030)	156.759	182.518	25.759	1.16
50-Year (2060)	167.287	182.518	15.231	1.09

Notes: Figures in Table 3-1 only include demands within the Western PWSMA. Available water increases in the 5-year planning horizon (and decreases in the 20-year and 50-year planning horizons) from Danbury Water Department improvements to Kenosia Wellfield and the cessation of flood skimming from Lake Kenosia. Potential available water reductions for future streamflow releases (calculated later in Table 3-10ab) are also included for the 20-year and 50-year planning horizons. Table 3-1 does not include the potential benefit of future water conservation measures or alternate methods for calculating available water (Section 3.5).

Table 3-1 focuses on community public water systems in the Western PWSMA and not non-community systems for several reasons. First, the larger community systems are required to provide WSPs to DPH, such that information is available regarding existing and projected ADD for these systems. Second, the majority of small community and non-community systems have not claimed expanded exclusive service areas and therefore have limited growth potential. The vast majority will only ever serve their existing parcels. As identified in the *Final Water Supply Assessment* (December 2016), many of these systems serve less than 100 people and are likely to experience only small to modest increases in ADD, if any. As a group, these systems serve a minor percentage of the population within the Western PWSMA and are not expected to have increased ADD in the future.

While the information in Table 3-1 suggests that the region has sufficient public water supply to meet ADD throughout the 20-year planning period, the water is not necessarily in the location of need. As seen in the subsequent sections, individual systems are projecting supply deficits that will need to be addressed in the coming years while some systems are projecting surplus water available.

3.2 Town Population and Demand Projections

Projections of regional residential water supply demand presented in Section 3.2 and Section 3.3 are based on population projections for each town. This evaluation uses future population projections developed by the Connecticut State Data Center (CT SDC) in 2017, which include data for the years 2015, 2020, 2025, 2030, 2035, and 2040. Use of the CT SDC projections assures consistency with the *State Water Plan* (January 2018), which prepared water demand estimates based on the CT SDC projections. A discussion of how the population projections were interpolated to represent the 5-year planning horizon (2023) and extended to 2060 for the 50-year planning horizon is provided in Appendix C.

Town Population Projections

The overall regional population projection indicates an overall decline in population through 2040 but with trends suggesting an overall increase in population occurring through 2060. Overall, the population of the Western PWSMA is anticipated to decrease by approximately 25,000 people by 2040. Figure 3-1 presents the population projections by urban, suburban, and rural communities in the Western PWSMA through 2040. Overall, urban areas are projected to increase in population consistently through the

year 2040, suburban areas are expected to decrease population through 2030 and begin leveling off through 2040, and rural populations are expected to decline consistently through 2040.

FIGURE 3-1
2017 CT SDC Population Projections for Western PWSMA by Community Type

Based on the above projection, the overall population in the region is expected to decline through 2040 despite growth in the urban communities. Population growth in the individual towns is projected to vary across the region throughout the planning period, with 44 of the 64 communities losing population through 2040. Table 3-2 presents these projections by town for the region. Note that actual population growth and decline over these planning periods may be more diffuse in some areas and more concentrated in other areas than presented in this report.

TABLE 3-2
Population Projections by Town for the Western PWSMA

Town	Classification	2010 Pop.	CT SDC 2015 Pop.	2023 Pop. Proj.	CT SDC 2030 Pop. Proj.	CT SDC 2040 Pop. Proj.	2060 Pop. Proj.
Ansonia	Urban	19,249	19,481	20,083	20,648	21,067	21,461
Barkhamsted	Suburban	3,799	3,847	3,704	3,530	3,148	3,148
Beacon Falls	Suburban	6,049	6,266	6,471	6,587	6,587	6,587
Bethel	Urban	18,584	18,176	17,248	16,376	15,007	15,007
Bethlehem	Suburban	3,607	3,606	3,590	3,577	3,346	3,346
Bridgeport	Urban	144,229	145,842	150,329	154,065	154,658	154,658
Bridgewater	Suburban	1,727	1,661	1,418	1,211	937	937
Bristol	Urban	60,477	59,919	59,374	59,002	57,129	57,129
Brookfield	Suburban	16,452	16,225	15,529	14,942	14,513	14,513
Burlington	Suburban	9,301	9,524	9,394	8,991	8,699	8,699
Canaan	Rural	1,234	1,254	1,406	1,578	1,488	1,488
Cheshire	Suburban	29,261	28,890	27,619	26,127	24,860	24,860
Colebrook	Rural	1,485	1,439	1,345	1,251	1,100	1,100
Cornwall	Rural	1,420	1,355	1,212	1,082	901	901

TABLE 3-2
Population Projections by Town for the Western PWSMA

Town	Classification	2010 Pop.	CT SDC 2015 Pop.	2023 Pop. Proj.	CT SDC 2030 Pop. Proj.	CT SDC 2040 Pop. Proj.	2060 Pop. Proj.
Danbury	Urban	80,893	82,757	86,363	89,801	94,602	105,526
Darien	Urban	20,732	21,026	19,896	19,286	22,250	26,700
Derby	Urban	12,902	13,032	13,417	13,803	14,082	14,451
Easton	Suburban	7,490	7,115	6,523	6,015	5,388	5,388
Fairfield	Urban	59,404	59,311	58,736	59,188	67,101	80,521
Goshen	Rural	2,976	3,048	3,103	3,127	3,089	3,089
Greenwich	Urban	61,171	59,681	55,556	52,160	47,132	47,132
Hartland	Rural	2,114	2,081	1,978	1,849	1,581	1,581
Harwinton	Suburban	5,642	5,621	5,449	5,273	4,799	4,799
Kent	Rural	2,979	2,935	2,767	2,591	2,267	2,267
Litchfield	Suburban	8,466	8,403	8,110	7,905	7,238	7,238
Middlebury	Suburban	7,575	7,948	8,318	8,522	8,828	8,828
Monroe	Suburban	19,479	18,521	16,152	14,002	11,961	11,961
Morris	Suburban	2,388	2,368	2,332	2,310	2,202	2,202
Naugatuck	Urban	31,862	31,973	32,339	32,638	31,854	31,854
New Canaan	Suburban	19,738	19,744	18,152	17,189	18,563	22,276
New Fairfield	Suburban	13,881	13,060	11,033	9,191	7,324	7,324
New Hartford	Suburban	6,970	7,170	7,262	7,256	7,047	7,047
New Milford	Suburban	28,142	27,594	26,133	24,760	22,723	22,723
Newtown	Suburban	27,560	28,075	27,498	26,825	28,220	33,864
Norfolk	Rural	1,709	1,681	1,592	1,506	1,348	1,506
North Canaan	Suburban	3,315	3,214	3,098	2,993	2,794	2,794
Norwalk	Urban	85,603	85,927	86,888	88,249	90,247	97,110
Oxford	Suburban	12,683	13,842	15,353	16,355	17,856	19,270
Plymouth	Suburban	12,243	12,250	12,149	11,986	11,384	11,384
Prospect	Suburban	9,405	9,366	9,063	8,692	8,216	8,216
Redding	Suburban	9,158	9,263	9,113	9,065	9,007	9,007
Ridgefield	Suburban	24,638	24,541	22,608	21,304	22,187	26,624
Roxbury	Rural	2,262	2,290	2,227	2,176	2,039	2,039
Salisbury	Rural	3,741	3,617	3,240	2,945	2,405	2,405
Seymour	Urban	16,540	16,675	16,836	16,924	16,753	16,753
Sharon	Rural	2,782	2,612	2,264	1,963	1,520	1,520
Shelton	Urban	39,559	39,102	37,832	36,567	34,543	34,543
Sherman	Suburban	3,581	3,279	2,794	2,349	1,803	1,803
Southbury	Suburban	19,904	19,661	19,244	18,986	18,758	18,758
Stamford	Urban	122,643	123,941	127,213	129,813	128,825	128,825
Stratford	Urban	51,384	51,530	52,478	53,816	55,394	60,709
Thomaston	Suburban	7,887	7,884	7,796	7,694	7,370	7,370
Torrington	Suburban	36,383	36,478	37,020	37,562	37,315	37,315
Trumbull	Urban	36,018	35,984	34,871	33,667	33,154	33,154
Warren	Rural	1,461	1,564	1,583	1,586	1,520	1,520
Washington	Rural	3,578	3,508	3,227	2,955	2,462	2,462
Waterbury	Urban	110,366	111,084	113,933	117,111	119,211	122,998
Watertown	Suburban	22,514	22,344	21,774	21,220	19,871	19,871
Weston	Suburban	10,179	9,659	8,330	7,697	7,007	7,007

TABLE 3-2
Population Projections by Town for the Western PWSMA

Town	Classification	2010 Pop.	CT SDC 2015 Pop.	2023 Pop. Proj.	CT SDC 2030 Pop. Proj.	CT SDC 2040 Pop. Proj.	2060 Pop. Proj.
Westport	Urban	26,391	26,194	23,639	21,598	21,688	26,026
Wilton	Suburban	18,062	17,723	15,809	14,390	14,642	17,570
Winchester	Suburban	11,242	11,304	11,350	11,325	10,938	10,938
Wolcott	Suburban	16,680	16,909	16,879	16,773	16,510	16,510
Woodbury	Suburban	9,975	10,001	9,735	9,502	9,052	9,052
Totals	**All**	**1,471,124**	**1,472,375**	**1,459,777**	**1,451,427**	**1,447,510**	**1,515,665**
	Rural	**27,741**	**27,384**	**25,945**	**24,609**	**21,720**	**21,878**
	Suburban	**445,376**	**443,356**	**426,801**	**412,106**	**401,093**	**419,229**
	Urban	**998,007**	**1,001,635**	**1,007,031**	**1,014,712**	**1,024,697**	**1,074,558**

Source: U.S. Census Bureau 2010; Population Projections published in 2017 by CT SDC
Notes: See Appendix C for interpolation and extrapolation of CT SDC projections.

Urban Area Population Projections
The urban towns are collectively projected to continue gaining population through the year 2040, with notable declines projected in Bethel, Greenwich, Shelton, and Westport. The population of Fairfield is projected to remain level through 2030, but then increase significantly (13%) by 2040, an increase of approximately 790 people per year in that decade. The only other urban community projecting a population increase of more than 10% through 2040 is Danbury (14%). Overall, the urban communities are projected to gain 26,690 people though 2040.

Suburban Area Population Projections
The suburban communities are collectively projected to decline in population through the year 2040 by approximately 44,283 people. The highest percentage declines in population through 2040 are projected to occur in Bridgewater (-44%), Easton (-24%), Monroe (-35%), New Fairfield (-44%), Sherman (-45%), and Weston (-27%). Other communities projecting population decreases of more than 10% through 2040 include Barkhamsted (-18%), Brookfield (-11%), Cheshire (-14%), Harwinton (-15%), Litchfield (-14%), New Milford (-18%), Prospect (-12%), Ridgefield (-10%), Watertown (-11%), and Wilton (-17%). The only suburban communities projecting a population increase of more than 10% through 2040 are Middlebury (11%) and Oxford (29%).

Rural Area Population Projections
The rural communities are collectively projected to decline in population through the year 2040 by approximately 6,021 people. The highest percentage declines in population through 2040 are projected to occur in Colebrook (-24%), Cornwall (-34%), Hartland (-24%), Kent (-23%), Norfolk (-20%), Salisbury (-34%), Sharon (-42%), and Washington (-30%). One additional rural community is projected to experience a population decrease of more than 10% through 2040 (Roxbury, -11%). The only rural community projected to have a population increase of more than 10% through 2040 is Canaan (19%).

Town Demand Projections
The population estimates presented in Table 3-2 were used to estimate the total residential water demands for the region. These demands are based on the CPCN regulatory design standard consumption figure of 75 gpcd (a figure that may be either higher or lower than actual usage in certain towns) and reflect the population served by individual wells as well as those served by public water

systems. Table 3-3 presents the residential demand projections for the region by town. In many instances, most of the demand will be met by private water supply wells serving individual residences. The total demand is not expected to be met solely by the public water supply systems of the region.

TABLE 3-3
Estimated Residential ADD for Total Population by Town for the Western PWSMA

Town	2015-2016 Estimated Demand (mgd)	2023 Projected Demand (mgd)	2030 Projected Demand (mgd)	2060 Projected Demand (mgd)
Ansonia	1.461	1.506	1.549	1.610
Barkhamsted	0.289	0.278	0.265	0.236
Beacon Falls	0.470	0.485	0.494	0.494
Bethel	1.363	1.294	1.228	1.126
Bethlehem	0.270	0.269	0.268	0.251
Bridgeport	10.938	11.275	11.555	11.599
Bridgewater	0.125	0.106	0.091	0.070
Bristol	4.494	4.453	4.425	4.285
Brookfield	1.217	1.165	1.121	1.088
Burlington	0.714	0.705	0.674	0.652
Canaan	0.094	0.105	0.118	0.112
Cheshire	2.167	2.071	1.960	1.865
Colebrook	0.108	0.101	0.094	0.083
Cornwall	0.102	0.091	0.081	0.068
Danbury	6.207	6.477	6.735	7.914
Darien	1.577	1.492	1.446	2.003
Derby	0.977	1.006	1.035	1.084
Easton	0.534	0.489	0.451	0.404
Fairfield	4.448	4.405	4.439	6.039
Goshen	0.229	0.233	0.235	0.232
Greenwich	4.476	4.167	3.912	3.535
Hartland	0.156	0.148	0.139	0.119
Harwinton	0.422	0.409	0.395	0.360
Kent	0.220	0.208	0.194	0.170
Litchfield	0.630	0.608	0.593	0.543
Middlebury	0.596	0.624	0.639	0.662
Monroe	1.389	1.211	1.050	0.897
Morris	0.178	0.175	0.173	0.165
Naugatuck	2.398	2.425	2.448	2.389
New Canaan	1.481	1.361	1.289	1.671
New Fairfield	0.980	0.827	0.689	0.549
New Hartford	0.538	0.545	0.544	0.529
New Milford	2.070	1.960	1.857	1.704
Newtown	2.106	2.062	2.012	2.540
Norfolk	0.126	0.119	0.113	0.113
North Canaan	0.241	0.232	0.224	0.210
Norwalk	6.445	6.517	6.619	7.283
Oxford	1.038	1.151	1.227	1.445
Plymouth	0.919	0.911	0.899	0.854
Prospect	0.702	0.680	0.652	0.616

TABLE 3-3
Estimated Residential ADD for Total Population by Town for the Western PWSMA

Town	2015-2016 Estimated Demand (mgd)	2023 Projected Demand (mgd)	2030 Projected Demand (mgd)	2060 Projected Demand (mgd)
Redding	0.695	0.683	0.680	0.676
Ridgefield	1.841	1.696	1.598	1.997
Roxbury	0.172	0.167	0.163	0.153
Salisbury	0.271	0.243	0.221	0.180
Seymour	1.251	1.263	1.269	1.256
Sharon	0.196	0.170	0.147	0.114
Shelton	2.933	2.837	2.743	2.591
Sherman	0.246	0.210	0.176	0.135
Southbury	1.475	1.443	1.424	1.407
Stamford	9.296	9.541	9.736	9.662
Stratford	3.865	3.936	4.036	4.553
Thomaston	0.591	0.585	0.577	0.553
Torrington	2.736	2.777	2.817	2.799
Trumbull	2.699	2.615	2.525	2.487
Warren	0.117	0.119	0.119	0.114
Washington	0.263	0.242	0.222	0.185
Waterbury	8.331	8.545	8.783	9.225
Watertown	1.676	1.633	1.592	1.490
Weston	0.724	0.625	0.577	0.526
Westport	1.965	1.773	1.620	1.952
Wilton	1.329	1.186	1.079	1.318
Winchester	0.848	0.851	0.849	0.820
Wolcott	1.268	1.266	1.258	1.238
Woodbury	0.750	0.730	0.713	0.679
TOTAL	**110.428**	**109.483**	**108.857**	**113.675**

Notes: Demands represent total residential water demand for town and NOT demands on public water systems only.
Consumption projections are based on the state design standard of 75 gallons per person per day. Actual consumption may be significantly higher or lower in each community.

Overall, the population of the region is projected to decline approximately 1.7% through 2040, but increase by approximately 5.8% through the 50-year planning period from 1,472,375 in 2015 to 1,515,665 in 2060. Correspondingly, the current total estimated residential water demand of 110.4 mgd is projected to decrease to an estimated 108.9 mgd in 2030 and then increase to an estimated 113.7 mgd through 2060, discounting water conservation measures.

3.3 Town Public Water Service Population and ADD Projections

The existing residential public water service population and projected residential public water service population for each town in the Western PWSMA are presented in Table 3-4. These projections include only the residential population who are currently served by public water systems, and incorporate the analysis for the growth of new CWSs in Appendix B.

Table 3-4: Projected Town Population Versus Residential Water Service Population

Town	2015-2016			2023			2030			2060		
	CT SDC Total Population	Residential Service Population	Service Ratio	Projected Total Population	Residential Service Population	Service Ratio	Projected Total Population	Residential Service Population	Service Ratio	Projected Total Population	Residential Service Population	Service Ratio
Ansonia	19,481	18,106	92.9%	20,083	19,262	95.9%	20,648	20,372	98.7%	21,461	22,485	104.8%
Barkhamsted	3,847	160	4.2%	3,704	160	4.3%	3,530	160	4.5%	3,148	160	5.1%
Beacon Falls	6,266	4,414	70.5%	6,471	5,264	81.4%	6,587	5,650	85.8%	6,587	6,910	104.9%
Bethel	18,176	11,661	64.2%	17,248	12,456	72.2%	16,376	12,723	77.7%	15,007	13,031	86.8%
Bethlehem	3,606	140	3.9%	3,590	140	3.9%	3,577	140	3.9%	3,346	140	4.2%
Bridgeport	145,842	147,340	101.0%	150,329	153,827	102.3%	154,065	157,616	102.3%	154,658	167,996	108.6%
Bridgewater	1,661	87	5.2%	1,418	87	6.1%	1,211	87	7.2%	937	87	9.3%
Bristol	59,919	54,606	91.1%	59,374	56,734	95.6%	59,002	58,539	99.2%	57,129	68,038	119.1%
Brookfield	16,225	7,830	48.3%	15,529	8,522	54.9%	14,942	9,934	66.5%	14,513	10,156	70.0%
Burlington	9,524	2,176	22.8%	9,394	2,176	23.2%	8,991	4,369	48.6%	8,699	5,051	58.1%
Canaan	1,254	736	58.7%	1,406	815	58.0%	1,578	816	51.7%	1,488	816	54.8%
Cheshire	28,890	24,137	83.5%	27,619	26,591	96.3%	26,127	28,312	108.4%	24,860	32,071	129.0%
Colebrook	1,439	0	0.0%	1,345	0	0.0%	1,251	0	0.0%	1,100	0	0.0%
Cornwall	1,355	203	15.0%	1,212	203	16.7%	1,082	203	18.8%	901	203	22.5%
Danbury	82,757	60,670	73.3%	86,363	64,011	74.1%	89,801	71,603	79.7%	105,526	83,672	79.3%
Darien	21,026	21,038	100.1%	19,896	20,927	105.2%	19,286	20,772	107.7%	26,700	26,981	101.1%
Derby	13,032	14,312	109.8%	13,417	15,226	113.5%	13,803	15,661	113.5%	14,451	18,025	124.7%
Easton	7,115	3,161	44.4%	6,523	3,305	50.7%	6,015	3,308	55.0%	5,388	3,323	61.7%
Fairfield	59,311	49,619	83.7%	58,736	49,941	85.0%	59,188	50,324	85.0%	80,521	63,463	78.8%
Goshen	3,048	190	6.2%	3,103	193	6.2%	3,127	193	6.2%	3,089	193	6.2%
Greenwich	59,681	61,172	102.5%	55,556	59,848	107.7%	52,160	57,995	111.2%	47,132	59,544	126.3%
Hartland	2,081	0	0.0%	1,978	0	0.0%	1,849	0	0.0%	1,581	0	0.0%
Harwinton	5,621	2,740	48.7%	5,449	2,740	50.3%	5,273	3,540	67.1%	4,799	3,640	75.8%
Kent	2,935	1,940	66.1%	2,767	1,940	70.1%	2,591	1,940	74.9%	2,267	1,940	85.6%
Litchfield	8,403	2,580	30.7%	8,110	2,592	32.0%	7,905	2,618	33.1%	7,238	2,618	36.2%
Middlebury	7,948	3,592	45.2%	8,318	4,103	49.3%	8,522	4,509	52.9%	8,828	5,065	57.4%
Monroe	18,521	11,762	63.5%	16,152	12,605	78.0%	14,002	13,270	94.8%	11,961	16,120	134.8%
Morris	2,368	127	5.4%	2,332	127	5.4%	2,310	127	5.5%	2,202	127	5.8%
Naugatuck	31,973	26,179	81.9%	32,339	26,476	81.9%	32,638	26,694	81.8%	31,854	26,819	84.2%
New Canaan	19,744	10,642	53.9%	18,152	10,692	58.9%	17,189	10,761	62.6%	22,276	13,425	60.3%
New Fairfield	13,060	2,567	19.7%	11,033	2,641	23.9%	9,191	2,739	29.8%	7,324	2,973	40.6%
New Hartford	7,170	1,826	25.5%	7,262	1,856	25.6%	7,256	2,080	28.7%	7,047	2,744	38.9%
New Milford	27,594	11,316	41.0%	26,133	11,667	44.6%	24,760	11,692	47.2%	22,723	11,925	52.5%
Newtown	28,075	6,607	23.5%	27,498	8,082	29.4%	26,825	9,977	37.2%	33,864	12,093	35.7%
Norfolk	1,681	837	49.8%	1,592	837	52.6%	1,506	837	55.6%	1,506	837	55.6%
North Canaan	3,214	1,495	46.5%	3,098	1,495	48.3%	2,993	1,495	49.9%	2,794	1,495	53.5%
Norwalk	85,927	83,434	97.1%	86,888	85,995	99.0%	88,249	90,980	103.1%	97,110	100,686	103.7%
Oxford	13,842	2,263	16.3%	15,353	2,712	17.7%	16,355	3,266	20.0%	19,270	4,454	23.1%
Plymouth	12,250	6,155	50.2%	12,149	6,289	51.8%	11,986	6,355	53.0%	11,384	6,388	56.1%
Prospect	9,366	2,552	27.3%	9,063	2,565	28.3%	8,692	2,665	30.7%	8,216	2,965	36.1%
Redding	9,263	739	8.0%	9,113	684	7.5%	9,065	704	7.8%	9,007	788	8.7%
Ridgefield	24,541	8,726	35.6%	22,608	8,805	38.9%	21,304	8,827	41.4%	26,624	10,605	39.8%
Roxbury	2,290	36	1.6%	2,227	36	1.6%	2,176	36	1.7%	2,039	36	1.8%
Salisbury	3,617	2,476	68.5%	3,240	2,476	76.4%	2,945	2,476	84.1%	2,405	2,476	103.0%
Seymour	16,675	10,972	65.8%	16,836	11,076	65.8%	16,924	11,417	67.5%	16,753	12,785	76.3%
Sharon	2,612	865	33.1%	2,264	865	38.2%	1,963	865	44.1%	1,520	865	56.9%
Shelton	39,102	31,894	81.6%	37,832	33,498	88.5%	36,567	34,260	93.7%	34,543	37,527	108.6%
Sherman	3,279	259	7.9%	2,794	259	9.3%	2,349	282	12.0%	1,803	282	15.6%
Southbury	19,661	7,455	37.9%	19,244	7,524	39.1%	18,986	7,771	40.9%	18,758	8,208	43.8%
Stamford	123,941	119,475	96.4%	127,213	122,577	96.4%	129,813	124,137	95.6%	128,825	136,305	105.8%
Stratford	51,530	52,316	101.5%	52,478	52,396	99.8%	53,816	52,403	97.4%	60,709	56,393	92.9%
Thomaston	7,884	3,905	49.5%	7,796	3,930	50.4%	7,694	4,028	52.4%	7,370	4,083	55.4%
Torrington	36,478	33,163	90.9%	37,020	34,036	91.9%	37,562	39,944	106.3%	37,315	42,098	112.8%
Trumbull	35,984	36,606	101.7%	34,871	36,245	103.9%	33,667	36,390	108.1%	33,154	37,010	111.6%
Warren	1,564	84	5.4%	1,583	85	5.4%	1,586	85	5.4%	1,520	85	5.6%
Washington	3,508	1,588	45.3%	3,227	1,588	49.2%	2,955	1,613	54.6%	2,462	1,620	65.8%
Waterbury	111,084	108,035	97.3%	113,933	111,156	97.6%	117,111	114,178	97.5%	122,998	115,908	94.2%
Watertown	22,344	16,551	74.1%	21,774	17,533	80.5%	21,220	20,972	98.8%	19,871	30,422	153.1%
Weston	9,659	395	4.1%	8,330	418	5.0%	7,697	426	5.5%	7,007	458	6.5%
Westport	26,194	26,119	99.7%	23,639	26,788	113.3%	21,598	27,640	128.0%	26,026	32,963	126.7%
Wilton	17,723	4,418	24.9%	15,809	3,918	24.8%	14,390	3,981	27.7%	17,570	4,750	27.0%
Winchester	11,304	7,784	68.9%	11,350	7,945	70.0%	11,325	8,777	77.5%	10,938	10,310	94.3%
Wolcott	16,909	3,776	22.3%	16,879	4,083	24.2%	16,773	5,425	32.3%	16,510	6,120	37.1%
Woodbury	10,001	3,003	30.0%	9,735	3,017	31.0%	9,502	3,043	32.0%	9,052	3,043	33.6%
TOTAL	**1,472,375**	**1,141,013**	**77.5%**	**1,459,777**	**1,176,040**	**80.3%**	**1,451,427**	**1,224,002**	**83.8%**	**1,515,665**	**1,353,799**	**86.8%**

Total Population is from CT SDC as interpolated or extrapolated per discussion in Appendix C.

Residential Service Population is provided by water utilities, WSPs, or DPH records as applied per discussion in Appendix B and is based on most recent data available.

At present, approximately 78% of the population in the region is served by public water. This estimate is based on service area population data supplied by each water utility and CT SDC projections of the regional population. Within the 5-year planning period, 80% of the population is projected to be served by public water. This is forecast to increase to approximately 84% in the 20-year planning period and to approximately 87% within the 50-year planning period. Bridgeport is the only community that is 100% served by public water supply although other towns such as Darien, Derby, Stratford, and Trumbull are nearly 100% served.

In some cases, the projected service ratio in Table 3-4 exceeds 100%. For current (2015 or 2016) service ratios, these are in some cases above 100% because the service ratios in WSPs were calculated using occupancy rates and population from the 2010 census (or, in rare cases, the 2000 census) and are out of date for the current CT SDC population projections. Similarly, the utility projections in WSPs were in most cases performed using previous versions of the CT SDC population projections, and in some cases included specific knowledge of significant projects not considered in CT SDC projections. As an example of the former case, a 124.7% service ratio is shown in Derby for 2060 based on residential needs from earlier population projections. For an example of the latter case, proposed system consolidations in Brookfield will greatly increase the service ratio in that community. These demands are maintained herein as they are conservative and therefore appropriate for long-range planning.

Existing and projected public water system demands for residential, nonresidential, unaccounted-for water, and ADD for each town in the Western PWSMA are presented in Table 3-5. These include ADD for all community, NTNC, and TNC systems within the borders of each town, with data for systems serving multiple towns apportioned per the discussion in Appendix B. Note that sales of water to other utilities are included in nonresidential demands. Total ADD is the sum of all demands within such systems along with demands for sales of water to other utilities. System ADD represents the water that is actually used within the boundary without counting the sales. Removing the sales to calculate system ADD is necessary to avoid double-counting the sales, which would otherwise be counted by both the seller (as demand) and the purchaser (as consumption).

The service ratios in Table 3-4 highlight the dynamic nature of water supply planning and need for consistent updates to such planning. Although residential service ratios of above 100% are not technically possible, in many cases they were calculated because the water utility projections assumed that population in a town would continue to increase (and such population would require public water service), but the new CT SDC population projections (and the supplemental projections in Appendix C) predict otherwise. Such demands and service ratios from utility projections are maintained herein as they are conservative and therefore appropriate for long-range planning, with the expectation that individual utilities will adjust their projections in their next WSP update.

The projections in Table 3-5 are based on existing utility planning efforts and service estimates and do not necessarily take into account any future connections which could be gained by potential projects identified in this report, with the exception that they include the residential and nonresidential demands for the growth of new community and non-community water systems in Appendix B. The total public water system demand in the region for all public water systems is currently estimated at 139.011 mgd and is projected to increase to 150.183 mgd, 159.899 mgd, and 172.795 mgd in the 5-year, 20-year, and 50-year planning horizons.

Table 3-5: Existing and Projected ADD for Public Water Systems by Town (mgd)

Town	Current Demands (2015-2016)						5-Year Projected Demands (2023)						20-Year Projected Demands (2030)						50-Year Projected Demands (2060)					
	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD
Ansonia	0.942	0.714	0.205	1.860	-	1.860	1.002	0.724	0.192	1.917	-	1.917	1.059	0.657	0.191	1.907	-	1.907	1.169	0.681	0.206	2.056	-	2.056
Barkhamsted	0.007	0.022	-	0.029	-	0.029	0.007	0.022	-	0.029	-	0.029	0.007	0.022	-	0.029	-	0.029	0.007	0.022	-	0.029	-	0.029
Beacon Falls	0.262	0.059	0.041	0.361	-	0.361	0.366	0.119	0.060	0.545	-	0.545	0.392	0.126	0.059	0.577	-	0.577	0.481	0.153	0.070	0.704	-	0.704
Bethel	0.682	0.346	0.169	1.197	-	1.197	0.731	0.351	0.184	1.265	-	1.265	0.747	0.399	0.195	1.340	-	1.340	0.765	0.423	0.240	1.428	-	1.428
Bethlehem	0.005	0.011	-	0.015	-	0.015	0.005	0.011	-	0.015	-	0.015	0.005	0.011	-	0.015	-	0.015	0.005	0.011	-	0.015	-	0.015
Bridgeport	7.967	10.622	1.350	19.939	-	19.939	8.460	14.783	3.628	26.871	-	26.871	8.696	19.324	4.357	32.377	-	32.377	9.267	20.891	4.691	34.849	-	34.849
Bridgewater	0.006	0.004	-	0.010	-	0.010	0.006	0.004	-	0.010	-	0.010	0.006	0.004	-	0.010	-	0.010	0.006	0.004	-	0.010	-	0.010
Bristol	3.349	1.676	0.209	5.234	-	5.234	3.850	1.283	0.259	5.392	-	5.392	3.980	1.473	0.269	5.722	-	5.722	4.620	1.733	0.319	6.672	-	6.672
Brookfield	0.428	0.218	0.091	0.737	-	0.737	0.612	0.285	0.080	0.977	-	0.977	0.631	0.466	0.107	1.204	-	1.204	0.646	0.475	0.110	1.231	-	1.231
Burlington	0.107	0.041	0.006	0.154	-	0.154	0.107	0.041	0.007	0.154	-	0.154	0.208	0.073	0.013	0.294	-	0.294	0.239	0.083	0.016	0.338	-	0.338
Canaan	0.044	0.030	0.029	0.103	-	0.103	0.050	0.032	0.029	0.111	-	0.111	0.050	0.034	0.029	0.113	-	0.113	0.050	0.034	0.029	0.113	-	0.113
Cheshire	1.268	0.936	0.272	2.476	0.220	2.256	1.396	0.984	0.265	2.645	0.220	2.425	1.486	0.902	0.266	2.653	0.220	2.433	1.681	0.962	0.294	2.937	0.220	2.717
Colebrook	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041	-	0.041
Cornwall	0.012	0.010	0.001	0.024	-	0.024	0.013	0.011	0.001	0.024	-	0.024	0.013	0.011	0.001	0.024	-	0.024	0.013	0.011	0.001	0.024	-	0.024
Danbury	3.172	2.058	0.958	6.188	0.100	6.089	3.342	2.016	1.056	6.414	0.205	6.209	3.733	2.064	1.143	6.940	0.205	6.734	4.415	2.117	1.243	7.775	0.205	7.570
Darien	1.519	1.103	0.150	2.772	-	2.772	1.566	1.000	0.164	2.730	-	2.730	1.591	1.050	0.169	2.809	-	2.809	2.041	1.100	0.178	3.319	-	3.319
Derby	0.785	0.549	0.167	1.500	0.154	1.346	0.820	0.565	0.154	1.539	0.144	1.395	0.845	0.501	0.148	1.494	0.144	1.350	0.968	0.545	0.167	1.680	0.144	1.536
Easton	0.267	0.014	0.181	0.462	-	0.462	0.264	0.011	0.204	0.479	-	0.479	0.265	0.011	0.204	0.479	-	0.479	0.266	0.011	0.204	0.480	-	0.480
Fairfield	4.612	1.441	0.439	6.492	-	6.492	4.245	1.398	0.881	6.524	-	6.524	4.276	1.398	0.883	6.557	-	6.557	5.270	1.399	0.895	7.564	-	7.564
Goshen	0.007	0.041	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059
Greenwich	4.378	7.986	2.916	15.280	4.128	11.153	4.440	6.484	2.626	13.551	4.128	9.423	4.401	6.547	2.632	13.581	4.128	9.453	4.473	6.557	2.651	13.682	4.128	9.554
Hartland	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006	-	0.006
Harwinton	0.127	0.045	0.009	0.181	-	0.181	0.127	0.045	0.009	0.181	-	0.181	0.164	0.057	0.011	0.232	-	0.232	0.169	0.059	0.012	0.239	-	0.239
Kent	0.137	0.085	0.612	0.834	-	0.834	0.150	0.081	0.613	0.843	-	0.843	0.150	0.081	0.613	0.843	-	0.843	0.150	0.081	0.613	0.843	-	0.843
Litchfield	0.154	0.120	0.025	0.299	-	0.299	0.153	0.136	0.022	0.310	-	0.310	0.153	0.137	0.022	0.312	-	0.312	0.153	0.137	0.022	0.312	-	0.312
Middlebury	0.204	0.119	0.052	0.375	-	0.375	0.259	0.154	0.053	0.467	-	0.467	0.261	0.175	0.046	0.482	-	0.482	0.292	0.207	0.046	0.545	-	0.545
Monroe	0.717	0.147	0.062	0.926	-	0.926	0.819	0.223	0.161	1.203	-	1.203	0.862	0.224	0.168	1.254	-	1.254	1.048	0.227	0.198	1.473	-	1.473
Morris	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023
Naugatuck	1.396	0.343	0.511	2.250	-	2.250	1.432	0.345	0.437	2.214	-	2.214	1.444	0.348	0.264	2.056	-	2.056	1.451	0.365	0.199	2.014	-	2.014
New Canaan	0.768	0.796	0.393	1.957	-	1.957	0.799	0.647	0.355	1.802	-	1.802	0.823	0.658	0.364	1.845	-	1.845	1.015	0.683	0.384	2.082	-	2.082
New Fairfield	0.144	0.071	0.008	0.223	-	0.223	0.155	0.104	0.018	0.277	-	0.277	0.160	0.102	0.018	0.280	-	0.280	0.174	0.103	0.019	0.296	-	0.296
New Hartford	0.088	0.061	0.084	0.233	-	0.233	0.089	0.075	0.085	0.250	-	0.250	0.101	0.078	0.086	0.265	-	0.265	0.137	0.086	0.090	0.312	-	0.312
New Milford	0.576	0.729	0.160	1.464	-	1.464	0.587	0.662	0.306	1.555	-	1.555	0.590	0.656	0.301	1.547	-	1.547	0.601	0.656	0.303	1.560	-	1.560
Newtown	0.425	0.247	0.218	0.890	-	0.890	0.475	0.691	0.111	1.277	-	1.277	0.581	1.228	0.115	1.924	-	1.924	0.733	1.396	0.117	2.246	-	2.246
Norfolk	0.046	0.021	0.018	0.084	-	0.084	0.046	0.022	0.012	0.080	-	0.080	0.046	0.018	0.011	0.075	-	0.075	0.046	0.018	0.011	0.075	-	0.075
North Canaan	0.073	0.183	0.365	0.620	-	0.620	0.076	0.198	0.366	0.641	-	0.641	0.076	0.198	0.366	0.641	-	0.641	0.076	0.198	0.366	0.641	-	0.641
Norwalk	5.549	4.219	1.294	11.062	0.042	11.021	5.706	4.612	0.878	11.196	0.055	11.141	6.039	4.809	0.948	11.795	0.055	11.741	6.683	4.822	1.001	12.506	0.055	12.451
Oxford	0.129	0.119	0.030	0.277	0.041	0.236	0.187	0.168	0.025	0.380	0.041	0.339	0.200	0.201	0.037	0.438	0.041	0.397	0.276	0.253	0.049	0.578	0.041	0.537
Plymouth	0.336	0.084	0.032	0.451	-	0.451	0.339	0.084	0.032	0.455	-	0.455	0.343	0.086	0.032	0.461	-	0.461	0.344	0.087	0.032	0.463	-	0.463
Prospect	0.146	0.030	0.041	0.217	-	0.217	0.148	0.030	0.035	0.212	-	0.212	0.154	0.030	0.021	0.205	-	0.205	0.170	0.030	0.018	0.217	-	0.217
Redding	0.022	0.077	0.004	0.104	-	0.104	0.055	0.048	0.010	0.113	-	0.113	0.056	0.048	0.010	0.115	-	0.115	0.063	0.049	0.011	0.123	-	0.123
Ridgefield	0.628	0.307	0.113	1.049	-	1.049	0.637	0.338	0.103	1.078	-	1.078	0.750	0.318	0.116	1.184	-	1.184	0.883	0.328	0.116	1.327	-	1.327
Roxbury	0.003	0.003	-	0.005	-	0.005	0.003	0.003	-	0.005	-	0.005	0.003	0.003	-	0.005	-	0.005	0.003	0.003	-	0.005	-	0.005
Salisbury	0.171	0.127	0.048	0.347	-	0.347	0.159	0.147	0.048	0.354	-	0.354	0.159	0.131	0.046	0.335	-	0.335	0.159	0.131	0.046	0.335	-	0.335
Seymour	0.658	0.767	0.149	1.575	0.568	1.007	0.783	1.166	0.215	2.164	0.861	1.303	0.805	1.299	0.232	2.336	0.992	1.344	0.895	1.553	0.271	2.719	1.223	1.496
Sharon	0.061	0.053	-	0.114	-	0.114	0.061	0.101	-	0.162	-	0.162	0.061	0.089	-	0.150	-	0.150	0.061	0.084	-	0.145	-	0.145
Shelton	2.128	0.896	0.219	3.243	-	3.243	2.345	0.674	0.471	3.490	-	3.490	2.398	0.675	0.479	3.553	-	3.553	2.627	0.679	0.516	3.822	-	3.822
Sherman	0.010	0.011	0.005	0.027	-	0.027	0.011	0.011	0.002	0.024	-	0.024	0.012	0.011	0.001	0.025	-	0.025	0.012	0.011	0.001	0.025	-	0.025
Southbury	0.496	0.279	0.126	0.900	-	0.900	0.505	0.349	0.065	0.919	-	0.919	0.532	0.379	0.083	0.993	-	0.993	0.556	0.404	0.086	1.046	-	1.046
Stamford	8.624	7.389	1.799	17.812	-	17.812	9.173	6.005	1.669	16.848	-	16.848	9.503	6.105	1.717	17.325	-	17.325	10.328	6.105	1.809	18.242	-	18.242
Stratford	2.986	1.343	0.314	4.642	-	4.642	3.158	1.438	0.706	5.303	-	5.303	3.158	1.439	0.707	5.303	-	5.303	3.457	1.439	0.707	5.602	-	5.602
Thomaston	0.200	0.136	0.045	0.381	-	0.381	0.200	0.139	0.037	0.376	-	0.376	0.205	0.149	0.039	0.393	-	0.393	0.212	0.159	0.041	0.412	-	0.412
Torrington	1.524	0.495	0.106	2.126	0.131	1.995	1.566	0.496	0.108	2.170	0.131	2.039	1.838	0.578	0.127	2.544	0.131	2.412	1.937	0.609	0.134	2.680	0.131	2.549
Trumbull	2.488	0.642	0.227	3.357	-	3.357	2.718	0.709	0.535	3.962	-	3.962	2.729	0.710	0.536	3.975	-	3.975	2.776	0.710	0.544	4.030	-	4.030
Warren	0.003	0.003	-	0.006	-	0.006	0.003	0.003	-	0.006	-	0.006	0.003	0.003	-	0.006	-	0.006	0.003	0.003	-	0.006	-	0.006
Washington	0.117	0.047	0.007	0.170	-	0.170	0.117	0.049	0.005	0.170	-	0.170	0.117	0.045	0.004	0.166	-	0.166	0.118	0.045	0.004	0.167	-	0.167
Waterbury	8.408	3.402	2.425	14.235	1.020	13.214	8.841	4.647	2.765	16.252	1.398	14.854	9.145	5.143	1.921	16.209	1.655	14.553	9.246	6.016	2.052	17.314	2.261	15.053
Watertown	0.834	0.434	0.173	1.441	0.012	1.430	0.964	0.611	0.113	1.688	0.014	1.674	1.153	0.627	0.118	1.898	0.025	1.873	1.648	0.674	0.129	2.451	-	2.451
Weston	0.064	0.075	0.004	0.143	-	0.143	0.071	0.075	0.010	0.156	-	0.156	0.073	0.075	0.010	0.158	-	0.158	0.079	0.075	0.011	0.166	-	0.166
Westport	3.360	0.660	0.292	4.312	-	4.312	3.214	0.887	0.640	4.741	-	4.741	3.316	0.904	0.659	4.878	-	4.878	3.880	0.974	0.738	5.591	-	5.591
Wilton	0.290	0.382	0.046	0.717	-	0.717	0.337	0.335	0.096	0.768	-	0.768	0.342	0.335	0.097	0.775	-	0.775	0.404	0.337	0.101	0.843	-	0.843
Winchester	0.599	0.172	0.136	0.907	-	0.907	0.920	0.230	0.203	1.352	-	1.352	1.060	0.260	0.233	1.552	-	1.552	1.260	0.349	0.284	1.892	-	1.892
Wolcott	0.135	0.104	0.004	0.243	0.007	0.235	0.223	0.095	0.038	0.356	0.008	0.348	0.303	0.093	0.052	0.448	0.008	0.441	0.342	0.174	0.047	0.564	0.008	0.556
Woodbury	0.162	0.096	0.009	0.267	-	0.267	0.160	0.095	0.009	0.263	-	0.263	0.161	0.094	0.009	0.264	-	0.264	0.161	0.094	0.009	0.264	-	0.264
TOTAL	**74.809**	**53.264**	**17.361**	**145.434**	**6.423**	**139.011**	**79.064**	**57.159**	**21.165**	**157.388**	**7.205**	**150.183**	**82.430**	**63.777**	**21.296**	**167.503**	**7.604**	**159.899**	**91.020**	**67.732**	**22.459**	**181.211**	**8.416**	**172.795**

Data is summarized from Tables B-3 through B-6 in Appendix B with additions from Tables B-1 and B-2 in Appendix B, and represents the most current data available from water utilities, WSPs, or DPH records

3.4 ESA Holder Public Water Service Population and Average Day Demand Projections

The existing residential public water service population and projected residential public water service population for each ESA holder in the Western PWSMA are presented in Table 3-6. ESA holders have been assigned responsibility for providing future public water service to residents outside of existing service areas, and have the right of first refusal to own and operate new non-community water systems. See the *Final Recommended Exclusive Service Area Boundaries* (June 2017) for more details.

As ESA holders are likely to be responsible for providing water service to residents should a smaller satellite system not operated by the ESA holder be unable to provide adequate technical, managerial, and financial capacity, these residential service population projections include all systems within the outermost ESA boundary or boundaries of the ESA holder and may include satellite systems owned and operated by another ESA holder. For example, the total residential service population figure of 60,670 for Danbury Water Department includes the AWC satellite systems and other small community systems within the City of Danbury which are within the outermost boundary of the Danbury ESA. In addition, these projections incorporate the analysis for the growth of new CWSs in Appendix B.

Existing and projected demands for residential, nonresidential, unaccounted-for water, and ADD for each recommended or approved ESA holder are presented in Table 3-7. These include all community, NTNC, and TNC systems within each ESA boundary. Similar to Table 3-6, this table is specific to the outermost ESA boundary or boundaries of the ESA holder and may include satellite systems owned and operated by another ESA holder. For example, the total current system demand of 6.089 mgd within the outermost ESA of Danbury Water Department includes the demands for all of the AWC satellite systems, small community systems, and non-community water systems within the ESA boundary. Similar to Table 3-5, this table also includes the total sales to other utilities that occur within that ESA boundary in order to avoid double-counting the sales of water that occur. For Danbury, that includes sales to the AWC satellite systems and Candlewood Park.

These projections are based on existing utility planning efforts and do not necessarily take into account any future connections that could be gained by potential projects identified in this report, with the exception that they include the residential and nonresidential demands for the growth of new community and non-community water systems in Appendix B.

3.5 Public Water System Population and Demand Projections

Public water system demand projections are presented in Section 3.5 in comparison to existing available water. Such comparison is performed in order to provide a baseline for determination of future water supply needs in the region. Potential subtractions to available water are discussed beginning in Section 3.6.

3.5.1 Existing and Projected Service Population, Demands, and Available Water to Meet ADD

Existing and projected population; demands for residential, nonresidential, unaccounted-for water, and ADD; and available water for each CWS are presented in Appended Tables 1, 2, 3, and 4 for current conditions, the 5-year planning horizon, the 20-year planning horizon, and the 50-year planning horizon, respectively. These projections are based on existing utility planning efforts and do not necessarily take into account any future connections that could be gained by potential interconnection projects identified in this report.

Table 3-6: Existing and Projected Residential Service Population by ESA Holder

ESA Holder	2015-2016 Total Residential Service Population	2023 Total Residential Service Population	2030 Total Residential Service Population	2060 Total Residential Service Population
Aquarion Water Company	641,691	656,854	667,431	738,105
Bethel Water Department	9,790	9,924	10,191	10,499
Bristol Water Department	54,651	56,779	58,584	68,083
Connecticut Water Company	43,380	44,358	45,338	46,407
Danbury Water Department	60,670	64,011	71,603	83,672
ESA Unassigned	4,139	4,219	4,220	4,220
Heritage Village Water Company	8,648	9,194	9,847	10,845
New Fairfield WPCA	-	-	-	-
New Hartford WPCA	1,776	1,806	2,000	2,624
Norwalk First Taxing District	41,477	42,549	45,993	52,509
SCCRWA	57,371	61,989	65,331	73,797
Sharon Water Department	803	803	803	803
South Norwalk Electric & Water	42,002	43,491	45,032	48,222
State Agency Existing Service Area	300	300	300	300
Torrington Water Company	37,853	38,726	47,657	50,633
Town of Bethlehem	-	-	-	-
Town of Goshen	190	193	193	193
Town of Morris	127	127	127	127
Waterbury Water Department	108,035	111,156	114,178	115,908
Watertown Fire District	6,360	6,436	6,909	8,055
Watertown Water & Sewer Authority	10,191	11,096	14,062	22,368
Winsted Water Works	7,784	7,945	8,777	10,310
Wolcott Water Department	3,776	4,083	5,425	6,120
TOTAL	**1,141,013**	**1,176,040**	**1,224,002**	**1,353,799**

Notes: Residential Service Population in the table is for only those areas in the Western PWSMA.
Data is summarized from Tables B-3 through B-6 in Appendix B with additions from Tables B-1 and B-2 in Appendix B and represents the most current data available from water utilities, WSPs, or DPH records

Table 3-7: Existing and Projected ADD for Exclusive Service Areas by ESA Holder (mgd)

ESA Holder	Current Demands (2015-2016)						5-Year Projected Demands (2023)						20-Year Projected Demands (2030)						50-Year Projected Demands (2060)					
	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD	Residential Demand	Non-Residential Demand	Unaccounted-for Water	Total ADD	Water Sold to Other Systems	System ADD
Aquarion Water Company	44.049	36.121	9.599	89.769	4.128	85.641	46.059	37.995	13.449	97.504	4.128	93.376	47.183	43.502	14.332	105.017	4.128	100.890	52.224	45.487	15.015	112.726	4.128	108.599
Bethel Water Department	0.577	0.236	0.143	0.957	-	0.957	0.586	0.242	0.150	0.978	-	0.978	0.602	0.249	0.156	1.006	-	1.006	0.620	0.270	0.200	1.090	-	1.090
Bristol Water Department	3.352	1.676	0.209	5.238	-	5.238	3.853	1.283	0.259	5.396	-	5.396	3.983	1.473	0.269	5.726	-	5.726	4.623	1.733	0.319	6.676	-	6.676
Connecticut Water Company	2.341	0.720	0.697	3.758	-	3.758	2.438	0.760	0.605	3.803	-	3.803	2.471	0.796	0.409	3.676	-	3.676	2.532	0.856	0.341	3.730	-	3.730
Danbury Water Department	3.172	2.058	0.958	6.188	0.100	6.089	3.342	2.016	1.056	6.414	0.205	6.209	3.733	2.064	1.143	6.940	0.205	6.734	4.415	2.117	1.243	7.775	0.205	7.570
ESA Unassigned	0.277	0.221	0.633	1.131	-	1.131	0.283	0.221	0.633	1.136	-	1.136	0.283	0.223	0.633	1.138	-	1.138	0.283	0.223	0.633	1.138	-	1.138
Heritage Village Water Company	0.477	0.344	0.150	0.971	0.041	0.930	0.540	0.457	0.082	1.080	0.041	1.039	0.569	0.517	0.110	1.195	0.041	1.154	0.625	0.579	0.119	1.323	0.041	1.282
New Fairfield WPCA	-	0.013	0.000	0.013	-	0.013	-	0.013	0.000	0.013	-	0.013	-	0.013	0.000	0.013	-	0.013	-	0.013	0.000	0.013	-	0.013
New Hartford WPCA	0.085	0.060	0.084	0.230	-	0.230	0.087	0.075	0.085	0.248	-	0.248	0.097	0.078	0.086	0.262	-	0.262	0.131	0.086	0.089	0.306	-	0.306
Norwalk First Taxing District	2.779	1.707	1.295	5.781	-	5.781	2.851	2.415	0.878	6.143	-	6.143	3.082	2.604	0.947	6.633	-	6.633	3.518	2.485	1.000	7.003	-	7.003
SCCRWA	3.037	2.799	0.723	6.559	0.942	5.617	3.265	3.170	0.715	7.149	1.225	5.924	3.441	3.084	0.724	7.250	1.356	5.894	3.882	3.449	0.814	8.144	1.587	6.557
Sharon Water Department	0.056	0.050	-	0.106	-	0.106	0.056	0.098	-	0.154	-	0.154	0.056	0.086	-	0.142	-	0.142	0.056	0.081	-	0.137	-	0.137
South Norwalk Electric & Water	2.773	2.512	0.001	5.286	0.042	5.244	2.858	2.197	0.001	5.056	0.055	5.001	2.960	2.205	0.001	5.166	0.055	5.111	3.168	2.337	0.001	5.506	0.055	5.451
State Agency Existing Service Area	0.102	-	-	0.102	-	0.102	0.102	-	-	0.102	-	0.102	0.102	-	-	0.102	-	0.102	0.102	-	-	0.102	-	0.102
Torrington Water Company	1.741	0.573	0.121	2.435	0.131	2.304	1.783	0.573	0.123	2.479	0.131	2.348	2.194	0.699	0.152	3.045	0.131	2.913	2.331	0.741	0.161	3.233	0.131	3.102
Town of Bethlehem	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003	-	0.003
Town of Goshen	0.007	0.041	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059	0.007	0.042	0.011	0.059	-	0.059
Town of Morris	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023	0.006	0.018	-	0.023	-	0.023
Waterbury Water Department	8.408	3.402	2.425	14.235	1.020	13.214	8.841	4.647	2.765	16.252	1.398	14.854	9.145	5.143	1.921	16.209	1.655	14.553	9.246	6.016	2.052	17.314	2.261	15.053
Watertown Fire District	0.345	0.091	0.092	0.528	0.012	0.516	0.354	0.104	0.051	0.509	0.014	0.495	0.380	0.110	0.055	0.545	0.025	0.520	0.443	0.128	0.063	0.634	-	0.634
Watertown Water & Sewer Authority	0.489	0.340	0.081	0.910	-	0.910	0.610	0.503	0.062	1.175	-	1.175	0.773	0.513	0.063	1.349	-	1.349	1.205	0.542	0.066	1.814	-	1.814
Winsted Water Works	0.599	0.174	0.136	0.909	-	0.909	0.920	0.232	0.203	1.354	-	1.354	1.060	0.262	0.233	1.554	-	1.554	1.260	0.351	0.284	1.894	-	1.894
Wolcott Water Department	0.135	0.104	0.004	0.243	0.007	0.235	0.223	0.095	0.038	0.356	0.008	0.348	0.303	0.093	0.052	0.448	0.008	0.441	0.342	0.174	0.047	0.564	0.008	0.556
TOTAL	**74.809**	**53.264**	**17.361**	**145.434**	**6.423**	**139.011**	**79.065**	**57.159**	**21.165**	**157.388**	**7.205**	**150.183**	**82.430**	**63.777**	**21.296**	**167.503**	**7.604**	**159.899**	**91.021**	**67.732**	**22.459**	**181.211**	**8.416**	**172.795**

Notes: Demands in the table are for only those areas in Western PWSMA.

Data is summarized from Tables B-3 through B-6 in Appendix B with additions from Tables B-1 and B-2 in Appendix B and represents the most current data available from water utilities, WSPs, or DPH records

Projections for non-community water systems are not presented herein although they can be found in the tables in Appendix B. Note however that the vast majority, if not all, of non-community systems in the Western PWSMA are not anticipated to have increased water demands over the 50-year planning period.

Total public water supply demand for CWSs is expected to increase 23% over existing conditions from current demands of 136.473 mgd to 167.317 mgd in 2060. Residential water demand is projected to increase by 18% from current demands of 74.811 mgd to 88.105 mgd in 2060. Nonresidential demands (excluding sales) on CWSs are expected to increase 28% over existing conditions from current demands of 52.162 mgd to 66.579 mgd in 2060.

3.5.2 Deficits in Available Water to Meet ADD

Current Deficits in Available Water to Meet ADD

Several systems are currently listed as having an existing deficit of available water to meet ADD in Appended Table 1. These include the following systems with the reason for the deficit provided:

- AWC – Barnum (Ridgefield): Deficit of 0.010 mgd; available water from Danbury Water Department is not guaranteed by contract;
- AWC – Chimney Heights (Bethel): Deficit of 0.024 mgd; deficit is met through transfers from AWC – Newtown system;
- AWC – East Derby (Derby): Deficit of 0.004 mgd; ADD from SCCRWA was above Sale of Excess Water permit limit;
- AWC – Hollandale Estates (Danbury): Deficit of 0.011 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ken Oaks (Danbury): Deficit of 0.025 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – McKeon (Ridgefield): Deficit of 0.006 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ridgefield (Ridgefield): Deficit of 0.418 mgd; deficit met through transfers from AWC – Main system;
- AWC – Rolling Ridge (Danbury): Deficit of 0.008 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Southwest Fairfield County system[11] (Darien, Greenwich, New Canaan, Stamford): Deficit of 6.297 mgd; deficit met through transfers from AWC – Main system;
- Arrowhead Point Homeowners Association (Brookfield) Deficit of 0.001 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Canaan Water Department (Canaan): Deficit of 0.008 mgd; reported available water from wells insufficient, or well information is out of date;
- Candlewood Park, Inc. (Danbury): Deficit of 0.004 mgd; available water from Danbury Water Department but not guaranteed by contract;
- Farmington Line West Condominiums (Burlington): Deficit of 0.002 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);

[11] Includes Greenwich, New Canaan, Noroton, and Stamford subsystems.

- Lillinonah Park Estates Homeowners Association (New Milford): Deficit of 0.005 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Pine Grove Association, Inc. (Canaan): Deficit of 0.012 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower); and
- Rumsey Hall School (Washington) – Deficit of 0.009 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower).

Out of the 16 systems showing deficits, one was for a consecutive system where the ADD was above the contracted guarantee; six were for interconnected systems where the water from the interconnection was not guaranteed by contract; three were for AWC systems where deficits are met through transfers of water from other AWC systems; five were for well systems where the reported available water was less than ADD when estimated at 75 gpcd, and one was for a well system where available water appeared insufficient to meet demand. Therefore, only the Canaan Water Department system may be having difficulty meeting ADD with existing sources, although it is recognized that the data utilized in this report may be out of date for available water (and the deficit relatively minimal from a regional perspective at 0.008 mgd). The same deficits are carried in each projected planning horizon.

Relative to the AWC Ridgefield, Chimney Heights, and Southwest Fairfield County system deficits, it is important to note that AWC is operating these systems as if they were administratively consolidated with adjacent systems, such that true deficits are not occurring. In other words, for example, AWC – Ridgefield is not chronically low on water supply; it simply requires supply from the AWC – Main System and this is standard practice. The significance of this is that, taken as a whole, these AWC systems do not have a supply deficit under current conditions. Sufficient water exists to meet current needs.

A variety of water conservation methods may be utilized to reduce water demand as discussed in Section 2.4. The draft *State Water Plan* (January 2018) suggests that current regulations and passive phasing out of less efficient household fixtures could reduce residential demand by 10 gpcd and even up to 20 gpcd if active water conservation and water efficiency efforts are pursued. For the purposes of this planning document, passive water conservation measures are applied to community water systems to demonstrate the expected effect of passive conservation measures in the region, along with active measures conducted by certain utilities. CWSs have the greatest chance of conducting trackable water conservation and water efficiency measures as limited data is available for non-community water systems. The following assumptions were made to determine the potential water conservation benefits to each system:

- For systems where residential gpcd was above 50 gpcd, this report assumes that additional water conservation savings is possible. A residential water savings of 2 gpcd was assigned for the 5-year planning horizon, 6 gpcd for the 20-year planning horizon, and 10 gpcd for the 50-year planning horizon to represent passive water conservation savings.

- For systems where residential gpcd was above (but close to) 50 gpcd, a prorated water conservation savings was applied such that the residential gpcd did not fall below 50 gpcd.

- For systems where unaccounted for water is above 15%, this report assumes that utilities will be performing improvements (meter replacement, leak detection and main replacement, improved water auditing, etc.) to reduce unaccounted-for water. Unaccounted-for water was reduced to 15%

of system demand (demands not including sales to other utilities). No adjustment to unaccounted-for water was made for systems with unaccounted-for water percentages of 15% or below.

Overall, the water conservation measures above are relatively modest compared to the types of measures that could be performed to greatly curtail use, and it is recognized that for some systems additional water conservation measures would be appropriate. Nevertheless, when these water conservation measures are assigned to the projections for the 5-year, 20-year, and 50-year planning horizons, the result is reduced water demand projections for several systems. The following sections discuss the projections for each planning horizon and the potential reduction in demand that could potentially be achieved by the water conservation measures discussed above.

5-Year Planning Horizon Deficits in Available Water to Meet ADD

The following systems are identified as having a projected deficit in available water to meet ADD in the 5-year planning horizon (Appended Table 2). These include the following systems, with the reason for the deficit provided:

- AWC – Barnum (Ridgefield): Deficit of 0.013 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Chimney Heights (Bethel): Deficit of 0.007 mgd; deficit met through transfers from AWC – Newtown system;
- AWC – Hollandale Estates (Danbury): Deficit of 0.010 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ken Oaks (Danbury): Deficit of 0.008 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – McKeon (Ridgefield): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ridgefield (Ridgefield): Deficit of 0.434 mgd; deficit met through transfers from AWC – Main system;
- AWC – Rolling Ridge (Danbury): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Southwest Fairfield County system (Darien, Greenwich, New Canaan, Stamford): Deficit of 3.259 mgd; deficit met through transfers from AWC – Main system;
- Arrowhead Point Homeowners Association (Brookfield): Deficit of 0.001 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Canaan Water Department (Canaan): Deficit of 0.008 mgd; reported available water from wells insufficient, or well information is out of date;
- Candlewood Park, Inc. (Danbury): Deficit of 0.004 mgd; available water from Danbury Water Department but not guaranteed by contract;
- Farmington Line West Condominiums (Burlington): Deficit of 0.002 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Lillinonah Park Estates Homeowners Association (New Milford): Deficit of 0.005 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Pine Grove Association, Inc. (Canaan): Deficit of 0.012 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower); and

- Rumsey Hall School (Washington): Deficit of 0.009 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower).

Out of the 15 systems showing deficits, none are new to the list, while AWC – East Derby is not projected to have an available water deficit for ADD in the 5-year planning horizon per AWC's system projections.

As noted on Appended Table 2, the regional ADD for the community systems totals 147.378 mgd for the 5-year planning horizon. Future water conservation efforts described above would reduce this demand to 143.100 mgd, a savings of 4.278 mgd region-wide or 2.9% through 2023.

20-Year Planning Horizon Deficits in Available Water to Meet ADD

The following systems are identified as having a projected deficit in available water to meet ADD in the 20-year planning horizon (Appended Table 3). These include the following systems, with the reason for the deficit provided:

- AWC – Barnum (Ridgefield): Deficit of 0.013 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Brookfield (Brookfield): Deficit of 0.006 mgd; available water from wells insufficient for projected demand;
- AWC – Chimney Heights (Bethel): Deficit of 0.054 mgd; deficit met through transfers from AWC – Newtown system;
- AWC – Hollandale Estates (Danbury): Deficit of 0.010 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ken Oaks (Danbury): Deficit of 0.008 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – McKeon (Ridgefield): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Newtown (Newtown): Deficit of 0.421 mgd; available water from wells insufficient for projected demand;
- AWC – Ridgefield (Ridgefield): Deficit of 0.560 mgd; deficit met through transfers from AWC – Main system;
- AWC – Rolling Ridge (Danbury): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Southwest Fairfield County system (Darien, Greenwich, New Canaan, Stamford): Deficit of 3.889 mgd; deficit met through transfers from AWC – Main system;
- Arrowhead Point Homeowners Association (Brookfield): Deficit of 0.001 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Canaan Water Department (Canaan): Deficit of 0.008 mgd; reported available water from wells insufficient, or well information is out of date;
- Candlewood Park, Inc. (Danbury): Deficit of 0.004 mgd; available water from Danbury Water Department but not guaranteed by contract;
- Farmington Line West Condominiums (Burlington): Deficit of 0.002 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);

- Lillinonah Park Estates Homeowners Association (New Milford): Deficit of 0.005 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Pine Grove Association, Inc. (Canaan): Deficit of 0.012 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower); and
- Rumsey Hall School (Washington): Deficit of 0.009 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower).

The same 15 systems listed for the 5-year planning horizon are also projected to have available water deficits to meet ADD in the 20-year planning horizon, with two additions. The AWC – Brookfield and AWC – Newtown systems are both projected to have deficits of available water to meet MMADD in the 20-year planning period. AWC anticipates that available water for the Brookfield system will increase to 1.276 mgd in the 20-year planning period through consolidated sources, new sources, and/or interconnections. Similarly, AWC anticipates that available water in the Newtown system will increase to 2.324 mgd in the 20-year planning period through new sources or interconnections. Therefore, the deficits in these two systems are already being addressed by planned improvements.

As noted on Appended Table 3, the regional ADD for the community systems totals 156.759 mgd for the 20-year planning horizon. Future water conservation efforts described above would reduce this demand to 149.182 mgd, a savings of 7.577 mgd region-wide or 5.2% through 2030. In addition, the expected water conservation benefits would remove the AWC – Brookfield and Arrowhead Point Homeowners Association systems from depicting a deficit of available water to meet ADD.

50-Year Planning Horizon Deficits in Available Water to Meet ADD

The following systems are identified as having a projected deficit in available water to meet ADD in the 50-year planning horizon (Appended Table 4). These include the following systems, with the reason for the deficit provided:

- AWC – Barnum (Ridgefield): Deficit of 0.013 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Brookfield (Brookfield): Deficit of 0.030 mgd; available water from wells insufficient for projected demand;
- AWC – Chimney Heights (Bethel): Deficit of 0.058 mgd; deficit met through transfers from AWC – Newtown system;
- AWC – Hollandale Estates (Danbury): Deficit of 0.010 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Ken Oaks (Danbury): Deficit of 0.008 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – McKeon (Ridgefield): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;
- AWC – Newtown (Newtown): Deficit of 0.590 mgd; available water from wells insufficient for projected demand;
- AWC – Ridgefield (Ridgefield): Deficit of 0.556 mgd; deficit met through transfers from AWC – Main system;
- AWC – Rolling Ridge (Danbury): Deficit of 0.007 mgd; available water from Danbury Water Department but not guaranteed by contract;

- AWC – Southwest Fairfield County system (Darien, Greenwich, New Canaan, Stamford): Deficit of 5.169 mgd; deficit met through transfers from AWC – Main system;
- Arrowhead Point Homeowners Association (Brookfield): Deficit of 0.001 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Canaan Water Department (Canaan): Deficit of 0.008 mgd; reported available water from wells insufficient, or well information is out of date;
- Candlewood Park, Inc. (Danbury): Deficit of 0.004 mgd; available water from Danbury Water Department but not guaranteed by contract;
- Farmington Line West Condominiums (Burlington): Deficit of 0.002 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Lillinonah Park Estates Homeowners Association (New Milford): Deficit of 0.005 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Pine Grove Association, Inc. (Canaan): Deficit of 0.012 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower);
- Rumsey Hall School (Washington): Deficit of 0.009 mgd; reported available water from wells insufficient for estimated demand at 75 gpcd (actual per-capita demand is likely lower); and
- South Norwalk Electric & Water (Norwalk, Wilton): Deficit of 0.040 mgd; reported available water insufficient to meet projected demand.

The same 17 systems listed for the 20-year planning horizon are also projected to have available water deficits to meet ADD in the 50-year planning horizon, with one addition. South Norwalk Electric & Water projects a slight deficit to meet ADD in 2060. The utility has identified potential alternatives to address this deficit in its WSP. Therefore, the deficits in this system are already being addressed by planned improvements.

As noted on Appended Table 4, the regional ADD for the community systems totals 167.287 mgd for the 50-year planning horizon. Future water conservation efforts described above would reduce this demand to 155.232 mgd, a savings of 12.055 mgd region-wide or 7.2% through 2060. Importantly, the expected water conservation benefits would remove AWC – Brookfield, Arrowhead Point Homeowners Association, Candlewood Park, Inc., and South Norwalk Electric & Water from depicting a deficit of available water to meet ADD. Methods to address the deficits identified in the 5-year, 20-year, and 50-year planning horizons are discussed in Section 3.7.

3.5.3 Existing and Projected Service Population, Demands, and Available Water to Meet MMADD

MMADD, or the highest ADD demand during any one calendar month of the year, is typically calculated and published for larger systems that submit WSPs. Table 3-8 presents a summary of existing and projected MMADD for the large CWSs based on both the standard projections above as well as the projections adjusted for water conservation measures. On average, the existing and projected peaking factor for MMADD (the MMADD divided by ADD) for the large CWSs in the region is 1.3, and ranges from 1.1 to 1.6 for most large systems. Projected available water supply deficits for meeting MMADD are discussed in the following section.

Table 3-8: Existing and Projected MMADD (mgd)

Large Community Water System	2015-2016 Total ADD	2015-2016 MMADD	Peaking Factor	2023 Total ADD	Projected Peaking Factor	2023 MMADD	2023 Total ADD with Water Conservation	2023 MMADD with Water Conservation	2030 Total ADD	Projected Peaking Factor	2030 MMADD	2030 Total ADD with Water Conservation	2030 MMADD with Water Conservation	2060 Total ADD	Projected Peaking Factor	2060 MMADD	2060 Total ADD with Water Conservation	2060 MMADD with Water Conservation
Aquarion Water Company – Brookfield	0.278	0.305	1.10	0.607	1.33	0.807	0.598	0.795	0.833	1.33	1.108	0.797	1.060	0.857	1.33	1.140	0.796	1.059
Aquarion Water Company – Chimney Heights	0.186	0.227	1.22	0.289	1.27	0.367	0.284	0.360	0.336	1.27	0.427	0.320	0.407	0.340	1.27	0.432	0.319	0.405
Aquarion Water Company – East Derby	0.154	0.177	1.15	0.144	1.21	0.174	0.142	0.171	0.144	1.21	0.174	0.137	0.165	0.144	1.21	0.174	0.132	0.160
Aquarion Water Company – Litchfield	0.265	0.343	1.29	0.279	1.23	0.343	0.274	0.337	0.280	1.23	0.345	0.266	0.328	0.280	1.23	0.345	0.257	0.317
Aquarion Water Company – Main System	44.009	55.781	1.27	53.216	1.35	71.842	52.472	70.837	58.914	1.35	79.534	56.651	76.479	62.649	1.35	84.576	58.656	79.186
Aquarion Water Company – New Milford	1.010	1.105	1.09	1.100	1.12	1.232	1.100	1.232	1.188	1.12	1.330	1.188	1.330	1.201	1.12	1.345	1.201	1.345
Aquarion Water Company – Newtown	0.592	0.740	1.25	0.937	1.23	1.153	0.937	1.153	1.564	1.23	1.924	1.564	1.924	1.733	1.23	2.132	1.733	2.132
Aquarion Water Company – North Canaan	0.224	0.262	1.17	0.245	1.26	0.308	0.243	0.307	0.245	1.26	0.308	0.243	0.307	0.245	1.26	0.308	0.243	0.307
Aquarion Water Company – Ridgefield	0.900	1.181	1.31	0.931	1.36	1.266	0.916	1.245	1.084	1.36	1.474	1.034	1.406	1.101	1.36	1.497	1.015	1.380
Aquarion Water Company – Salisbury	0.316	0.431	1.37	0.323	1.34	0.433	0.319	0.428	0.304	1.34	0.407	0.293	0.392	0.304	1.34	0.407	0.285	0.382
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan	37.668	48.166	1.28	34.630	1.50	51.944	32.962	49.443	35.260	1.50	52.890	32.745	49.118	36.540	1.50	54.810	33.009	49.514
Aquarion Water Company – Valley	1.202	1.572	1.31	1.660	1.30	2.158	1.630	2.119	1.730	1.30	2.249	1.635	2.126	2.030	1.30	2.639	1.842	2.395
Aquarion Water Company – Woodbury	0.146	0.165	1.13	0.142	1.19	0.169	0.140	0.166	0.143	1.19	0.170	0.139	0.166	0.143	1.19	0.170	0.139	0.166
Bethel Water Department	0.936	1.109	1.18	0.957	1.10	1.053	0.933	1.027	0.985	1.10	1.084	0.920	1.013	1.069	1.10	1.176	0.938	1.032
Bristol Water Department	5.232	6.726	1.29	5.390	1.17	6.310	5.277	6.177	5.720	1.17	6.690	5.369	6.280	6.670	1.17	7.800	5.990	7.005
Candlewood Shores Tax District	0.057	0.070	1.23	0.071	1.23	0.087	0.068	0.084	0.072	1.23	0.088	0.068	0.084	0.075	1.23	0.092	0.072	0.088
CWC – Central System	2.724	3.131	1.15	2.663	1.32	3.523	2.466	3.263	2.489	1.31	3.269	2.360	3.101	2.477	1.28	3.158	2.346	2.992
CWC – Terryville System	0.439	0.523	1.19	0.442	1.26	0.557	0.429	0.542	0.448	1.29	0.581	0.423	0.548	0.451	1.63	0.736	0.426	0.696
CWC – Thomaston System	0.389	0.460	1.18	0.384	1.09	0.420	0.381	0.417	0.401	1.13	0.452	0.398	0.448	0.420	1.29	0.541	0.412	0.531
Danbury Water Department	5.942	7.440	1.25	6.180	1.18	7.300	5.930	7.004	6.710	1.18	7.930	6.439	7.610	7.340	1.18	8.670	7.051	8.329
Fairfield Hills	0.168	0.192	1.14	0.208	1.50	0.312	0.207	0.310	0.234	1.50	0.351	0.228	0.342	0.234	1.50	0.351	0.224	0.337
Heritage Village Water Company	1.041	1.470	1.41	1.233	1.40	1.726	1.212	1.697	1.373	1.40	1.922	1.306	1.828	1.539	1.40	2.154	1.435	2.008
New Hartford Water Department	0.104	0.116	1.11	0.121	1.20	0.145	0.118	0.142	0.135	1.20	0.162	0.129	0.154	0.180	1.20	0.216	0.171	0.205
Norwalk First Taxing District	5.790	6.610	1.14	6.150	1.25	7.690	6.065	7.583	6.640	1.25	8.310	6.363	7.964	7.010	1.25	8.770	6.485	8.113
South Central Connecticut Regional Water Authority	6.363	8.226	1.29	6.963	1.29	9.001	6.842	8.845	7.052	1.29	9.117	6.925	8.953	7.946	1.29	10.272	7.801	10.086
South Norwalk Electric & Water	5.320	6.620	1.24	5.090	1.23	6.260	5.002	6.152	5.200	1.17	6.100	4.927	5.779	5.540	1.17	6.470	5.052	5.900
Southbury Training School	0.102	0.162	1.59	0.102	1.59	0.162	0.102	0.161	0.102	1.59	0.162	0.100	0.159	0.102	1.59	0.162	0.099	0.157
Torrington Water Company	2.419	2.836	1.17	2.461	1.14	2.813	2.461	2.813	3.027	1.14	3.460	3.027	3.460	3.215	1.14	3.675	3.215	3.675
Waterbury Water Department	14.177	15.881	1.12	16.198	1.30	21.058	15.444	20.077	15.955	1.30	20.742	15.291	19.879	17.061	1.30	22.180	15.937	20.718
Watertown Fire District	0.528	0.710	1.34	0.509	1.28	0.651	0.496	0.635	0.545	1.28	0.698	0.510	0.654	0.634	1.28	0.812	0.594	0.760
Watertown Water & Sewer Authority	0.898	1.214	1.35	1.162	1.48	1.720	1.140	1.688	1.324	1.48	1.960	1.256	1.859	1.814	1.48	2.680	1.727	2.551
Winsted Water Works	0.905	1.043	1.15	1.350	1.12	1.510	1.334	1.492	1.550	1.12	1.740	1.497	1.681	1.890	1.12	2.120	1.787	2.004
Wolcott Water Department	0.118	0.157	1.33	0.232	1.59	0.370	0.227	0.361	0.327	1.59	0.520	0.305	0.485	0.443	1.57	0.696	0.417	0.655
AVERAGE			**1.24**		**1.29**					**1.29**					**1.30**			

Note: SCCRWA demands are just for areas of system in Western PWSMA.

Data represents the most current data available from water utilities or WSPs, projected forward if necessary per discussion in Appendix B.

3.5.4 Deficits in Available Water to Meet MMADD

Currently available water is compared to existing and projected MMADD for large CWSs in Table 3-9a. Recall from Section 2.3 that CT DPH recently developed forms to be utilized for calculation of available water that no longer allow previous guidance regarding water treatment plant capacity, peaking ratios from safe yield studies, supplemental supplies, or certain contractual guarantees to be utilized. Therefore, several systems that are reliant on surface water supplies, supplemental groundwater supplies, or interconnections are shown (on paper) as having low MOS to meet MMADD even though water is accessible by the system.

For the purposes of the remaining discussion:

- Tables with the suffix "a" represent unaltered projections provided by utilities, taken from water supply plans, or otherwise developed per Appendix B;
- Tables with the suffix "b" alter the projections with passive water conservation measures described in Section 3.5.2; and
- Tables with the suffix "c" include both the passive water conservation measures and adjustments to available water for meeting MMADD described in this section.

The combined regional MOS (MMADD divided by available water) for large CWSs in the region is expected to decline from the current figure of 1.18 to less than the recommended figure of 1.15 (and slightly above 1.00) in 2023, and continue declining to 0.89 in 2060. The regional available water deficit for large CWSs to meet MMADD is 9.949 mgd in 2030 and 23.800 mgd in 2060. Several systems are showing deficits in available water that are regionally significant sooner than 2060. Some of these systems are reservoir systems wherein available water may be further reduced by releases required by the Streamflow Standards and Regulations. These reductions are discussed in Section 3.6.

The application of passive water conservation measures to the utility projections significantly improves regional MOS and reduces projected deficits of available water in the region. The use of targeted water conservation and water efficiency measures is expected to further improve regional MOS and reduce projected deficits.

Table 3-9b depicts existing and projected MMADD for large CWSs after adjusting for the water conservation measures discussed in Section 3.5.2. The water conservation measures greatly improve regional MOS in the region, with the current figure of 1.18 declining to less than 1.15 (but still above 1.00) in 2023, declining to slightly below 1.00 in 2030, and declining to only 0.95 in 2060. Several large community systems continue to show regionally-significant deficits sooner than 2060, but the overall need is mitigated by the water conservation measures. The projected deficit of available water to meet MMADD is only 7.868 mgd in 2060 for the large community systems, a significant improvement over the 23.839 mgd projected for 2060 above.

The calculation of available water for several large CWSs (Section 2.3) appears to be impacted by the methodology standardized on the DPH forms for calculation of available water. Based on a review of water supply planning data, it appears that the AWC – Main, AWC – Southwest Fairfield County, Bristol Water Department, Danbury Water Department, Norwalk First Taxing District, South Norwalk Electric & Water, and Waterbury Water Department are immediately affected as those systems were previously representing a measure of treatment plant capacity to calculate MOS for MMADD.

Table 3-9a: System Margin of Safety to Meet MMADD

Large Community Water System	2015-2016 Total Available Water	2015-2016 MMADD	2015-2016 MOS for MMADD	2015-2016 Surplus / Deficit of Available Water	2023 Total Available Water	2023 MMADD	2023 MOS for MMADD	2023 Surplus / Deficit of Available Water	2030 Total Available Water	2030 MMADD	2030 MOS for MMADD	2030 Surplus / Deficit of Available Water	2060 Total Available Water	2060 MMADD	2060 MOS for MMADD	2060 Surplus / Deficit of Available Water
Aquarion Water Company – Brookfield	0.585	0.305	1.92	0.280	0.827	0.807	1.02	0.020	0.827	1.108	0.75	(0.281)	0.827	1.140	0.73	(0.313)
Aquarion Water Company – Chimney Heights	0.162	0.227	0.71	(0.065)	0.282	0.367	0.77	(0.085)	0.282	0.427	0.66	(0.145)	0.282	0.432	0.65	(0.150)
Aquarion Water Company – East Derby	0.150	0.177	0.85	(0.027)	0.150	0.174	0.86	(0.024)	0.150	0.174	0.86	(0.024)	0.150	0.174	0.86	(0.024)
Aquarion Water Company – Litchfield	0.566	0.343	1.65	0.223	0.566	0.343	1.65	0.224	0.566	0.345	1.64	0.222	0.566	0.345	1.64	0.222
Aquarion Water Company – Main System	72.130	55.781	1.29	16.349	72.130	71.842	1.00	0.288	72.130	79.534	0.91	(7.404)	72.130	84.576	0.85	(12.446)
Aquarion Water Company – New Milford	2.895	1.105	2.62	1.790	2.895	1.232	2.35	1.663	3.078	1.330	2.31	1.748	3.078	1.345	2.29	1.733
Aquarion Water Company – Newtown	1.124	0.740	1.52	0.384	1.124	1.153	0.98	(0.029)	1.143	1.924	0.59	(0.780)	1.143	2.132	0.54	(0.988)
Aquarion Water Company – North Canaan	0.610	0.262	2.33	0.348	0.610	0.308	1.98	0.302	0.610	0.308	1.98	0.302	0.610	0.308	1.98	0.302
Aquarion Water Company – Ridgefield	0.482	1.181	0.41	(0.699)	0.482	1.266	0.38	(0.784)	0.551	1.474	0.37	(0.924)	0.574	1.497	0.38	(0.923)
Aquarion Water Company – Salisbury	0.845	0.431	1.96	0.414	0.845	0.433	1.95	0.412	0.845	0.407	2.07	0.438	0.845	0.407	2.07	0.438
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	31.371	48.166	0.65	(16.795)	31.371	51.944	0.60	(20.573)	31.371	52.890	0.59	(21.519)	31.371	54.810	0.57	(23.439)
Aquarion Water Company – Valley	4.890	1.572	3.11	3.318	4.890	2.158	2.27	2.732	4.890	2.249	2.17	2.641	4.890	2.639	1.85	2.251
Aquarion Water Company – Woodbury	0.270	0.165	1.64	0.105	0.270	0.169	1.60	0.101	0.270	0.170	1.59	0.100	0.270	0.170	1.59	0.100
Bethel Water Department	1.360	1.109	1.23	0.252	1.360	1.053	1.29	0.307	1.360	1.084	1.25	0.276	1.360	1.176	1.16	0.184
Bristol Water Department	7.370	6.726	1.10	0.644	7.370	6.310	1.17	1.060	7.370	6.690	1.10	0.680	7.370	7.800	0.94	(0.430)
Candlewood Shores Tax District	0.132	0.070	1.89	0.062	0.132	0.087	1.52	0.045	0.132	0.088	1.50	0.044	0.132	0.092	1.43	0.040
CWC – Central System	4.580	3.131	1.46	1.449	4.580	3.523	1.30	1.057	4.580	3.269	1.40	1.311	4.580	3.158	1.45	1.422
CWC – Terryville System	1.318	0.523	2.52	0.795	1.318	0.557	2.36	0.761	1.318	0.581	2.27	0.737	1.318	0.736	1.79	0.582
CWC – Thomaston System	1.259	0.460	2.74	0.799	1.259	0.420	2.99	0.839	1.259	0.452	2.79	0.807	1.259	0.541	2.33	0.718
Danbury Water Department	8.930	7.440	1.20	1.490	9.410	7.300	1.29	2.110	8.580	7.930	1.08	0.650	8.580	8.670	0.99	(0.090)
Fairfield Hills	0.666	0.192	3.48	0.475	0.666	0.312	2.13	0.354	0.666	0.351	1.90	0.316	0.666	0.351	1.90	0.316
Heritage Village Water Company	2.540	1.470	1.73	1.070	2.540	1.726	1.47	0.814	2.540	1.922	1.32	0.618	2.540	2.154	1.18	0.386
New Hartford Water Department	0.378	0.116	3.27	0.262	0.378	0.145	2.60	0.233	0.378	0.162	2.33	0.216	0.378	0.216	1.75	0.162
Norwalk First Taxing District	7.750	6.610	1.17	1.140	7.750	7.690	1.01	0.060	7.750	8.310	0.93	(0.560)	7.750	8.770	0.88	(1.020)
South Central Connecticut Regional Water Authority	7.600	8.226	0.92	-	7.600	9.001	0.84	-	7.600	9.117	0.83	-	7.600	10.272	0.74	-
South Norwalk Electric & Water	5.500	6.620	0.83	(1.120)	5.500	6.260	0.88	(0.760)	5.500	6.100	0.90	(0.600)	5.500	6.470	0.85	(0.970)
Southbury Training School	0.324	0.162	2.00	0.162	0.324	0.162	2.00	0.162	0.324	0.162	2.00	0.162	0.324	0.162	2.00	0.162
Torrington Water Company	5.320	2.836	1.88	2.484	5.320	2.813	1.89	2.507	5.320	3.460	1.54	1.860	5.320	3.675	1.45	1.645
Waterbury Water Department	27.000	15.881	1.70	11.119	27.000	21.058	1.28	5.942	27.000	20.742	1.30	6.258	27.000	22.180	1.22	4.820
Watertown Fire District	1.340	0.710	1.89	0.630	1.340	0.651	2.06	0.689	1.340	0.698	1.92	0.642	1.340	0.812	1.65	0.528
Watertown Water & Sewer Authority	3.000	1.214	2.47	1.786	3.000	1.720	1.74	1.280	3.000	1.960	1.53	1.040	3.000	2.680	1.12	0.320
Winsted Water Works	2.980	1.043	2.86	1.937	2.980	1.510	1.97	1.470	2.980	1.740	1.71	1.240	2.980	2.120	1.41	0.860
Wolcott Water Department	0.500	0.157	3.18	0.343	0.500	0.370	1.35	0.130	0.500	0.520	0.96	(0.020)	0.500	0.696	0.72	(0.196)
TOTAL	**205.928**	**175.151**	**1.18**	**31.403**	**206.770**	**204.865**	**1.01**	**3.306**	**206.211**	**217.677**	**0.95**	**(9.949)**	**206.235**	**232.707**	**0.89**	**(23.800)**

Note: "Total Available Water" does not include any subtractions for commitments to other water systems, as those demands are included in the MMADD demand numbers above.

SCCRWA demands in Western PWSMA provided for by sources in Central PWSMA.

Danbury Water Department plans to cease Kenosia flood skimming in 2024, but treatment upgrades in 2018 will increase available water by 0.48 mgd

Data represents the most current data available from water utilities or WSPs, projected forward if necessary per discussion in Appendix B.

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Table 3-9b: System Margin of Safety to Meet MMADD with Water Conservation

Large Community Water System	2015-2016 Total Available Water	2015-2016 MMADD	2015-2016 MOS for MMADD	2015-2016 Surplus / Deficit of Available Water	2023 Total Available Water	2023 MMADD with Water Conservation	2023 MOS for MMADD	2023 Surplus / Deficit of Available Water	2030 Total Available Water	2030 MMADD with Water Conservation	2030 MOS for MMADD	2030 Surplus / Deficit of Available Water	2060 Total Available Water	2060 MMADD with Water Conservation	2060 MOS for MMADD	2060 Surplus / Deficit of Available Water
Aquarion Water Company – Brookfield	0.585	0.305	1.92	0.280	0.827	0.795	1.04	0.032	0.827	1.060	0.78	(0.233)	0.827	1.059	0.78	(0.231)
Aquarion Water Company – Chimney Heights	0.162	0.227	0.71	(0.065)	0.282	0.360	0.78	(0.078)	0.282	0.407	0.69	(0.125)	0.282	0.405	0.70	(0.123)
Aquarion Water Company – East Derby	0.150	0.177	0.85	(0.027)	0.150	0.171	0.88	(0.021)	0.150	0.165	0.91	(0.015)	0.150	0.160	0.94	(0.010)
Aquarion Water Company – Litchfield	0.566	0.343	1.65	0.223	0.566	0.337	1.68	0.229	0.566	0.328	1.73	0.239	0.566	0.317	1.79	0.250
Aquarion Water Company – Main System	72.130	55.781	1.29	16.349	72.130	70.837	1.02	1.293	72.130	76.479	0.94	(4.349)	72.130	79.186	0.91	(7.056)
Aquarion Water Company – New Milford	2.895	1.105	2.62	1.790	2.895	1.232	2.35	1.663	3.078	1.330	2.31	1.748	3.078	1.345	2.29	1.733
Aquarion Water Company – Newtown	1.124	0.740	1.52	0.384	1.124	1.153	0.98	(0.029)	1.143	1.924	0.59	(0.780)	1.143	2.132	0.54	(0.988)
Aquarion Water Company – North Canaan	0.610	0.262	2.33	0.348	0.610	0.307	1.99	0.303	0.610	0.307	1.99	0.303	0.610	0.307	1.99	0.303
Aquarion Water Company – Ridgefield	0.482	1.181	0.41	(0.699)	0.482	1.245	0.39	(0.763)	0.551	1.406	0.39	(0.855)	0.574	1.380	0.42	(0.805)
Aquarion Water Company – Salisbury	0.845	0.431	1.96	0.414	0.845	0.428	1.98	0.417	0.845	0.392	2.15	0.453	0.845	0.382	2.21	0.463
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	31.371	48.166	0.65	(16.795)	31.371	49.443	0.63	(18.072)	31.371	49.118	0.64	(17.747)	31.371	49.514	0.63	(18.143)
Aquarion Water Company – Valley	4.890	1.572	3.11	3.318	4.890	2.119	2.31	2.771	4.890	2.126	2.30	2.764	4.890	2.395	2.04	2.495
Aquarion Water Company – Woodbury	0.270	0.165	1.64	0.105	0.270	0.166	1.63	0.104	0.270	0.166	1.63	0.104	0.270	0.166	1.63	0.104
Bethel Water Department	1.360	1.109	1.23	0.252	1.360	1.027	1.32	0.333	1.360	1.013	1.34	0.347	1.360	1.032	1.32	0.328
Bristol Water Department	7.370	6.726	1.10	0.644	7.370	6.177	1.19	1.193	7.370	6.280	1.17	1.090	7.370	7.005	1.05	0.365
Candlewood Shores Tax District	0.132	0.070	1.89	0.062	0.132	0.084	1.58	0.048	0.132	0.084	1.58	0.048	0.132	0.088	1.50	0.044
CWC – Central System	4.580	3.131	1.46	1.449	4.580	3.263	1.40	1.317	4.580	3.101	1.48	1.479	4.580	2.992	1.53	1.588
CWC – Terryville System	1.318	0.523	2.52	0.795	1.318	0.542	2.43	0.776	1.318	0.548	2.41	0.770	1.318	0.696	1.89	0.622
CWC – Thomaston System	1.259	0.460	2.74	0.799	1.259	0.417	3.02	0.842	1.259	0.448	2.81	0.811	1.259	0.531	2.37	0.728
Danbury Water Department	8.930	7.440	1.20	1.490	9.410	7.004	1.34	2.406	8.580	7.610	1.13	0.970	8.580	8.329	1.03	0.251
Fairfield Hills	0.666	0.192	3.48	0.475	0.666	0.310	2.15	0.356	0.666	0.342	1.95	0.324	0.666	0.337	1.98	0.330
Heritage Village Water Company	2.540	1.470	1.73	1.070	2.540	1.697	1.50	0.843	2.540	1.828	1.39	0.712	2.540	2.008	1.27	0.532
New Hartford Water Department	0.378	0.116	3.27	0.262	0.378	0.142	2.66	0.236	0.378	0.154	2.45	0.224	0.378	0.205	1.84	0.173
Norwalk First Taxing District	7.750	6.610	1.17	1.140	7.750	7.583	1.02	0.167	7.750	7.964	0.97	(0.214)	7.750	8.113	0.96	(0.363)
South Central Connecticut Regional Water Authority	7.600	8.226	0.92	-	7.600	8.845	0.86	-	7.600	8.953	0.85	-	7.600	10.086	0.75	-
South Norwalk Electric & Water	5.500	6.620	0.83	(1.120)	5.500	6.152	0.89	(0.652)	5.500	5.779	0.95	(0.279)	5.500	5.900	0.93	(0.400)
Southbury Training School	0.324	0.162	2.00	0.162	0.324	0.161	2.01	0.163	0.324	0.159	2.04	0.165	0.324	0.157	2.06	0.167
Torrington Water Company	5.320	2.836	1.88	2.484	5.320	2.813	1.89	2.507	5.320	3.460	1.54	1.860	5.320	3.675	1.45	1.645
Waterbury Water Department	27.000	15.881	1.70	11.119	27.000	20.077	1.34	6.923	27.000	19.879	1.36	7.121	27.000	20.718	1.30	6.282
Watertown Fire District	1.340	0.710	1.89	0.630	1.340	0.635	2.11	0.705	1.340	0.654	2.05	0.686	1.340	0.760	1.76	0.580
Watertown Water & Sewer Authority	3.000	1.214	2.47	1.786	3.000	1.688	1.78	1.312	3.000	1.859	1.61	1.141	3.000	2.551	1.18	0.449
Winsted Water Works	2.980	1.043	2.86	1.937	2.980	1.492	2.00	1.488	2.980	1.681	1.77	1.299	2.980	2.004	1.49	0.976
Wolcott Water Department	0.500	0.157	3.18	0.343	0.500	0.361	1.39	0.139	0.500	0.485	1.03	0.015	0.500	0.655	0.76	(0.155)
TOTAL	**205.928**	**175.151**	**1.18**	**31.403**	**206.770**	**199.063**	**1.04**	**8.952**	**206.211**	**207.487**	**0.99**	**0.077**	**206.235**	**216.589**	**0.95**	**(7.868)**

Note: "Total Available Water" does not include any subtractions for commitments to other water systems, as those demands are included in the MMADD demand numbers above.

SCCRWA demands in Western PWSMA provided for by sources in Central PWSMA.

Danbury Water Department plans to cease Kenosia flood skimming in 2024, but treatment upgrades in 2018 will increase available water by 0.48 mgd

Data represents the most current data available from water utilities or WSPs, projected forward if necessary per discussion in Appendix B.

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

One potential pathway forward for addressing the loss of available water to meet MMADD for reservoir systems is to utilize the maximum month peaking factor for withdrawals in the surface water safe yield model. The variation in monthly withdrawals is required to be modeled as part of the safe yield methodology for reservoir systems such that the resulting safe yield value determined by the iterative modeling is inherently linked to a peaking factor for modeled withdrawals. For other systems, available water to meet MMADD may be increased because of seasonal wells that are activated or because interconnection contracts allow for a higher volume to be delivered during the maximum month as long as the annual average is below a certain threshold. Each of these are suggested pathways forward towards generating guidance that would resolve the difference (on paper) between water actually available to be used versus the water available as defined by a strict interpretation of the regulations. It is recognized that other solutions may also be appropriate for use, and the WUCC should continue to work with DPH on this issue.

Table 3-9c depicts existing and projected MMADD for large CWSs reliant on reservoir supplies after adjusting for water conservation measures discussed above. In addition, the potential total available water to meet MMADD is increased based on the potential guidance discussed above, as appropriate. After accounting for this potential revised available water guidance, the projected deficits for the AWC – Main system, Norwalk First Taxing District, and South Norwalk Electric & Water are eliminated, and are greatly reduced for the AWC – Southwest Fairfield County system from the figures in Table 3-9a and Table 3-9b. Based on the reduction in the projected deficits, further consideration of the applicability of the available water calculation to MOS for MMADD appears warranted.

3.6 Effect of Streamflow Standards and Regulations on Surface Water Supplies

The Streamflow Standards and Regulations became effective December 2011. The stream classification process is currently underway by the Connecticut Department of Energy and Environmental Protection (DEEP). In general, it is expected that stream segments immediately downstream of public water supply reservoirs will be classified as Class 3, requiring variable downstream releases depending upon the aquatic bioperiod. Depending on the size of the watershed that is impounded, reservoirs will need to release a different amount of water each bioperiod of the year, release a constant rate of water, or will not need to perform releases.

Stream segment classifications in Western PWSMA major basins have yet to be finalized, so public water supply reservoirs in these areas with a registration for withdrawals from CT DEEP presently do not have a timetable to begin making releases in compliance with the Streamflow Standards and Regulations. For the purposes of this plan, it is assumed that releases will need to be made in the 20-year planning horizon (2030). For those systems with diversion permits, it is generally expected that any permit renewal will include, at a minimum, streamflow releases in accordance with the Streamflow Standards and Regulations.

As noted in the *Final Water Supply Assessment* (December 2016), the following systems rely partially or fully on public water supply reservoirs for public water supply and may therefore need to make releases in accordance with the Streamflow Standards and Regulations:

Table 3-9c: System Margin of Safety to Meet MMADD with Water Conservation and Available Water Guidance

Large Community Water System	Total Available Water for MMADD with Guidance	2015-2016 MMADD	2015-2016 MOS for MMADD	2015-2016 Surplus / Deficit of Available Water	Total Available Water for MMADD with Guidance	2023 MMADD with Water Conservation	2023 MOS for MMADD	2023 Surplus / Deficit of Available Water	Total Available Water for MMADD with Guidance	2030 MMADD with Water Conservation	2030 MOS for MMADD	2030 Surplus / Deficit of Available Water	Total Available Water for MMADD with Guidance	2060 MMADD with Water Conservation	2060 MOS for MMADD	2060 Surplus / Deficit of Available Water
Aquarion Water Company – Brookfield	0.585	0.305	1.92	0.280	0.827	0.795	1.04	0.032	0.827	1.060	0.78	(0.233)	0.827	1.059	0.78	(0.231)
Aquarion Water Company – Chimney Heights	0.162	0.227	0.71	(0.065)	0.282	0.360	0.78	(0.078)	0.282	0.407	0.69	(0.125)	0.282	0.405	0.70	(0.123)
Aquarion Water Company – East Derby	0.260	0.177	1.47	0.083	0.260	0.171	1.52	0.089	0.260	0.165	1.57	0.095	0.260	0.160	1.63	0.100
Aquarion Water Company – Litchfield	0.566	0.343	1.65	0.223	0.566	0.337	1.68	0.229	0.566	0.328	1.73	0.239	0.566	0.317	1.79	0.250
Aquarion Water Company – Main System	86.597	55.781	1.55	30.816	86.597	70.837	1.22	15.760	86.597	76.479	1.13	10.118	86.597	79.186	1.09	7.412
Aquarion Water Company – New Milford	2.895	1.105	2.62	1.790	2.895	1.232	2.35	1.663	3.078	1.330	2.31	1.748	3.078	1.345	2.29	1.733
Aquarion Water Company – Newtown	1.124	0.740	1.52	0.384	1.124	1.153	0.98	(0.029)	1.143	1.924	0.59	(0.780)	1.143	2.132	0.54	(0.988)
Aquarion Water Company – North Canaan	0.610	0.262	2.33	0.348	0.610	0.307	1.99	0.303	0.610	0.307	1.99	0.303	0.610	0.307	1.99	0.303
Aquarion Water Company – Ridgefield	0.482	1.181	0.41	(0.699)	0.482	1.245	0.39	(0.763)	0.551	1.406	0.39	(0.855)	0.574	1.380	0.42	(0.805)
Aquarion Water Company – Salisbury	0.845	0.431	1.96	0.414	0.845	0.428	1.98	0.417	0.845	0.392	2.15	0.453	0.845	0.382	2.21	0.463
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	39.503	48.166	0.82	(8.663)	39.503	49.443	0.80	(9.940)	39.503	49.118	0.80	(9.615)	39.503	49.514	0.80	(10.011)
Aquarion Water Company – Valley	4.890	1.572	3.11	3.318	4.890	2.119	2.31	2.771	4.890	2.126	2.30	2.764	4.890	2.395	2.04	2.495
Aquarion Water Company – Woodbury	0.270	0.165	1.64	0.105	0.270	0.166	1.63	0.104	0.270	0.166	1.63	0.104	0.270	0.166	1.63	0.104
Bethel Water Department	1.360	1.109	1.23	0.252	1.360	1.027	1.32	0.333	1.360	1.013	1.34	0.347	1.360	1.032	1.32	0.328
Bristol Water Department	8.610	6.726	1.28	1.884	8.610	6.177	1.39	2.433	8.610	6.280	1.37	2.330	8.610	7.005	1.23	1.605
Candlewood Shores Tax District	0.132	0.070	1.89	0.062	0.132	0.084	1.58	0.048	0.132	0.084	1.58	0.048	0.132	0.088	1.50	0.044
CWC – Central System	5.040	3.131	1.61	1.909	5.040	3.263	1.54	1.777	5.040	3.101	1.63	1.939	5.040	2.992	1.68	2.048
CWC – Terryville System	1.318	0.523	2.52	0.795	1.318	0.542	2.43	0.776	1.318	0.548	2.41	0.770	1.318	0.696	1.89	0.622
CWC – Thomaston System	1.259	0.460	2.74	0.799	1.259	0.417	3.02	0.842	1.259	0.448	2.81	0.811	1.259	0.531	2.37	0.728
Danbury Water Department	9.479	7.440	1.27	2.039	9.959	7.004	1.42	2.955	9.065	7.610	1.19	1.456	9.065	8.329	1.09	0.736
Fairfield Hills	0.666	0.192	3.48	0.475	0.666	0.310	2.15	0.356	0.666	0.342	1.95	0.324	0.666	0.337	1.98	0.330
Heritage Village Water Company	2.540	1.470	1.73	1.070	2.540	1.697	1.50	0.843	2.540	1.828	1.39	0.712	2.540	2.008	1.27	0.532
New Hartford Water Department	0.378	0.116	3.27	0.262	0.378	0.142	2.66	0.236	0.378	0.154	2.45	0.224	0.378	0.205	1.84	0.173
Norwalk First Taxing District	8.350	6.610	1.26	1.740	8.350	7.583	1.10	0.767	8.350	7.964	1.05	0.386	8.350	8.113	1.03	0.237
South Central Connecticut Regional Water Authority	7.600	8.226	0.92	-	7.600	8.845	0.86	-	7.600	8.953	0.85	-	7.600	10.086	0.75	-
South Norwalk Electric & Water	6.826	6.620	1.03	0.206	6.826	6.152	1.11	0.674	6.826	5.779	1.18	1.046	6.826	5.900	1.16	0.925
Southbury Training School	0.324	0.162	2.00	0.162	0.324	0.161	2.01	0.163	0.324	0.159	2.04	0.165	0.324	0.157	2.06	0.167
Torrington Water Company	6.082	2.836	2.14	3.246	6.082	2.813	2.16	3.268	6.082	3.460	1.76	2.622	6.082	3.675	1.65	2.406
Waterbury Water Department	31.428	15.881	1.98	15.547	31.428	20.077	1.57	11.351	31.428	19.879	1.58	11.549	31.428	20.718	1.52	10.710
Watertown Fire District	1.340	0.710	1.89	0.630	1.340	0.635	2.11	0.705	1.340	0.654	2.05	0.686	1.340	0.760	1.76	0.580
Watertown Water & Sewer Authority	3.000	1.214	2.47	1.786	3.000	1.688	1.78	1.312	3.000	1.859	1.61	1.141	3.000	2.551	1.18	0.449
Winsted Water Works	3.189	1.043	3.06	2.145	3.189	1.492	2.14	1.696	3.189	1.681	1.90	1.508	3.189	2.004	1.59	1.184
Wolcott Water Department	0.500	0.157	3.18	0.343	0.500	0.361	1.39	0.139	0.500	0.485	1.03	0.015	0.500	0.655	0.76	(0.155)
TOTAL	**238.210**	**175.151**	**1.36**	**63.059**	**239.052**	**199.063**	**1.20**	**39.989**	**238.429**	**207.487**	**1.15**	**30.942**	**238.453**	**216.589**	**1.10**	**21.864**

Note: "Total Available Water" does not include any subtractions for commitments to other water systems, as those demands are included in the MMADD demand numbers above.

Guidance adjustment to Total Available Water includes peaking factor for maximum month variation in safe yield studies for reservoir sources.

MMADD from Sale of Excess Water Permit used for AWC - East Derby System

Barlow Street Well included for Bristol Water Department per existing supplemental use

Danbury Water Department plans to cease Kenosia flood skimming in 2024, but treatment upgrades in 2018 will increase available water by 0.48 mgd

Data represents the most current data available from water utilities or WSPs, projected forward if necessary per discussion in Appendix B.

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

- Aquarion Water Company – Main System;
- Aquarion Water Company – Norfolk System;
- Aquarion Water Company – Salisbury System;
- Aquarion Water Company – Southwest Fairfield County Combined System;
- Bethel Water Department;
- Bristol Water Department;
- Connecticut Water Company – Central System;
- Danbury Water Department;
- Norwalk First Taxing District;
- Sharon Water and Sewer;
- South Central Connecticut Regional Water Authority;
- South Norwalk Electric & Water;
- Torrington Water Company;
- Waterbury Water Department; and
- Winsted Water Works.

In addition to the above utilities, public water systems with active interconnections with any of the above utilities are also considered to be partially or fully reliant on reservoirs for their sources of supply. See Table 5-1 for a list of active interconnections in the Western PWSMA.

As the Streamflow Standards and Regulations include requirements for flow releases, it is expected that the safe yield calculations for reservoir systems owned and operated by the above utilities will need to be recalculated and resubmitted to DPH for approval. Reservoir safe yield calculations utilize a mass balance methodology based on a 99% or drier period of record (e.g., the data from the multiyear 1960s Connecticut drought which is drier than the 99% dry period of record). The Streamflow Standards and Regulations also include rules for reducing releases based on certain drought triggers specified in RCSA 26-141b-6, which should be incorporated into the new safe yield calculation.

To date, most utilities have not yet quantified the potential impact of the Streamflow Standards and Regulations on safe yield and available water as the required releases will not take effect until late 2024 at the earliest (in the Eastern PWSMA), and likely not until close to 2030 in the Western PWSMA. A few utilities have quantified the impact, and some others have performed preliminary analyses downstream of their dams to determine the amount of releases that may be required above and beyond the natural flow in the stream. Where the results of these analyses have been made available, they have been incorporated herein.

Table 3-10ab presents a brief synopsis of the above utilities and how they may be affected by the Streamflow Standards and Regulations in relation to their need for additional supply sources.
Table 3-10c provides the same analysis for MMADD assuming revised available water guidance becomes available in the near future. The analysis herein estimates the potential impact to safe yield (and therefore available water) for each reservoir system and is based on the following assumptions:

Table 3-10ab: Reservoir Systems and Potential Available Water Reductions Due to Required Streamflow Releases (mgd)

Community Water System	Current Available Water from Surface Water Sources	Available Water from Groundwater Sources	Available Water from Interconnections	Total Available Water	Committed Water to Others	Available Water for System	Estimated Percent Decrease in Available Water from Surface Water	Estimated Percent Decrease in Available Water from Surface Water	Estimated Percent Decrease in Available Water from Surface Water	Total Available Water (2023)	Total Available Water (2030)	Total Available Water (2060)	Estimated Available Water Reduction	Potential Plan to Offset Impact
Aquarion Water Company - Main	65.760	6.370	-	72.130	-	72.130	0%	12%	12%	72.130	64.239	64.239	7.891	Reactivate Housatonic Wellfield and other inactive sources
Aquarion Water Company - Norfolk	0.730	-	-	0.730	-	0.730	0%	0%	0%	0.730	0.730	0.730	-	No expected impact
Aquarion Water Company - Salisbury	0.210	0.635	-	0.845	-	0.845	0%	0%	0%	0.845	0.845	0.845	-	No expected impact
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	30.400	0.971	-	31.371	5.000	26.371	0%	12%	12%	31.371	27.723	27.723	3.648	Increase transfers from Main system, reservoir modifications
Bethel Water Department	0.500	0.860	-	1.360	-	1.360	100%	100%	100%	0.860	0.860	0.860	-	Bethel plans to inactivate its reservoirs and rely on groundwater
Bristol Water Department	4.680	2.190	0.500	7.370	-	7.370	0%	15%	15%	7.370	6.668	6.668	0.702	Develop new active interconnections
Connecticut Water Company - Central	3.600	0.680	0.300	4.580	0.500	4.080	0%	0%	0%	4.580	4.580	4.580	-	No expected impact per CWC
Danbury Water Department	7.130	1.800	-	8.930	0.120	8.810	0%	0%	0%	8.930	8.580	8.580	0.350	No expected impact from streamflow regulations
Norwalk First Taxing District	4.000	3.750	-	7.750	-	7.750	0%	0%	0%	7.750	7.750	7.750	-	No expected impact, Norwalk safe yield includes releases of 0.6 mgd
Sharon Water & Sewer	0.205	-	-	0.205	-	0.205	0%	0%	0%	0.205	0.205	0.205	-	No expected impact
South Norwalk Electric & Water	5.500	-	-	5.500	-	5.500	0%	0%	0%	5.500	5.500	5.500	-	No expected impact
Torrington Water Company	5.320	-	-	5.320	0.400	4.920	0%	0%	0%	5.320	5.320	5.320	-	No expected impact
Waterbury Water Department	27.000	-	-	27.000	4.180	22.820	0%	15%	15%	27.000	22.950	22.950	4.050	No expected impact
Winsted Water Works	2.980	-	-	2.980	-	2.980	0%	15%	15%	2.980	2.533	2.533	0.447	Encourage water conservation, reservoir modifications
TOTAL	**158.015**	**17.256**	**0.800**	**176.071**	**10.200**	**165.871**				**175.571**	**158.483**	**158.483**	**17.088**	

Available water from WSPs as updated with recent utility-provided information.
Estimated percent decrease in available water due to flow releases estimated by MMI unless estimate provided by utility.
Bethel Water Department plans to abandon its surface water sources in the near future.
Danbury Water Department plans to cease Kenosia flood skimming in 2024, but treatment upgrades in 2018 will increase available water by 0.48 mgd

Table 3-10c: Reservoir Systems and Potential Available Water Reductions Due to Required Streamflow Releases with Available Water Guidance (mgd)

Community Water System	Current Total Available Water from Surface Water Sources with Guidance	Available Water from Groundwater Sources	Available Water from Interconnections	Total Available Water	Committed Water to Others	Available Water for System	Estimated Percent Decrease in Available Water from Surface Water (2023)	Estimated Percent Decrease in Available Water from Surface Water (2030)	Estimated Percent Decrease in Available Water from Surface Water (2060)	Total Available Water for MMADD (2023)	Total Available Water for MMADD (2030)	Total Available Water for MMADD (2060)	Estimated Available Water Reduction	Potential Plan to Offset Impact
Aquarion Water Company - Main	80.227	6.370	-	86.597	-	86.597	0%	12%	12%	86.597	76.970	76.970	9.627	Reactivate Housatonic Wellfield and other inactive sources
Aquarion Water Company - Norfolk	0.928	-	-	0.928	-	0.928	0%	0%	0%	0.928	0.928	0.928	-	No expected impact
Aquarion Water Company - Salisbury	0.210	0.635	-	0.845	-	0.845	0%	0%	0%	0.845	0.845	0.845	-	No expected impact - reservoir Inactive
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	38.532	0.971	-	39.503	5.000	34.503	0%	12%	12%	39.503	34.879	34.879	4.624	Increase transfers from Main system, reservoir modifications
Bethel Water Department	0.500	0.860	-	1.360	-	1.360	100%	100%	100%	0.860	0.860	0.860	-	Bethel plans to inactivate its reservoirs and rely on groundwater
Bristol Water Department	5.616	2.494	0.500	8.610	-	8.610	0%	15%	15%	8.610	7.768	7.768	0.842	Develop new active interconnections
Connecticut Water Company - Central	4.060	0.680	0.300	5.040	0.500	4.540	0%	0%	0%	5.040	5.040	5.040	-	No expected impact per CWC
Danbury Water Department	7.679	1.800	-	9.479	0.120	9.359	0%	0%	0%	9.959	9.065	9.065	0.894	No expected impact from streamflow regulations
Norwalk First Taxing District	4.600	3.750	-	8.350	-	8.350	0%	0%	0%	8.350	8.350	8.350	-	No expected impact, Norwalk safe yield includes releases of 0.6 mgd
Sharon Water & Sewer	0.205	-	-	0.205	-	0.205	0%	0%	0%	0.205	0.205	0.205	-	No expected impact
South Norwalk Electric & Water	6.826	-	-	6.826	-	6.826	0%	0%	0%	6.826	6.826	6.826	-	No expected impact
Torrington Water Company	6.082	-	-	6.082	0.400	5.682	0%	0%	0%	6.082	6.082	6.082	-	No expected impact due to releases from permit condition
Waterbury Water Department	31.428	-	-	31.428	4.180	27.248	0%	15%	15%	31.428	26.714	26.714	4.714	No expected impact
Winsted Water Works	3.189	-	-	3.189	-	3.189	0%	15%	15%	3.189	2.710	2.710	0.478	Encourage water conservation, reservoir modifications
TOTAL	**190.081**	**17.560**	**0.800**	**208.441**	**10.200**	**198.241**				**208.421**	**187.241**	**187.241**	**21.180**	

Available water from WSPs as updated with recent utility-provided information.
Guidance adjustment to Total Available Water includes peaking factor for maximum month variation in safe yield studies for reservoir sources.
Estimated percent decrease in available water due to flow releases estimated by MMI unless estimate provided by utility.
Bethel Water Department plans to abandon its surface water sources in the near future.
Danbury Water Department plans to cease Kenosia flood skimming in 2024, but treatment upgrades in 2018 will increase available water by 0.48 mgd

- For non-exempt reservoirs where analysis has not been conducted by the water utility, a safe yield decrease of 15% was assumed.
- For all non-exempt AWC reservoirs in the region, a safe yield decrease of 12% was used based on a preliminary analysis completed by AWC.
- For Torrington Water Company, 0% decrease in safe yield was assumed based on releases required by current diversion permit requirements.
- For exempt reservoirs, no decrease in safe yield was assumed. This applies to AWC's Salisbury/Lakeville and Norfolk systems, Bethel, CWC's Central system, Danbury Water Department, Sharon Water Department, and South Norwalk Electric & Water.
- For Waterbury Water Department, the Shepaug Reservoir system is exempt because of the Shepaug River Flow Management Plan. It is expected that releases will be required from Morris and Wigwam Reservoir such that a 15% decrease in safe yield is assumed.

The CWSP is a planning tool that can be used by the WUCCs to make regional decisions. It is not a detailed study of the impacts of the Streamflow Standards and Regulations, nor should it be interpreted as such. The assumptions herein are based on best-available data and are necessary to provide a starting point to determine the potential need for developing new sources of supply, and the final percentages will likely vary from those presented. The WUCCs encourage potentially affected water utilities to conduct system-specific studies of their release requirements and effect on safe yield within the 5-year planning horizon, which will facilitate future revisions of this plan.

- For situations where the 80% duration flow in the rearing and growth bioperiod (RGQ80)[12] was between 0.1 and 0.15 cubic feet per second (cfs) (inclusive), zero decrease in safe yield was assumed based on preliminary work by some water utilities with conditionally exempt reservoirs.
- For situations where RGQ80 between 0.16 and 0.20 cfs (inclusive), a 10% decrease in safe yield was assumed to be conservative with a figure between 0% and 15%; however, some of these may ultimately be exempt.
- For reservoir *systems*, this report assumes that the total safe yield decrease for the system equals the highest decrease of any individual reservoir (feeder or terminal). In most cases, this is 15% even if some feeder reservoirs are exempt. Waterbury Water Department and Bristol Water Department are examples of this.

The Bethel Water Department has indicated that it plans to inactivate its reservoirs and rely on existing and future groundwater supplies to meet demands. As such, a reduction of 100% is utilized for the surface water supply. Should Bethel Water Department choose to reactivate its reservoirs in the future, a percent reduction is not needed for planning, as the reservoirs appear to be exempt.

Table 3-11a presents the adjusted surplus or deficit of available water for each public water system partially or fully reliant on reservoirs which will need to release water in accordance with the Streamflow Standards and Regulations. The AWC – Main, AWC – Southwest Fairfield County, and Bristol Water Department systems are all expected to have available water deficits exacerbated by the required releases. Waterbury Water Department and Winsted Water Works appear to have sufficient supply to meet ADD, MMADD, and required releases for all planning horizons. Bethel Water Department will also show a deficit, but it is due to the need to activate new supplies to replace its reservoir supplies and not due to required streamflow releases.

[12] RGQ80 stands for the 80% duration flow (the flow in a stream which is equaled or exceeded 80% of the time) during the Rearing and Growth bioperiod (July 1 to October 31 of each year) as defined in the Streamflow Standards and Regulations.

Table 3-11a: Available Water Surplus or Deficit for Reservoir Systems Accounting for Required Streamflow Releases (mgd)

Community Water System	Current Total Available Water	Total Available Water (2023)	Total Available Water (2030)	Total Available Water (2060)	2023 Total ADD	2023 Surplus or Deficit of Available Water for ADD	2023 MMADD	2023 Surplus or Deficit of Available Water for MMADD	2030 Total ADD	2030 Surplus or Deficit of Available Water for ADD	2030 MMADD	2030 Surplus or Deficit of Available Water for MMADD	2060 Total ADD	2060 Surplus or Deficit of Available Water for ADD	2060 MMADD	2060 Surplus or Deficit of Available Water for MMADD
Aquarion Water Company - Main	72.130	72.130	64.239	64.239	53.216	18.914	71.842	0.288	58.914	5.324	79.534	(15.296)	62.649	1.590	84.576	(20.337)
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	31.371	31.371	27.723	27.723	34.630	(3.259)	51.944	(20.573)	35.260	(7.537)	52.890	(25.167)	36.540	(8.817)	54.810	(27.087)
Bethel Water Department	1.360	0.860	0.860	0.860	0.957	(0.097)	1.053	(0.193)	0.985	(0.125)	1.084	(0.224)	1.069	(0.209)	1.176	(0.316)
Bristol Water Department	7.370	7.370	6.668	6.668	5.390	1.980	6.310	1.060	5.720	0.948	6.690	(0.022)	6.670	(0.002)	7.800	(1.132)
Waterbury Water Department	27.000	27.000	22.950	22.950	16.198	10.802	21.058	5.942	15.955	6.995	20.742	2.208	17.061	5.889	22.180	0.770
Winsted Water Works	2.980	2.980	2.533	2.533	1.350	1.630	1.510	1.470	1.550	0.983	1.740	0.793	1.890	0.643	2.120	0.413
TOTAL	**142.211**	**141.711**	**124.973**	**124.973**	**111.741**	**29.970**	**153.717**	**(12.006)**	**118.385**	**6.588**	**162.680**	**(37.708)**	**125.879**	**(0.906)**	**172.661**	**(47.689)**

Available water values corrected for streamflow releases in Table 3-10a.
MMADD from Table 3-8.
Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Table 3-11b: Available Water Surplus or Deficit for Reservoir Systems Accounting for Required Streamflow Releases and Water Conservation (mgd)

Community Water System	Current Total Available Water	Total Available Water (2023)	Total Available Water (2030)	Total Available Water (2060)	2023 Total ADD with Water Conservation	2023 Surplus or Deficit of Available Water for ADD	2023 MMADD with Water Conservation	2023 Surplus / Deficit of Available Water for MMADD	2030 Total ADD with Water Conservation	2030 Surplus or Deficit of Available Water for ADD	2030 MMADD with Water Conservation	2030 Surplus / Deficit of Available Water for MMADD	2060 Total ADD with Water Conservation	2060 Surplus or Deficit of Available Water for ADD	2060 MMADD with Water Conservation	2060 Surplus / Deficit of Available Water for MMADD
Aquarion Water Company - Main	72.130	72.130	64.239	64.239	52.472	19.658	70.837	1.293	56.651	7.588	76.479	(12.240)	58.656	5.583	79.186	(14.947)
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	31.371	31.371	27.723	27.723	32.962	(1.591)	49.443	(18.072)	32.745	(5.022)	49.118	(21.395)	33.009	(5.286)	49.514	(21.791)
Bethel Water Department	1.360	0.860	0.860	0.860	0.933	(0.073)	1.027	(0.167)	0.920	(0.060)	1.013	(0.153)	0.938	(0.078)	1.032	(0.172)
Bristol Water Department	7.370	7.370	6.668	6.668	5.277	2.093	6.177	1.193	5.369	1.299	6.280	0.388	5.990	0.678	7.005	(0.337)
Waterbury Water Department	27.000	27.000	22.950	22.950	15.444	11.556	20.077	6.923	15.291	7.659	19.879	3.071	15.937	7.013	20.718	2.232
Winsted Water Works	2.980	2.980	2.533	2.533	1.334	1.646	1.492	1.488	1.497	1.036	1.681	0.852	1.787	0.746	2.004	0.529
TOTAL	**142.211**	**141.711**	**124.973**	**124.973**	**108.422**	**33.289**	**149.053**	**(7.342)**	**112.474**	**12.499**	**154.448**	**(29.475)**	**116.318**	**8.655**	**159.460**	**(34.487)**

Available water values corrected for streamflow releases in Table 3-10b.
MMADD from Table 3-8.
Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Table 3-11b presents similar information as Table 3-11a except that the demands include the reductions from the water conservation measures discussed above. Water conservation measures are anticipated to significantly reduce the overall new available water need for these systems. Table 3-11c presents similar information to Table 3-11b but adds adjustments to available water for meeting MMADD based on potential available water guidance. As the majority of projected deficits in the region appear to be related to meeting MMADD, the use of revised available water guidance would greatly reduce projected deficits for those systems required to perform releases in accordance with the Streamflow Standards and Regulations.

The Western WUCC is encouraged to continue monitoring streamflow release requirements and the potential effect on available water as the safe yields of reservoir systems are recalculated using the mass-balance methodology. When actual adjustments to safe yield and available water are available, the prioritization of certain interconnections or new source developments may need to occur at timelines other than those envisioned in this report. Furthermore, utilities are encouraged to check their release requirements every few years as regional hydrology equations are updated in the USGS *StreamStats* program, particularly given that climate change may result in drier summers in the future (Section 2.4.2).

3.7 Potential Solutions to Address Projected Available Water Deficits

Recall from Section 3.0 of the *Final Water Supply Assessment* (December 2016) that most of the large public water systems in the Western PWSMA were considering the development of new sources of supply or interconnections within or beyond the 5-year planning horizon. The new sources of supply or interconnections would be necessary to meet ADD, MMADD, or even PDD, as well as provide critical system redundancy should an existing source become temporarily unavailable. For the majority of those systems, such assessment was conducted prior to CT DPH formalizing the process for calculation of available water, which now renders the ADD and MMADD available water similar. This document does not utilize the previously informal guidance for calculation of available water for reservoir systems, such as assuming that a filter is offline under MMADD conditions.

Table 3-12a provides a summary of the available water needs in the region to meet ADD, MMADD, and potential release requirements in accordance with the Streamflow Standards and Regulations. The total new sources of available water needed are based on a MOS of 1.15. In total, approximately 80.4 mgd of new available water appears needed to meet MMADD and streamflow release requirements in the region through 2060. Table 3-12b presents the same information, only with demands adjusted for the water conservation measures discussed above. The water conservation measures reduce the total new water need in the region to 65.1 mgd to obtain a MOS of 1.15 in each system in the region through 2060. In particular, passive water conservation is expected to eliminate projected long-term deficits for Danbury Water Department to meet MMADD.

Table 3-11c: Available Water Surplus or Deficit for Reservoir Systems Accounting for Required Streamflow Releases, Water Conservation, and Available Water Guidance (mgd)

Community Water System	Current Total Available Water	Total Available Water for ADD (2023)	Total Available Water for ADD (2030)	Total Available Water for ADD (2060)	Total Available Water for MMADD (2023)	Total Available Water for MMADD (2030)	Total Available Water for MMADD (2060)	2023 Total ADD with Water Conservation	2023 Surplus or Deficit of Available Water for ADD	2023 MMADD with Water Conservation	2023 Surplus / Deficit of Available Water for MMADD	2030 Total ADD with Water Conservation	2030 Surplus or Deficit of Available Water for ADD	2030 MMADD with Water Conservation	2030 Surplus / Deficit of Available Water for MMADD	2060 Total ADD with Water Conservation	2060 Surplus or Deficit of Available Water for ADD	2060 MMADD with Water Conservation	2060 Surplus / Deficit of Available Water for MMADD
Aquarion Water Company - Main	72.130	72.130	64.239	64.239	86.597	76.970	76.970	52.472	19.658	70.837	15.760	56.651	7.588	76.479	0.491	58.656	5.583	79.186	(2.216)
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	31.371	31.371	27.723	27.723	39.503	34.879	34.879	32.962	(1.591)	49.443	(9.940)	32.745	(5.022)	49.118	(14.238)	33.009	(5.286)	49.514	(14.635)
Bethel Water Department	1.360	0.860	0.860	0.860	0.860	0.860	0.860	0.933	(0.073)	1.027	(0.167)	0.920	(0.060)	1.013	(0.153)	0.938	(0.078)	1.032	(0.172)
Bristol Water Department	7.370	7.370	6.668	6.668	8.610	7.768	7.768	5.277	2.093	6.177	2.433	5.369	1.299	6.280	1.488	5.990	0.678	7.005	0.763
Waterbury Water Department	27.000	27.000	22.950	22.950	31.428	26.714	26.714	15.444	11.556	20.077	11.351	15.291	7.659	19.879	6.835	15.937	7.013	20.718	5.995
Winsted Water Works	2.980	2.980	2.533	2.533	3.189	2.710	2.710	1.334	1.646	1.492	1.696	1.497	1.036	1.681	1.029	1.787	0.746	2.004	0.706
TOTAL	**142.211**	**141.711**	**124.973**	**124.973**	**170.187**	**149.901**	**149.901**	**108.422**	**33.289**	**149.053**	**21.133**	**112.474**	**12.499**	**154.448**	**(4.547)**	**116.318**	**8.655**	**159.460**	**(9.559)**

Available water values corrected for streamflow releases in Table 3-10c.

MMADD from Table 3-8.

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Table 3-12a: Summary of Available Water Deficits (mgd)

Community Water System	2023 Deficit in Available Water to Meet ADD	2030 Deficit in Available Water to Meet ADD	2060 Deficit in Available Water to Meet ADD	2023 Deficit in Available Water to Meet MMADD	2030 Deficit in Available Water to Meet MMADD	2060 Deficit in Available Water to Meet MMADD	Potential Available Water Need 2023	Potential Available Water Need 2030	Potential Available Water Need 2060	Total Available Water Needed to Meet MOS 1.15 in 2023	Total Available Water Needed to Meet MOS 1.15 in 2030	Total Available Water Needed to Meet MOS 1.15 in 2060	Total New Sources Needed to Meet MOS 1.15 in 2023	Total New Sources Needed to Meet MOS 1.15 in 2030	Total New Sources Needed to Meet MOS 1.15 in 2060
Aquarion Water Company - Barnum	0.013	0.013	0.013	0.015	0.015	0.015	0.015	0.015	0.015	0.017	0.017	0.017	0.017	0.017	0.017
Aquarion Water Company - Brookfield	-	0.006	0.030	-	0.281	0.313	-	0.281	0.313	-	1.274	1.311	-	0.447	0.484
Aquarion Water Company - Chimney Heights	0.007	0.054	0.058	0.085	0.145	0.150	0.085	0.145	0.150	0.422	0.491	0.497	0.140	0.209	0.215
Aquarion Water Company - East Derby	-	-	-	0.024	0.024	0.024	0.024	0.024	0.024	0.200	0.200	0.200	0.050	0.050	0.050
Aquarion Water Company - Hollandale Estates	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013
Aquarion Water Company - Ken Oaks	0.008	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012
Aquarion Water Company - Main	-	-	-	-	15.296	20.337	-	15.296	20.337	-	91.465	97.262	-	27.226	33.023
Aquarion Water Company - McKeon	0.007	0.007	0.007	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010
Aquarion Water Company - Newtown	-	0.421	0.590	0.029	0.780	0.988	0.029	0.780	0.988	1.325	2.212	2.451	0.201	1.069	1.308
Aquarion Water Company - Ridgefield	0.449	0.533	0.527	0.784	0.924	0.923	0.784	0.924	0.923	1.456	1.695	1.722	0.974	1.145	1.148
Aquarion Water Company - Rolling Ridge	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	3.259	7.537	8.817	20.573	25.167	27.087	20.573	25.167	27.087	59.736	60.824	63.032	28.365	33.101	35.309
Arrowhead Point Homeowners Association	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.026	0.026	0.026	0.004	0.004	0.004
Bethel Water Department	0.097	0.125	0.209	0.193	0.224	0.316	0.193	0.224	0.316	1.211	1.247	1.352	0.351	0.387	0.492
Bristol Water Department	-	-	0.002	-	0.022	1.132	-	0.022	1.132	-	7.694	8.970	-	1.026	2.302
Canaan Water Department	0.008	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.045	0.045	0.045	0.016	0.016	0.016
Candlewood Park, Inc.	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.042	0.042	0.042	0.011	0.011	0.011
Danbury Water Department	-	-	-	-	-	0.090	-	-	0.090	-	-	9.971	-	-	1.391
Farmington Line West Condominiums	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.005	0.005	0.005	0.003	0.003	0.003
Lillinonah Park Estates Homeowners Association	0.005	0.005	0.005	0.007	0.007	0.007	0.007	0.007	0.007	0.024	0.024	0.024	0.010	0.010	0.010
Norwalk First Taxing District	-	-	-	-	0.560	1.020	-	0.560	1.020	-	9.557	10.086	-	1.807	2.336
Pine Grove Association, Inc.	0.012	0.012	0.012	0.016	0.016	0.016	0.016	0.016	0.016	0.026	0.026	0.026	0.019	0.019	0.019
Rumsey Hall School	0.009	0.009	0.009	0.012	0.012	0.012	0.012	0.012	0.012	0.038	0.038	0.038	0.017	0.017	0.017
South Norwalk Electric & Water	-	-	0.040	0.760	0.600	0.970	0.760	0.600	0.970	7.199	7.015	7.441	1.699	1.515	1.941
Wolcott Water Department	-	-	-	-	0.020	0.196	-	0.020	0.196	-	0.597	0.801	-	0.097	0.301
TOTAL	**3.898**	**8.762**	**10.359**	**22.554**	**44.148**	**53.652**	**22.554**	**44.148**	**53.652**	**71.815**	**184.535**	**205.360**	**31.921**	**68.217**	**80.438**

MMADD for small CWSs based on current reported data or estimated using peaking factor of 1.3.

Deficits to meet ADD from Appended Tables 2, 3, and 4 except where adjusted by Table 3-11a.

Deficits to meet MMADD from Table 3-9a except where adjusted by Table 3-11a.

Potential available water need is the higher of the ADD or MMADD deficit for that planning horizon.

Total available water need accounts for reduction in available water due to streamflow releases.

Total new sources reflects the volume of supply needed above the available water for that planning horizon.

Surpluses and deficits initially shown at a MOS of 1.0 (i.e., no additional water set aside), and then upscaled to MOS of 1.15 for each planning horizon.

Table 3-12b: Summary of Available Water Deficits with Water Conservation (mgd)

Community Water System	2023 Deficit in Total Available Water to Meet ADD	2030 Deficit in Total Available Water to Meet ADD	2060 Deficit in Total Available Water to Meet ADD	2023 Deficit in Total Available Water to Meet MMADD	2030 Deficit in Total Available Water to Meet MMADD	2060 Deficit in Total Available Water to Meet MMADD	Potential Available Water Need 2023	Potential Available Water Need 2030	Potential Available Water Need 2060	Total Available Water Needed to Meet MOS 1.15 in 2023	Total Available Water Needed to Meet MOS 1.15 in 2030	Total Available Water Needed to Meet MOS 1.15 in 2060	Total New Sources Needed to Meet MOS 1.15 in 2023	Total New Sources Needed to Meet MOS 1.15 in 2030	Total New Sources Needed to Meet MOS 1.15 in 2060
Aquarion Water Company - Barnum	0.013	0.013	0.012	0.014	0.014	0.013	0.014	0.014	0.013	0.017	0.016	0.015	0.017	0.016	0.015
Aquarion Water Company - Brookfield	-	-	-	-	0.233	0.231	-	0.233	0.231	-	1.219	1.217	-	0.392	0.390
Aquarion Water Company - Chimney Heights	0.002	0.038	0.037	0.078	0.125	0.123	0.078	0.125	0.123	0.414	0.468	0.466	0.132	0.186	0.184
Aquarion Water Company - East Derby	-	-	-	0.021	0.015	0.010	0.021	0.015	0.010	0.197	0.190	0.183	0.047	0.040	0.033
Aquarion Water Company - Hollandale Estates	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013
Aquarion Water Company - Ken Oaks	0.008	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012
Aquarion Water Company - Main	-	-	-	-	12.240	14.947	-	12.240	14.947	-	87.951	91.064	-	23.712	26.825
Aquarion Water Company - McKeon	0.007	0.006	0.006	0.009	0.008	0.008	0.009	0.008	0.008	0.010	0.010	0.009	0.010	0.010	0.009
Aquarion Water Company - Newtown	-	0.421	0.590	0.029	0.780	0.988	0.029	0.780	0.988	1.325	2.212	2.451	0.201	1.069	1.308
Aquarion Water Company - Ridgefield	0.434	0.483	0.440	0.763	0.855	0.805	0.763	0.855	0.805	1.432	1.617	1.587	0.950	1.066	1.012
Aquarion Water Company - Rolling Ridge	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	1.591	5.022	5.286	18.072	21.395	21.791	18.072	21.395	21.791	56.859	56.485	56.941	25.488	28.762	29.218
Arrowhead Point Homeowners Association	0.000	-	-	0.000	-	-	0.000	-	-	0.025	-	-	0.003	-	-
Bethel Water Department	0.073	0.060	0.078	0.167	0.153	0.172	0.167	0.153	0.172	1.181	1.165	1.187	0.321	0.305	0.327
Bristol Water Department	-	-	-	-	-	0.337	-	-	0.337	-	7.668	8.056	-	1.000	1.388
Canaan Water Department	0.007	0.007	0.007	0.009	0.009	0.009	0.009	0.009	0.009	0.043	0.043	0.043	0.015	0.014	0.014
Candlewood Park, Inc.	0.003	0.001	-	0.004	0.002	-	0.004	0.002	-	0.041	0.038	-	0.009	0.006	-
Danbury Water Department	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmington Line West Condominiums	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.005	0.005	0.004	0.003	0.002	0.002
Lillinonah Park Estates Homeowners Association	0.005	0.004	0.003	0.006	0.005	0.003	0.006	0.005	0.003	0.023	0.022	0.020	0.009	0.008	0.006
Norwalk First Taxing District	-	-	-	-	0.214	0.363	-	0.214	0.363	-	9.159	9.330	-	1.409	1.580
Pine Grove Association, Inc.	0.012	0.011	0.010	0.015	0.014	0.013	0.015	0.014	0.013	0.025	0.023	0.022	0.018	0.017	0.015
Rumsey Hall School	0.009	0.007	0.005	0.011	0.009	0.007	0.011	0.009	0.007	0.036	0.034	0.032	0.016	0.013	0.011
South Norwalk Electric & Water	-	-	-	0.652	0.279	0.400	0.652	0.279	0.400	7.074	6.646	6.786	1.574	1.146	1.286
Wolcott Water Department	-	-	-	-	-	0.155	-	-	0.155	-	0.575	0.754	-	0.075	0.254
TOTAL	**2.181**	**6.099**	**6.500**	**19.882**	**36.381**	**40.406**	**19.882**	**36.381**	**40.406**	**68.742**	**175.578**	**180.199**	**28.848**	**59.282**	**63.910**

MMADD for small CWSs based on current reported data or estimated using peaking factor of 1.3.
Deficits to meet ADD from Appended Tables 2, 3, and 4 except where adjusted by Table 3-11b.
Deficits to meet MMADD from Table 3-9b except where adjusted by Table 3-11b.
Potential available water need is the higher of the ADD or MMADD deficit for that planning horizon.
Total available water need accounts for reduction in available water due to streamflow releases.
Total new sources reflects the volume of supply needed above the available water for that planning horizon.
Surpluses and deficits initially shown at a MOS of 1.0 (i.e., no additional water set aside), and then upscaled to MOS of 1.15 for each planning horizon.

For certain public water systems, clarification of the available water calculations would reduce the apparent need for new supply sources by properly accounting for the mechanics of the reservoir safe yield model contractual agreements, and supplemental supplies. The calculation of safe yield for a reservoir system requires accounting for the monthly variations in demand of the public water system, such that the withdrawal from the reservoir system is already simulated as greater than ADD during certain months and less than ADD for the remaining months in the model. In other words, the simulated withdrawals are already increased in the model during certain months, with the greatest increase essentially being modeled as the MMADD withdrawal. Thus, the model inherently assumes a safe yield for meeting MMADD because of the monthly variations. The use of this maximum month peaking factor is utilized herein to demonstrate the potential effect of this method on projected supply deficits. For example (as presented in Table 3-12c):

- AWC – Main System previously utilized rated treatment plant capacity to meet MMADD, and its safe yield evaluation utilized a maximum month peaking factor of 1.22 for withdrawals. If new guidance were issued to use the maximum month peaking factor of withdrawal from the reservoir safe yield model, it would be sufficient to eliminate projected deficits in 2030 for this system, and require a more modest quantity of new water (12.2 mgd as opposed to 26.8 mgd) to meet MMADD with a MOS of 1.15 in 2060.

- AWC – Southwest Fairfield County system previously utilized rated treatment plant capacity to meet MMADD, and its safe yield evaluation utilized maximum month peaking factors of 1.317 or 1.218 for withdrawals (depending on the reservoir). If new guidance were issued to use the maximum month peaking factor of withdrawal from the reservoir safe yield model, it would be sufficient to reduce projected deficits in each planning horizon for this system, and require a more modest quantity of new water (21.0 mgd as opposed to 29.2 mgd) to meet MMADD with a MOS of 1.15 in 2060.

- Bristol Water Department previously utilized rated treatment plant capacity to meet MMADD, and its safe yield evaluation utilized a maximum month peaking factor of 1.2 for withdrawals. If new guidance were issued to use the maximum month peaking factor of withdrawal from the reservoir safe yield model, and allow inclusion of supplemental sources of supply, it would be sufficient to eliminate projected deficits for this system.

- The deficits projected by Norwalk First Taxing District and South Norwalk Electric & Water would be eliminated if use of the maximum monthly variation of withdrawal from the reservoir safe yield models were allowed.

Table 3-12c: Summary of Available Water Deficits with Water Conservation and Available Water Guidance (mgd)

Community Water System	2023 Deficit in Total Available Water to Meet ADD	2030 Deficit in Total Available Water to Meet ADD	2060 Deficit in Total Available Water to Meet ADD	2023 Deficit in Available Water to Meet MMADD with Guidance	2030 Deficit in Available Water to Meet MMADD with Guidance	2060 Deficit in Available Water to Meet MMADD with Guidance	Potential Available Water Need 2023	Potential Available Water Need 2030	Potential Available Water Need 2060	Total Available Water Needed to Meet MOS 1.15 in 2023	Total Available Water Needed to Meet MOS 1.15 in 2030	Total Available Water Needed to Meet MOS 1.15 in 2060	Total New Sources Needed to Meet MOS 1.15 in 2023	Total New Sources Needed to Meet MOS 1.15 in 2030	Total New Sources Needed to Meet MOS 1.15 in 2060
Aquarion Water Company - Barnum	0.013	0.013	0.012	0.014	0.014	0.013	0.014	0.014	0.013	0.017	0.016	0.015	0.017	0.016	0.015
Aquarion Water Company - Brookfield	-	-	-	-	0.233	0.231	-	0.233	0.231	-	1.219	1.217	-	0.392	0.390
Aquarion Water Company - Chimney Heights	0.002	0.038	0.037	0.078	0.125	0.123	0.078	0.125	0.123	0.414	0.468	0.466	0.132	0.186	0.184
Aquarion Water Company - East Derby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Company - Hollandale Estates	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013
Aquarion Water Company - Ken Oaks	0.008	0.008	0.008	0.010	0.010	0.010	0.010	0.010	0.010	0.012	0.012	0.012	0.012	0.012	0.012
Aquarion Water Company - Main	-	-	-	-	-	2.216	-	-	2.216	-	-	76.423	-	-	12.184
Aquarion Water Company - McKeon	0.007	0.006	0.006	0.009	0.008	0.008	0.009	0.008	0.008	0.010	0.010	0.009	0.010	0.010	0.009
Aquarion Water Company - Newtown	-	0.421	0.590	0.029	0.780	0.988	0.029	0.780	0.988	1.325	2.212	2.451	0.201	1.069	1.308
Aquarion Water Company - Ridgefield	0.434	0.483	0.440	0.763	0.855	0.805	0.763	0.855	0.805	1.432	1.617	1.587	0.950	1.066	1.012
Aquarion Water Company - Rolling Ridge	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008
Aquarion Water Company - Southwest Fairfield County Region (Greenwich, Stamford, Noroton, and New Canaan Systems)	1.591	5.022	5.286	9.940	14.238	14.635	9.940	14.238	14.635	47.507	48.256	48.712	16.136	20.533	20.989
Arrowhead Point Homeowners Association	0.000	-	-	0.000	-	-	0.000	-	-	0.025	-	-	0.003	-	-
Bethel Water Department	0.073	0.060	0.078	0.167	0.153	0.172	0.167	0.153	0.172	1.181	1.165	1.187	0.321	0.305	0.327
Bristol Water Department	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canaan Water Department	0.007	0.007	0.007	0.009	0.009	0.009	0.009	0.009	0.009	0.043	0.043	0.043	0.015	0.014	0.014
Candlewood Park, Inc.	0.003	0.001	-	0.004	0.002	-	0.004	0.002	-	0.041	0.038	-	0.009	0.006	-
Danbury Water Department	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farmington Line West Condominiums	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.005	0.005	0.004	0.003	0.002	0.002
Lillinonah Park Estates Homeowners Association	0.005	0.004	0.003	0.006	0.005	0.003	0.006	0.005	0.003	0.023	0.022	0.020	0.009	0.008	0.006
Norwalk First Taxing District	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Grove Association, Inc.	0.012	0.011	0.010	0.015	0.014	0.013	0.015	0.014	0.013	0.025	0.023	0.022	0.018	0.017	0.015
Rumsey Hall School	0.009	0.007	0.005	0.011	0.009	0.007	0.011	0.009	0.007	0.036	0.034	0.032	0.016	0.013	0.011
South Norwalk Electric & Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wolcott Water Department	-	-	-	-	-	0.155	-	-	0.155	-	-	0.754	-	-	0.254
TOTAL	**2.181**	**6.099**	**6.500**	**11.077**	**16.475**	**19.409**	**11.077**	**16.475**	**19.409**	**52.118**	**55.159**	**132.974**	**17.875**	**23.670**	**36.753**

MMADD for small CWSs based on current reported data or estimated using peaking factor of 1.3.

Deficits to meet ADD from Appended Tables 2, 3, and 4 except where adjusted by Table 3-11c.

Deficits to meet MMADD from Table 3-9c except where adjusted by Table 3-11c.

Potential available water need is the higher of the ADD or MMADD deficit for that planning horizon.

Total available water need accounts for reduction in available water due to streamflow releases.

Total new sources reflects the volume of supply needed above the available water for that planning horizon.

Surpluses and deficits initially shown at a MOS of 1.0 (i.e., no additional water set aside), and then upscaled to MOS of 1.15 for each planning horizon.

A change in the regulatory wording (or new guidance) to allow for more realistic methods of determining available water for meeting MMADD could mitigate the apparent need for water in several systems in the region. Assuming that a change in the regulatory wording (or new guidance) becomes available in line with the suggestion above and offsets some of the deficits to meet MMADD, the required water need in the region would be approximately 17.9 mgd through 2023, 23.7 mgd through 2030, and 36.8 mgd through 2060 to achieve a MOS of 1.15. This calculation includes estimated available water reductions for required streamflow releases and includes the passive water conservation measures described above. Some of this need could be met through the reactivation of the Housatonic Wellfield which is currently planned by AWC. This would increase the available water in the AWC – Main system by approximately 16.6 mgd, and facilitate potential transfer of water to other areas. However, other options will be necessary for those systems with needs located in other areas of the region, including targeted water conservation and water efficiency efforts in specific systems (such as those envisioned under Scenario 2 and Scenario 3 in the *State Water Plan*.

Table 3-13 summarizes the projected water need in the region based on projections developed under each of the three scenarios.

TABLE 3-13
Summary of Projected Water Need to Meet MMADD with a MOS of 1.15 (mgd)

Scenario	5-Year Planning Horizon (2023)	20-Year Planning Horizon (2030)	50-Year Planning Horizon (2060)
Basic Projections	31.921	68.217	80.438
With Passive Water Conservation	28.848	59.282	63.910
With Passive Water Conservation and Revised Available Water Guidance to Include Monthly Variation in Safe Yield Calculation	17.875	23.670	36.753

The following potential solutions are recommended for meeting projected water needs in each CWS projecting a deficit:

- AWC – Barnum, Hollandale Estates, Ken Oaks, McKeon, and Rolling Ridge systems, and Candlewood Park, Inc. (Danbury and Ridgefield): Secure contract from Danbury Water Department guaranteeing delivery of water already accounted for in Danbury Water Department demands;

- AWC – Brookfield (Brookfield): Develop interconnections with neighboring AWC systems or develop new sources of supply;

- AWC – Chimney Heights & Newtown systems (Bethel, Newtown): Develop interconnection with AWC – Main system for use in both systems;

- AWC – East Derby, Bristol Water Department, Norwalk First Taxing District, and South Norwalk Electric & Water (Derby, Bristol Norwalk, Wilton): Work with DPH to adjust methodology for calculation of available water;

- AWC – Main system (various towns): Reactivate Housatonic Wellfield and pursue targeted water conservation and water efficiency measures over the long term;

- AWC – Ridgefield (Ridgefield): Deficit is already met by transfers from AWC – Main system and included in future AWC – Main system demands;

- AWC – Southwest Fairfield County (Darien, Greenwich, New Canaan, Stamford): Deficit is already met by transfers from AWC – Main system and projected deficits are partially accounted for in AWC – Main system demands. Targeted water conservation and water efficiency measures should be pursued as well as increasing transfers from AWC – Main system;

- Arrowhead Point Homeowners Association, Canaan Water Department, Farmington Line West Condominiums, Lillinonah Park Estates Homeowners Association, Pine Grove Association, Inc., and Rumsey Hall School (various towns): Consider targeted water conservation and water efficiency measures and, If necessary, secure a new supply source;

- Bethel Water Department (Bethel): Continue development of groundwater sources to replace reservoirs and develop interconnections with nearby systems; and

- Wolcott Water Department (Wolcott): Secure additional supply from Waterbury Water Department through existing interconnection.

As noted above, several of the deficits in the region are met through interconnections without contracts, although the demands are included in the projections of the supplier. In addition, Bethel Water Department is developing new sources to replace its reservoirs, and the expectation is that sufficient supply will be developed that Bethel Water Department will not project future deficits. Finally, deficits in the AWC – Ridgefield system are projected to be fully met by allowed transfers from the AWC – Main system (up to 1.3 mgd), and the AWC – Southwest Fairfield County system demands are already partially met through transfers from the AWC – Main system (up to 7.26 mgd) and would continue to be partially met in the future. Therefore, the overall deficits in Table 3-13 are higher than in reality. Table 3-14 corrects Table 3-13 after accounting for water which is already transferred between systems and included in supplier projections without technically being considered "available" by DPH per the forms used for calculation of available water.

TABLE 3-14
Corrected Summary of Projected Water Need to Meet MMADD with a MOS of 1.15 (mgd)

Scenario	5-Year Planning Horizon (2023)	20-Year Planning Horizon (2030)	50-Year Planning Horizon (2060)
Basic Projections	23.336	59.426	71.538
With Passive Water Conservation	20.316	50.651	55.310
With Passive Water Conservation and Revised Available Water Guidance to Include Monthly Variation in Safe Yield Calculation	9.274	14.974	28.097

It is unlikely that the volume of new water projected to be needed to meet MMADD through the 50-year planning horizon of 2060 (28.0 mgd) could be found and developed for use. The projected volumes

required through the 5-year and 20-year planning horizons in 2023 and 2030, respectively (9.3 mgd and 15.0 mgd, respectively) are more modest amounts of water that are within the volume of water for which planning is underway by AWC (Section 7.0).

Furthermore, it is not certain whether diversion permits can be obtained for all new supply sources, so targeted water conservation and water efficiency efforts should first be considered by AWC, Norwalk First Taxing District, and South Norwalk Electric & Water to further lower projected demands based on the guidance in Section 2.2. Such programs could include development of rate structures that encourage conservation initiatives. Note that AWC has already completed water conservation studies for each of its systems as discussed in Section 2.2. Following Section 4.0 which discusses challenges specific to small systems, Section 5.0 and Section 7.0 of this document present an analysis of future potential interconnections and supply sources in the region to address these water needs.

4.0 SATELLITE MANAGEMENT AND SMALL SYSTEM CHALLENGES

4.1 Satellite Management

Satellite management is defined in RCSA Section 25-33h-1(a)(10) as "management of a public water supply system by another public water system". Satellite management is common for small systems that are physically or geographically isolated from surrounding public water systems. Satellite management can be a cost-effective means of operating a small system because it takes advantage of the "economy of scale" factor that larger water suppliers can offer.

The term satellite system, while not defined in the regulations, is generally understood to mean a self-contained public water system that serves a discrete, usually small area that is not interconnected with a larger system or distribution piping network. Satellite systems typically serve a contained population, such as a condominium or apartment complex, a residential subdivision, a mobile home park, or a singular facility, such as a town hall, library, school, or business. Satellite systems may be managed by their owner (in the case of a private development) or a local government (in the case of a public facility), or they may be managed by a separate entity which owns and operates public water systems, such as a water company. It is the latter scenario that is considered satellite management. However, a better description of "satellite management" would be "satellite ownership and operation" as many entities that provide satellite management services operate under contract to an owner and management group.

Table 4-1 lists service providers who currently contract operator services to multiple public water systems that they do not own. This information is statewide and based on the most recent DPH Contract Operator List as of November 2017 and may not be complete. Some of the contract operators also own and operate their own satellite systems. Several entities provide services in the vicinity of their office location while others are willing to perform these services statewide.

TABLE 4-1
Entities Willing to Provide Contract Operation Services to Public Water Systems

Contract Operator	Office Location
Al's Affordable Plumbing	Clinton
Aqua Compliance Specialists	Salem
Aqua Pump	Stafford
Aquarion Water Company	Bridgeport
Connecticut Water Company	Clinton
Eastern Water Solutions	Oxford
Fuss & O'Neill	Manchester
Groton Utilities	Groton
Hazardville Water Company	Enfield
Hungerfords Pump Service	North Haven
Hydro Dynamic Engineering	Southington
Jewett City Water Company	Griswold
JH Barlow Pump and Water Conditioning	Wolcott
John Findorak & Sons	Wilton

TABLE 4-1
Entities Willing to Provide Contract Operation Services to Public Water Systems

Contract Operator	Office Location
LaFramboise Well Drilling & Water Service	Thompson
Northeast Water Solutions	Exeter, RI
Southeastern Connecticut Water Authority	Ledyard
Stavens Brothers	Tolland
SUEZ	Paramus, NJ, et al.
Tomaszek Plumbing and Heating Services	Waterford
Torrington Water Company	Torrington
VRI Environmental Services	Lagrangeville, NY
Water Systems Solutions & Design	Watertown
Water Systems Specialties	Thomaston
Weston & Sampson	Peabody, MA
Whitewater Water & Wastewater Solutions	Charlton, MA

The information presented in Table 4-2 should be used as a resource for those small system providers that are currently providing limited service in remote areas and that wish to contract out their operations. In general, the vast majority of small CWSs and NTNC systems rely on contract operators to provide technical capacity for day-to-day maintenance of public water systems. In an effort to evaluate the future need for satellite contract operations, as well as the ability and willingness of water suppliers to provide such services, the ESA providers in the region were queried. Results are presented in Table 4-2.

TABLE 4-2
Satellite Management Needs and Opportunities of ESA Providers

ESA Holder	Intend to Operate Their Own Satellite Public Water Systems	Potential Need for Contract Operation by Other Providers	Available to Operate Satellite Water Systems for Others	Satellite Systems Unlikely to Occur in ESA
Aquarion Water Company	X		X	
Bethel Water Department				X
Bristol Water Department				X
Connecticut Water Company	X		X	
Danbury Water Department	X			
ESA Unassigned		X		
Heritage Village Water Company	X		X	
New Fairfield WPCA		X		X
New Hartford WPCA		X^		X
Norwalk First Taxing District				X
SCCRWA	X*			
Sharon Water Department				X
South Norwalk Electric & Water				X
State Agency Existing Service Area				X
Torrington Water Company	X		X	
Town of Bethlehem		X		

TABLE 4-2
Satellite Management Needs and Opportunities of ESA Providers

ESA Holder	Intend to Operate Their Own Satellite Public Water Systems	Potential Need for Contract Operation by Other Providers	Available to Operate Satellite Water Systems for Others	Satellite Systems Unlikely to Occur in ESA
Town of Goshen		X		
Town of Morris		X		
Waterbury Water Department				X
Watertown Fire District				X
Watertown Water & Sewer Authority				X
Winsted Water Works	X			
Wolcott Water Department	X			

*Water main extensions preferred over satellite system operation for these utilities.
^Currently has a contract operator for its systems.

In general, the need for new public water systems in the region will be driven by the following conditions:

- Creating public water systems in some village centers may be necessary due to high densities and challenging lot sizes coupled with a desire for nominal economic growth. An example is Cornwall Bridge, where the lack of utilities is considered to be limiting economic development;

- Creating public water systems in some village centers or neighborhoods may be necessary due to water quality concerns;

- Developers will continue to approach local governments about new projects ranging from commercial establishments to various types of developments. Many of these will necessitate the development of new public water systems (community or non-community), particularly if local land use regulations push for dense, cluster-style developments to minimize impervious surfaces.

Because some portions of the Western PWSMA are rural, the need for public water service may not be able to be addressed by extension of existing public water systems. However, development of new public water systems must not be taken lightly, especially given the many small systems that are already located in the region and the fact that the creation of new systems is costly. When new public water systems are determined to be necessary, the construction of such systems is governed by the CPCN process codified in CGS 16-262m. This process is discussed in detail in Section 3.0 of *Final Recommended Exclusive Service Areas* (June 2017).

While specific regulations have been developed governing the minimum standards to be met for the creation of new community water systems, regulations have not yet been developed for non-community water systems. The WUCC recommends development of such regulations in order to ensure standardized and consistent development of new non-community water systems across the state.

While the development of new small water systems is performed through the CPCN process, the WUCC has an important role in the creation of new water systems. Per RCSA Section 25-33h-1(k)(3), DPH

requests that the WUCC recommend the creation of any new water system as opposed to developing a main extension. The Western WUCC has recently reviewed the proposed development of TNC systems. This process provides the opportunity for the WUCC to review the feasibly of a main extension between the applicant and nearby public water systems. In the future, such reviews should be performed prior to issuing a recommendation for the development of a new public water system.

> The potential exists for many non-community systems to be consolidated and operated by an ESA holder. A dedicated source of funding is necessary to allow for the consolidation of such systems, as the cost is unlikely to be borne by a single developer or the individual systems being consolidated.

The WUCC recognizes the challenges of expanding small CWSs and non-community systems under private ownership to provide service to new properties, but encourages this to be performed when possible (see Section 6.1 for an example). As a condition of approval, new NTNC and TNC systems constructed since 2007 have been required to consolidate with a CWS once one becomes available. There are presently no regulatory mandates (short of a Consent Order or activation of a takeover proceeding) for ordering older public water systems to consolidate, and such consolidation is often expensive. A dedicated funding source for consolidation of nearby systems would therefore allow for the consolidation of small water systems whose primary business is not the conveyance of public water supply, while developers would be able to reasonably cover the cost of a site-specific water supply evaluation and cost of design as done today.

With the development of ESAs across the Western PWSMA, the mapping developed for the *Final Recommended Exclusive Service Areas* (June 2017) depicts the areas in which ESA holders will be responsible for providing satellite management (ownership and operation) of new CWSs. For a few ESA holders, satellite systems are unlikely to be possible or necessary due to the near saturation of the existing system within the ESA, or due to the lack of buildable area in remaining unserved areas of the ESA.

Numerous local government ESA holders who may perform satellite management have indicated a possible need for contract operation of community and NTNC systems that are located within their ESA. All of these noted local governments currently provide service to limited facilities, such as schools and town halls. Several of these local governments have entered into agreements (some formal, some informal) with other providers for satellite management. Several of the larger local government ESA holders (i.e., currently providing service to greater than 1,000 people) have also indicated a possible future need for satellite management.

4.2 Small System Challenges and Viability

Many of the public water systems in the Western PWSMA are small systems. Operational requirements such as regulatory permitting, technical assessment, system maintenance, infrastructure replacement, and water supply need require a disproportionate amount of time and money compared to the operation of a larger system. Furthermore, many such small systems are associated with developments where the water system was designed as an accessory and not the primary component. For some systems, this has resulted in limited understanding of the technical, managerial, and financial needs of those public water systems.

Many small systems rely on components that are beyond their useful service life. However, planning to acquire loans from the Drinking Water State Revolving Fund (DWSRF) must be done in advance, whereas during emergencies small systems need access to capital immediately and typically need to secure traditional bank funding. Additionally, the current DWSRF program administered by DPH has been identified by many utilities as being burdensome and time consuming, particularly for small system owners who may not have the staff and time to complete the forms, address DPH questions, etc.

In particular, the lack of proper planning and/or asset management planning for many small CWSs (particularly a lack of knowledge regarding the full cost of providing a safe and reliable supply of drinking water) has resulted in systems with limited financial capacity to address public health code issues and deficiencies.

Lack of customer meters is another problem in small water systems. When individual customers do not know or understand their water consumption figures or the costs required to receive drinking water, the situation impedes the ability to recover true costs and discourages water conservation. Metering can be a physical challenge if apartments and condominiums are not arranged in a manner that facilitates meter installation.

Townsley Report

The Townsley Consulting Group, LLC prepared *A Review of Financial and System Viability of Connecticut's Small Community Water Systems Prepared for the State of Connecticut Public Utilities Regulatory Authority* (March 2014). The report was commissioned by the Public Utilities Regulatory Authority (PURA) in response to Section 47 of Public Act 13-298. Townsley surveyed 348 small CWSs (serving less than 1,000 people) regarding technical and financial information with a response rate of about 30% (a little over 100 systems responded). In addition, Townsley randomly selected 65 CWSs to evaluate their sanitary survey reports. Finally, Townsley also discussed the acquisition process with major investor-owned water utilities.

The Townsley study concluded that the biggest costs for small utilities were regulatory compliance (including water quality sampling) and preventative maintenance. A small number of systems appeared to be in poor condition and needing significant capital investment. Approximately one-fifth of the systems were not currently collecting or obtaining sufficient revenues to meet daily operational needs, and approximately half were not able to escrow funds for future maintenance needs and emergencies. Overall, approximately 40% of the systems were operating "day-to-day" financially. A slight majority of respondents (56%) indicated that they would not be interested in being taken over by another utility. The study noted that increasing regulatory requirements may pose a risk to the continued financial viability of some small systems. This integrated report has gleaned and adapted the following four recommendations from the findings of the Townsley report:

- Recommended developing a grant or loan funding mechanism specific to meeting small system needs (including streamlined forms);
- Recommended that PURA and DPH streamline the regulatory process for uncontested water system acquisitions, such as removing the need for the acquiring utility to essentially "re-permit" the system following acquisition. Use of a single, joint application to CT DPH and PURA was recommended, with the ability to waive unnecessary hearings, a less burdensome process for resolving disputes, and without a separate permitting effort.

- Recommended that PURA consider implementing an initial rate setting policy for new CWS requiring regulatory oversight to help ensure that the initial established rates are cost-based (to cover expenses and reserve fund);
- Recommended identifying CWSs that would have high future capital requirements or other issues that would affect the ability to provide water service. One method was to improve the triennial inspection (sanitary survey) to include data collection on the status of infrastructure, future capital needs, and financial viability. To this end, the study recommended asset management legislation be reintroduced to provide a framework for small system viability.

Regarding the first recommendation, DPH appears to prefer continued utilization of the DWSRF to meet small system needs. This is discussed in Section 11. To date, the status of action on the second recommendation above is not known. Regarding the third recommendation, it is largely no longer germane as ESAs have been assigned throughout the state with ESA holders who will establish rates. Finally, the last recommendation developed into the Capacity Assessment Tool (CAT) now used by DPH to determine the technical, managerial, and financial viability of small water systems, and legislation[13] has been introduced regarding asset management for small systems.

The DPH activated a dedicated Sanitary Survey webpage in March 2018 to help small systems prepare for its sanitary survey. In addition, DPH is now requiring a capacity assessment questionnaire to be answered to provide additional information regarding managerial and financial capacity to inform the CAT. Finally, DPH is also requiring submission of ADD, MMADD, and PDD data for the past three calendar years and instantaneous flow rates for each source.

Limited information is available regarding the viability of small water systems. The CAT is a good method for understanding the status of such systems. Continued maintenance and enhancement of the CAT is recommended, which should be updated during each sanitary survey visit and provided to the surveyed water system as part of the sanitary survey report. In this way, each small water system will be made aware of areas for potential improvement. Development of a CAT specifically for non-community water systems, which are typically structured differently from CWSs, is warranted.

The Townsley Report regarding contends that the largest costs for small utilities were regulatory compliance and preventative maintenance. Although the perception of compliance as a major cost may be true in practice for some systems that have deferred maintenance (therefore making maintenance costs artificially low), it is unlikely correct over the long term. If systems were keeping up with maintenance, that would likely be a much higher cost than regulatory compliance. The WUCCs should strive to educate small systems in this matter when possible.

Water Supply Assessment Report

As noted in the WSA report, the large number of small public water systems in the region is not viewed as an issue per se. However, the viability of these systems is an issue of concern, particularly in regions where the density of small systems is noticeable, such as in Brookfield and New Fairfield. Additionally, the operation of small water systems immediately adjacent to larger systems can result in a disparity of the cost of water among populations in close proximity, especially when small systems fail to fully fund their water system operations. The cost of interconnecting small systems can be prohibitive or, at the

[13] https://www.cga.ct.gov/2017/TOB/h/2017HB-07220-R00-HB.htm

very least, a disincentive. More fully understanding small water system technical, managerial, and financial capacity to provide water supply is of interest. Several sets of challenges are facing the region:

- Eliminating the proliferation of small systems may be possible in communities where larger public water system expansions have occurred, and therefore, these larger systems are now adjacent to small systems. Examples can be found in Brookfield and New Milford. Barriers to connecting small systems to larger systems (thus eliminating the small separate systems) include lack of funding and/or desire to make the investment, lack of interest from the small system, potential changes in water quality, inconsistencies between the design and technical standards of the small system and the acquiring utility, and potential changes in pressure. For the most part, these types of barriers should be feasible to transcend provided funding is available.

- Reducing the number of small systems may be possible in some communities where options are limited. For example, the Town of Bethlehem has envisioned a consolidated water system to replace the disparate non-community systems in its ESA.

- Potential acquisitions of water systems may be of interest to system owners that are not in the business of providing water. For example, numerous small water systems are in operation that serve apartment complexes and mobile home parks. Some private boarding schools also exist in the region with education as their chief objective, and they may not be interested in water system management.

- Potential acquisitions of water systems may be of interest to owners that are currently experiencing significant technical, managerial, and capacity challenges. These systems, particularly the numerous non-community systems, could benefit from different ownership.

In general, small systems considered to have high technical, managerial, and financial capacity are considered to be viable while systems lacking capacity in one or more areas may not be viable. The DPH piloted the CAT in 2015 as a method for tracking the viability of small CWSs. For those systems found to be lacking capacity in one or more areas, conducting system improvements, interconnecting with another utility, consolidating with another utility, or becoming a satellite system of another utility are potential general options to improve capacity.

In some cases, the customers of a small community system with limited managerial or financial capacity to perform asset management and capital improvement planning may be better served by selling the water system to another utility (such as the surrounding ESA holder) who has been found to be capable of providing adequate technical, managerial, and financial oversight. In such a case, the customers would continue to rely on existing water system sources and infrastructure but would benefit from the technical and maintenance support of a more administratively sound utility. Such satellite ownership and operation is presented as Option B in Section 4.3 below.

Interconnections in the region are discussed in more detail in Section 5.0. Interconnections are sometimes associated with system consolidation, but they are different concepts. An interconnection allows for flow of water in either one or both directions, sometimes during emergencies or seasonal shortages and sometimes to provide a sustained source of supply from one system to another. While water is shared between two systems, the management of each individual system continues to be performed by each respective utility. Interconnections are presented as Option C in Section 4.3 below.

Alternatively, consolidation serves to merge two separate systems to operate as one, physically and administratively. The system being consolidated ceases to exist as a separate water system, and any existing sources of supply and other water system infrastructure are reassigned to the utility and system performing the consolidation. This option is presented as Option D in Section 4.3 below. One challenge related to consolidation is the need to either abandon or obtain diversion permits for the sources of supply for the small system being consolidated. Abandonment is typically pursued when the small system supplies are not considered cost effective to operate.

4.3 Recommended Actions for Small Community Water Systems

As of December 2017, a total of 48 small CWSs in the west region were coded "yellow" relative to the CAT score system, and two are "red". These numbers do not include satellite CWSs owned by larger water utilities (those that prepare water supply plans such as AWC and CWC). These 50 systems (out of 103 total) were further evaluated to determine appropriate actions that can be taken to make them more sustainable and resilient. This evaluation was undertaken in partnership with the Drinking Water System Vulnerability Assessment and Resiliency planning process conducted by CIRCA and UConn in 2017 and 2018. Factors considered in the evaluation include the following:

- CAT score;
- Whether the CWS is within 1,000 feet of another CWS (this information was provided in the WSA report);
- Actual distance to another CWS; and
- Limitations related to sources, storage, or pumping. For example, some CWSs have only one source of supply (one well), and most lack atmospheric storage. Some have insufficient hydropneumatic storage, only bladder storage, or lack any storage whatsoever.

The WUCCs believe it is inappropriate to assign single actions to individual small CWSs. Instead, a toolbox of options has been developed, and each CWS has been placed into a bin with several tools available for achieving improved resilience. The following tools were identified:

A. Conduct internal improvements and remain a small, independently owned CWS;
B. Pursue acquisition by a larger CWS and remain a satellite system owned and operated by the larger CWS;
C. Interconnection with a larger or more viable CWS; and
D. Interconnection and eventual consolidation with a larger or more viable CWS.

To ensure that each CWS has at least two tools, six bins were utilized. It is important to recognize that option A is always available as a tool for a small CWS. In addition, interconnection or consolidation of more than one system in an area may be geographically feasible depending on the location of the project and should be considered as part of any project pursued under option C or option D above. Systems were placed into bins as follows:

1. A and B: 17 CWSs. These systems are typically too distant for an interconnection or consolidation to be a viable option. There are many examples in the region.
2. A and C: zero CWSs. Examples can be found in other regions.
3. A and D: zero CWSs. Examples can be found in other regions.
4. A, B, and C: three CWSs. These systems may be sufficiently close to another system that interconnection is feasible, as is acquisition by a larger system. An example is AWC - Hickory Hills

system in Brookfield, which could interconnect with the adjacent Candlewood Shores Taxing District but would be unlikely to consolidate with Candlewood Shores Taxing District. This CWS was recently acquired by the ESA holder in Brookfield (AWC) to be operated as a satellite.

5. A, B, and D: one CWS. These systems are in areas where acquisition and operation of satellites is common, but eventual consolidation might make sense. The sole example is Quassuk Heights in Woodbury.
6. A, C, and D: 29 CWSs; these systems are typically within 1,000 feet of another CWS and should therefore focus on becoming interconnected or consolidated.

CWSs coded "green" (high capacity scores) in the CAT were not included in the detailed evaluation described above as they are believed more sustainable and resilient due to the individual components of their technical, managerial, and financial capabilities. However, some of the green score systems in Connecticut are located in close proximity to existing CWSs and should consider interconnections as a future tool for maintaining viability and increasing resilience. The following CWS in the west region is applicable:

- Candlewood Orchards Property Owners Corporation (interconnect with an adjacent system).

The WUCC, in coordination with DPH, should develop a procedure for periodically reviewing the 50 yellow and red score systems in the bins and the one green score system that could be interconnected with other systems. The DPH should annually report on the status of such systems and document technical or planning-level assistance provided to any of them. Furthermore, the WUCC should encourage DPH to regularly update the CAT for small community systems throughout the state and keep ESA holders advised of low-capacity systems within their ESA.

Although DPH and PURA may order a failing water system to be taken over by another utility, this process is relatively rare. It is important to note that unless ordered by the state through a takeover or other process, small systems must voluntarily accept transfer of ownership or consolidation. Therefore, there is no set schedule contemplated by the WUCC for any of the projects identified for these small CWSs. Rather, systems are encouraged to evaluate their current situation and consider the general recommendations herein as potential solutions. Finally, regardless of the ESA holder, local municipal leaders should be kept apprised of any takeover process that may be initiated against a public water system in their community.

The WUCC regulations call for identification of public water systems willing to secure satellite management provided by another utility or willing to transfer ownership to another utility. The regulations also call for the development of a water system satellite management program and schedule for its implementation. In lieu of making binding determinations relative to these items in the regulations, the approach outlined above can be used to accomplish the intent of the regulations.

4.4 Emergency Management, Communications, and Voluntary Associations

Local governments are responsible for providing a priority power restoration list to electric utilities. These lists typically include critical local facilities such as the emergency operations center, fire departments, and public works facility; emergency shelters and schools that can be used as shelter; elderly and assisted living facilities; and infrastructure such as water and sewer pumping stations. Small water systems that are not considered critical facilities by local emergency management personnel are often not on that list. For example, a nursing home with its own water system would be on the local

critical facility list due to challenges related to sheltering off site vs. sheltering in place, but an apartment building with its own water system would not be because such residents are more likely to have off site options. DPH has been focused on updating nursing home contacts recently, but it may be prudent to develop a secondary list of critical facilities for local governments that is comprised of small CWSs.

Likewise, emergency contact information is a key concern related to small systems. According to DPH, small CWS owners and operators often require several emails and telephone calls to elicit a response. Systems managed by voluntary associations are reportedly particularly difficult to contact because the association contacts can change frequently, and the level of water system managerial capacity can change rapidly. The merging of multiple levels of critical facility contacts and public water supply contacts into one system could help overall communications during and after emergencies.

The Drinking Water System Vulnerability Assessment and Resiliency planning process and report will likely provide recommendations for the above considerations. In the meantime, two provisional recommendations are as follows:

- Develop a list of CWSs to provide to local governments and the electric utilities that will be considered a second tier of critical facilities. When local hazard mitigation plans and emergency operations plans are updated, incorporate these inventories. DPH has already prepared such a list. Similar to the approach for dam emergency action plans, the contact information (person, telephone numbers, and email addresses) should be verified and updated biennially; and

- Augment DPH's list of emergency contacts with the pertinent contact information for the local emergency management director and his/her backup.

A method to phase out volunteer associations from being system owners should be considered in coordination with DPH. This would address limitations that voluntary associations currently face with regard to applying for grants and loans such as the DWSRF. Possible tools to reducing the number of voluntary associations include using the takeover process in the regulations or requiring a different ownership model for small CWSs. One recommendation is the following:

- The WUCCs and DPH should review the small CWS inventory to determine a subset of systems that are run by voluntary associations and reach out to such systems to determine whether technical, managerial, or financial assistance is needed.

5.0 EXISTING AND POTENTIAL FUTURE INTERCONNECTIONS

An interconnection is any physical, hydraulic connection between two or more public water systems. Interconnections may be temporary or permanent, unidirectional or bidirectional. Interconnections are used for different purposes:

- Emergency interconnections are put in place for anticipated use in the event of an emergency or drought condition such that one public water system is able to provide water to another system for the duration of the emergency.

- Active interconnections are utilized on a periodic or regular basis to supplement flows during unusually high demand peak periods of service, or are utilized daily to supply water from one system to another.

When systems are proximal to each other, interconnections present a cost-effective solution to meet periodic or regular water needs, including needs during critical or emergency situations such drought, water quality problems or treatment issues, or during routine maintenance of a supply source or storage tank. Deterrents to interconnections include water quality (blending concerns); capital improvement costs; fire protection considerations; and operational, maintenance, and monitoring requirements.

The Water Supply Assessment for the Western PWSMA provided the following summary statements regarding interconnections in the region:

- *Development of New Interconnections* – New interconnections may be desired where not already present. This can help address water supply imbalances and increase redundancies that are desirable during water supply emergencies or droughts. For example, Heritage Village Water Company is not interconnected with any potential suppliers to the north, west, or south; and AWC may benefit from additional interconnections between its separate systems. Some interconnections will require pumping stations, meter pits, and/or pressure reducing valves, which can greatly add to the project cost. The development of interconnections should include consideration of raw water interconnections among utilities that utilize surface water. This type of interconnection is relatively rare in the Western PWSMA, but such interconnections can be utilized to bolster surface water supplies during prolonged drought conditions.

- *Movement of Water through Interconnections* – The movement of water from areas of surplus to areas of need is not always straightforward even where interconnections are already present. Potential barriers include water quality differences, pressure gradients, the challenges associated with diversion permitting, and/or lack of agreements for the movement of water. For example, several interconnections are in place to move water from Naugatuck through Middlebury to Southbury. However, water is seldom moved in this manner. In the future, it may be desirable to facilitate this action. In addition, concerns about the potential long-term environmental and economic development impacts of transfers of water into or out of a basin (for example, the Town of Southbury) must also be considered. Emergency interconnections, which exist solely to address short-term events, are an opportunity to provide critical supply redundancy with minimal long-term impact.

5.1 Existing Interconnections in the Region

In the Western PWSMA, numerous systems are in place for the daily transfer of water from one system to another. Existing interconnections in the region were previously discussed in Section 2 of the *Final Water Supply Assessment* (December 2016), and general locations and directions of active flow are shown on Appended Figure 1. These are summarized in Table 5-1.

TABLE 5-1
List of Active Interconnections in the Western PWSMA Providing Transfer of Water

Supplier	Receiver	Town	Average Day Transfer (mgd)	Year
AWC - Newtown System	AWC – Chimney Heights	Bethel	0.002	2016
Danbury Water Department	AWC – Berkshire	Bethel*	0.056	2016
New Britain Water Department	Bristol Water Department	Bristol, Plainville	0.250	2015
AWC - Brookfield	AWC – Brookwood	Brookfield	0.020	2016
SCCRWA	Meriden Water Division	Cheshire	0.220	2016
Danbury Water Department	AWC - Hollandale Estates	Danbury	0.011	2016
Danbury Water Department	AWC – Indian Spring	Danbury	0.000	2016
Danbury Water Department	AWC – Ken Oaks	Danbury	0.025	2016
Danbury Water Department	AWC – Rolling Ridge	Danbury	0.008	2016
Danbury Water Department	Cornell Hills Association	Danbury	0.000	2016
Second Norwalk Taxing District	AWC – Noroton System	Darien	0.042	2016
SCCRWA	AWC – East Derby System	Derby*	0.154	2016
AWC – Greenwich System	Suez Water Westchester	Greenwich*	4.128	2016
CWC – Central System	Heritage Village Water Company	Middlebury	0.000	2016
Waterbury Water Department	CWC – Hillcrest	Middlebury	0.004	2016
AWC – Main System	AWC – Combined Southwestern Fairfield County System (Greenwich, New Canaan, Noroton, and Stamford subsystems)	New Canaan, Darien, Stamford, Wilton, Ridgefield*	5.306	2016
AWC – Main System	AWC – Ridgefield	Ridgefield	0.524	2016
AWC – Meadowbrook System	AWC – Pleasant View	New Milford	0.000	2016
AWC – New Milford	AWC – Brookfield	New Milford	0.000	2016
Heritage Village Water Company	AWC – Oxford Town Center	Oxford	0.041	2016
CWC – Thomaston System	CWC – Terryville System	Plymouth	0.000	2016
Danbury Water Department	AWC – McKeon	Ridgefield	0.006	2016
Danbury Water Department	AWC – Barnum	Ridgefield	0.010	2016
SCCRWA	AWC – Hawkstone	Seymour	0.011	2016
SCCRWA	AWC – Valley System	Seymour*	0.556	2016

TABLE 5-1
List of Active Interconnections in the Western PWSMA Providing Transfer of Water

Supplier	Receiver	Town	Average Day Transfer (mgd)	Year
Waterbury Water Department	CWC – Thomaston System	Thomaston	0.000	2016
Torrington Water Company	AWC – Litchfield System	Torrington	0.131	2016
Waterbury Water Department	Wolcott Water Department	Waterbury	0.118	2008
Watertown Fire District	Watertown Water & Sewer - Westgate	Watertown	0.012	2012
Waterbury Water Department	Watertown Water & Sewer Authority	Watertown*	0.898	2012
Countryside Apartments	AWC – Clearview System	Wolcott	0.007	2016

* Multiple interconnections exist between the two utilities.
** Multiple interconnections and the AWC - Main system also provide water to Noroton, New Canaan, and Greenwich subsystems.

Table 5-2 lists the known emergency interconnections in the region.

TABLE 5-2
List of Existing Emergency Interconnections in the Western PWSMA

Supplier	Receiver	Town
Aqua Vista Association, Inc. – Upper System	Aqua Vista Association, Inc. – Lower System	Danbury
AWC – Main System	AWC – Newtown System	Newtown
Danbury Water Department	AWC – Chimney Heights	Danbury
Norwalk First Taxing District	AWC – Main System	Norwalk*, Wilton
CWC – Terryville System	Bristol Water Department	Plymouth
Valley Water Systems, Inc.	Bristol Water Department	Bristol
Waterbury Water Department	CWC – Central System	Waterbury
Bristol Water Department	CWC – Terryville System	Plymouth
Metropolitan District Commission	New Hartford Water Department	New Hartford
South Norwalk Electric & Water)	Norwalk First Taxing District	Norwalk*
AWC - Main System	South Norwalk Electric & Water	Wilton
Norwalk First Taxing District	South Norwalk Electric & Water	Norwalk
Waterbury Water Department	Watertown Fire District	Watertown
Watertown Fire District	Watertown Water & Sewer Authority	Watertown

* Multiple interconnections exist between the two utilities.

5.2 Interconnection Permitting Requirements

The following permitting requirements apply to interconnections:

5.2.1 Sale of Excess Water Permits

CGS Section 22a-358 requires that whenever any public water system has water reserves in excess of those required to maintain an abundant supply of water to inhabitants of its service area, such system may sell such excess water to any other public water system upon approval from the Commissioner of Public Health. Such approval can be given only after the applicant has clearly established to the satisfaction of the commissioner that such abundant supplies are in existence and will continue to be in existence for 5 years or for such longer period as the applicant seeks permission to sell excess water. Permits are valid for a maximum of 10 years.

Prior to 1985, the sale of excess water was regulated through the Connecticut DEEP. Public Act 85-142 transferred the approval requirement from the Commissioner of DEEP to the Commissioner of Public Health. Table 5-3 presents the active Sale of Excess Water Permits issued by Connecticut DPH as of November 2017.

TABLE 5-3
Sale of Excess Water Permits Issued by DPH

System Supplying Water	System(s) Receiving Water	Type*	Average Daily Permitted Transfer (mgd)	Maximum Month Permitted Transfer (mgd)
SCCRWA	AWC – East Derby	D	0.150	0.260
SCCRWA	AWC – Hawkstone	D	0.050	0.050
Torrington Water Company	AWC – Litchfield	D	0.400	0.400
Heritage Village Water Company	AWC – Oxford Town Center	D	0.050	0.050
SCCRWA	AWC – Valley	D	4.000	4.000
New Britain Water Department	Bristol Water Department	D	0.500	0.500
Waterbury Water Department	CWC – Central System	D	0.300	0.300
Waterbury Water Department	CWC – Thomaston	D	0.650	0.650
CWC – Central System	Heritage Village Water Co.	D	0.500	0.500
SCCRWA	Meriden Water Division	D	1.000	1.000
Southington Water Department	SCCRWA	E	1.000	1.000
Wallingford Water Division	SCCRWA	E	1.000	1.000
SCCRWA	Southington Water Department	E	1.000	1.000
AWC – Greenwich	SUEZ Water Westchester	D	5.000	5.000
Meriden Water Division	Wallingford Water Division	E	0.010	0.010
SCCRWA	Wallingford Water Division	E	1.000	1.000
Waterbury Water Division	Watertown Fire District	E	As Needed	As Needed
Waterbury Water Division	Watertown Water & Sewer	D	3.000	3.000
Watertown Fire District	Watertown Water & Sewer	E	0.050	0.050
Waterbury Water Division	Wolcott Water Department	D	0.800	0.800

*Permit Category includes D = Daily, E = Emergency.
List includes active permits through August 31, 2017.

A variety of permits are active in the region. Many of the permits are for active daily use. The remainder are for emergency interconnections, with the majority of the emergency interconnections permitted being between SCCRWA and nearby parties. While it has been argued by several utilities that

Sale of Excess Water permits should not be required for emergency interconnections, and that the permit requirements are considered an impediment to the development of emergency interconnections, the permit application process is straightforward for emergency interconnections as there is no requirement to allocate an increment of available water to the interconnection.

Several WUCC members have expressed concern with CGS 22a-358 as it requires a permit for any sale of water without a reasonable minimum threshold. Even if a utility provides a minimal amount of water to another utility to service one property as a consecutive system, the supplying utility is required to obtain a Sale of Excess Water permit. In some cases, modification of the ESA boundary would be an appropriate way to address this issue. However, for systems not authorized to provide direct service outside of a franchise area, adoption of a minimal threshold allowing for some exemption from this permitting is desired.

> Adoption of a minimal threshold (per day or per year) to the Sale of Excess Water permit statute is of interest to some utilities to exempt minimal sales to consecutive water systems.

5.2.2 Diversion Permitting Requirements

While some interconnections have been in place for many decades and were registered in accordance with the Water Diversion Policy Act (CGS 22a-365 through 22a-379) enacted in 1982, some more recently constructed interconnections require a diversion permit from Connecticut DEEP. An individual diversion permit is required for proposed diversions in excess of 50,000 gallons per day (gpd) that have the potential to have more than minimal impacts to the environment, including those involving inter-basin transfers of water.

A general permit is available for transfers of water up to 1.0 mgd which would have minimal environmental impacts. CGS Section 22a-378a allows DEEP to issue a general permit for minor activities including the following:

> *"Transferring water from one distribution system or service area to another distribution system or service area or the installation of the capacity to transfer such water in anticipation of a water supply emergency for public water supply"*

Therefore, general permits are required for transfers of water above 50,000 gpd that Connecticut DEEP deems to cause minimum environmental impacts[14], including emergency interconnections of water distribution systems and some interconnections proposed for active, daily use. Many interconnections with a maximum transfer of less than 1.0 mgd fall into this category, although some interconnections require a more detailed analysis.

According to DEEP, its interconnection permitting considerations include the following in general:

- The overall need for, or ability to provide water from the interconnection based on individual water supply planning;
- The opportunity to increase water supply through decreased unaccounted-for water and/or increased conservation in lieu of the requested transfer; and

[14] For example, DEEP indicates that the General Permit for Diversion of Water for Cosumptive Use uses 5% of the 99% durational flow (approximately the 7Q10 flow) as a cutoff for minimal environmental effect.

- The potential for environmental impacts at the source.

In addition, temporary authorizations may be issued by DEEP when necessary. In the event of a water supply emergency, DEEP has the authority to temporarily issue a permit for diversion of water for a period of up to 30 days, which can be extended for one additional 30-day period (CGS Section 22a-378). Extensions may be granted beyond the second 30-day period.

5.2.3 Interconnection Agreement Requirements

Interconnection agreements between utilities range from informal (in some cases based on a verbal agreement) to legal documents. There are no set criteria with respect to the terms and conditions of interconnections; however, most sound agreements include the following elements:

- Term of agreement;
- Location and type of water (raw or finished);
- Apportionment of cost of design and construction of the interconnection;
- Apportionment of maintenance costs, testing, flushing, etc.;
- Quantity of water to be taken under a variety of conditions;
- Time of day or time of year restrictions;
- Metering devices required;
- Price of water and mechanism for future price adjustments;
- Frequency of payment;
- Minimum purchases or standby charges;
- Pressure range of water at point of transfer;
- Factors mitigating the contract; and
- Notice required to terminate.

Interconnections for sale of water must be considered as a commitment against the supplier's available water for as long as the agreement exists. Interconnections for purchased water may be included as part of the receiving system's available water provided that reliable delivery is assured by contract. In addition, CGS 22a-358 requires that the receiving utility agree to restrict water usage in the same manner as the supplier when necessary in accordance with the emergency contingency provisions of the supplier's WSP.

The following guidelines have been developed for the use and maintenance of interconnections:

1. Conduct hydraulic analysis of the two systems to determine pipe size that is adequate to transmit the water required at a predetermined differential pressure.

2. Equip the interconnection with a meter that is sized to properly measure the anticipated flow and that has isolating valves.

3. Provide a flexible coupling to permit removal of the pipes or meter if required.

4. Provide a bypass for emergency use to allow the interconnection to be used at times when the meter is out of service.

5. Provide taps on each side of the meter isolating valves to check pressures prior to use and to empty pipes for dismantling for meter service and calibration.

6. Provide nearby hydrants for use in water sampling, flushing, and flow measurement.

7. Provide a meter pit, if possible, with manhole covers capable of being easily opened for purposes of meter reading, valve adjustment, and flushing.

5.3 Potential Interconnections to Address Supply Deficits in the Region

Inter- and intra-regional interconnections must be considered as a potential means of supplying water. They may be less expensive than developing additional sources such as groundwater supplies. Interconnections can also provide supply to areas where groundwater or surface water source development is not feasible.

Summary Statement

Recall from Section 3.7 that with passive water conservation and revised guidance to calculate MMADD available water, the Western PWSMA has a total deficit of at least 9.274 mgd (2023), 14.974 mgd (2030), and 28.097 mgd (2060) under MMADD conditions (Table 3-14); and the AWC - Southwest Fairfield County system comprises the majority of these deficits in 2023 and 2030 despite transfers of water from the AWC – Main system. Two important findings are:

- The small systems that contribute to the deficit figures can either address the perceived deficits through new or revised contractual agreements and permits while utilizing existing interconnections (such as AWC's Danbury systems and Wolcott Water Department); or may need additional bedrock wells. These are system-specific needs that can be addressed individually. The owners of these water systems should independently address these needs using this document as a starting point, but ultimately should consult with their own Individual WSPs or planning documents.

- At the other end of the spectrum, the AWC - Main system serving Bridgeport and surrounding towns will not experience a potential deficit until 2060. Since this represents a very long view under inherently uncertain conditions, AWC is better served by carefully monitoring the needs of the Main System and addressing them as needed. This will occur as part of the AWC's Individual WSP update process.

A number of potential deficits with intermediate magnitudes (but greater than 0.1 mgd) and timeframes (2023 and 2030) should be the focus of the WUCC. Specifically:

- AWC Brookfield has a need of about 0.233 mgd by 2030 (or 0.392 mgd if MOS of 1.15 is maintained for the individual system). The existing interconnection with the AWC New Milford system can be used to offset this deficit, as well as future interconnections with AWC systems to the south such as Chimney Heights and Newtown.
- AWC Chimney Heights has a need of about 0.125 mgd by 2030 (or 0.186 mgd if MOS of 1.15 is maintained for the individual system). The existing interconnection with the AWC Newtown system

can be used to offset this deficit, as well as future interconnections with AWC systems to the north such as Brookfield and New Milford.

- AWC Newtown System has a need of about 0.780 mgd by 2030 (or 1.069 mgd if MOS of 1.15 is maintained for the individual system). A future interconnection with the AWC Main System to the south can help alleviate this need.
- AWC Ridgefield has a need of about 0.855 mgd by 2030 (or 1.066 mgd if MOS of 1.15 is maintained for the individual system). These volumes can already come from the AWC Main System through existing infrastructure, as lesser volumes are already being moved to Ridgefield as needed.
- AWC Southwest Fairfield County needs about 14.2 mgd (or 20.5 mgd if MOS of 1.15 is maintained), with up to 7.26 mgd of this deficit already provided from the AWC – Main system. Supply to meet the remainder of this deficit will largely come from the AWC Main System as it brings the Housatonic Wellfield back online, which will augment its total available water by 16.6 mgd and provide additional supply for transfer to the Southwestern Fairfield County system.
- Bethel's projected deficit is simply due to uncertainty about the available water from the new wells that are being developed and permitted. The water utility is working to address this uncertainty, and it is not expected to be regionally significant. However, any interconnections developed by this utility may be regionally significant.

Note that the majority of the projected deficits presented above are expected to be reduced due to targeted water conservation and water efficiency efforts instituted by AWC over the 5-year and 20-year planning period. The WUCC should encourage such efforts by AWC and other utilities.

Interconnection Considerations

The regulatory and participatory process involved in creating regional interconnections can be costly and time consuming. Some interconnections also require the cooperation of many municipal and private entities for project success. There are currently no mandates for systems to interconnect or for systems to act as a vehicle for pass-through transmission of water. A lack of cooperation by one or more entities could necessitate the installation of parallel transmission piping (where mains owned by separate utilities lay side-by-side), which is contrary to the goals of the ESA delineation process per RCSA 25-33h-1(d)(B)(i)(cc). Therefore, regional WUCC meetings will continue to be a forum to discuss regional needs and come to agreements on how certain areas may be served.

Water quality is a concern when interconnections result in the blending of water from two or more systems. When the character of drinking water changes, even slightly, consumers may become dissatisfied. Additional concerns arise for certain specialized uses, such as industrial process water. Systems proposing an interconnection for active daily use are encouraged to evaluate the potential water quality that may result following any such connection as part of their feasibility study; such result will be specific to the water quality in each system.

Table 5-4 includes the interconnections listed as potential future sources of supply in water supply plans and the state's high-quality source list; these were previously listed in Table 2-10 of the Final Water Supply Assessment report (December 2016):

TABLE 5-4
Interconnections Listed in Water Supply Plans and High Quality Source List that are Located in the Western PWSMA

No.	Description	Status	Town(s)
1	AWC – Ball Pond: Investigate potential interconnections	Potential	New Fairfield
2	AWC – Ridgefield System: New supply from Saugatuck Res. – Alternate point of entry for Ridgefield System	Potential	Redding and Ridgefield
3	AWC – Ridgefield and Danbury Water Department	Potential	Ridgefield and Danbury
4	AWC – Main and AWC – Valley System: Requires crossing of Housatonic River	Potential	Shelton and Seymour
5	AWC – Main to AWC – Brookfield System: Would occur via AWC's Newtown, Chimney Heights, Berkshire systems	Planned	Newtown, Bethel, Brookfield
6	AWC – Brookfield: Consolidate satellite systems located in Brookfield	Ongoing	Brookfield
7	AWC – Ridgefield: Consolidate satellite systems located in Ridgefield	Ongoing	Ridgefield
8	AWC – New Milford: Consolidate satellite systems located in New Milford	Ongoing	New Milford
9	AWC – Birches and AWC – Possum Ridge	Planned	New Fairfield
10	AWC – Chimney Heights and AWC – Berkshire	Planned	Bethel
11	Bristol Water Department with SCCRWA	Potential	Wolcott
12	Bristol Water Department with Southington Water Dept.	Potential	Southington
13	Bristol Water Department with Torrington Water Co.	Potential	Burlington
14	Bristol Water Department: Purchase additional treated water from New Britain	Existing	Bristol
15	Bristol Water Department: Purchase raw water from MDC	Potential	Burlington
16	Bristol Water Department and MDC: Purchase treated water via. CWC - Unionville	Potential	Farmington
17	Bristol Water Department: Purchase raw water from Waterbury Water Department	Potential	Plymouth, Thomaston
18	CWC – Central System with Waterbury Water Department	Existing	Waterbury
19	CWC – Central System with SCCRWA in Cheshire	Potential	Prospect
20	CWC – Thomaston System and Waterbury Water Department: Purchase additional treated water	Existing	Thomaston
21	Heritage Village Water Company and CWC – Central: Purchase additional treated water	Existing	Middlebury
22	AWC – Birches and New Fairfield Municipal System	Planned	New Fairfield
23	AWC – Dunham Pond and New Fairfield Municipal System	Planned	New Fairfield
24	SCCRWA with AWC – Main System	Potential	Shelton and Derby
25	SCCRWA with Waterbury Water Department	Potential	Cheshire
26	SNEW and First District Water Department: Activate emergency interconnections for daily use	Existing	Norwalk
27	SCCRWA and Southington Water Department	Planned	Cheshire
28	Watertown Water & Sewer and Waterbury Water Department : Increase treated water purchases	Existing	Watertown

TABLE 5-4
Interconnections Listed in Water Supply Plans and High Quality Source List that are Located in the Western PWSMA

No.	Description	Status	Town(s)
29	Watertown Water & Sewer and Watertown Fire District: Activate emergency interconnections for daily use	Existing	Watertown
30	Wolcott Water Department and Waterbury Water Department: Increase treated water purchases	Existing	Wolcott

Although two raw water interconnections are listed in the above table (#15 and #17) for Bristol, raw water interconnections are likely not prudent in the Western PWSMA as the utilities projecting deficits are either well-connected to other systems through existing interconnections, or can be more easily interconnected to move treated water.

Specific potential interconnections to address deficits are presented in the following subsections.

5.3.1 Potential Interconnections to Meet ADD & MMADD through the 5- & 20-Year Planning Periods

As shown in Tables 3-12b and 3-12c, a few systems are projecting deficits in the 5-year and 20-year planning horizons that potentially need to secure additional supply via one or more interconnections.

AWC plans to develop several sets of interconnections to address supply deficiencies that may occur in the 5- and 20-Year planning periods:

- Southwest Fairfield County Supply Deficiencies: Additional connectivity is needed in the vicinity of the existing regional pipeline through Wilton (from the Westport portion of the Main System to the New Canaan and Noroton Systems). Even without the need for moving more water through the regional pipeline on a daily basis to meet ADD, additional connectivity will address the hydraulic deficiencies that existing during the drought of 2015-2016 and will help address MMADD deficits. The situation that occurred during the drought (temporary pipeline laid parallel to the Merritt Parkway) is not a desirable method of meeting demand during future droughts.

- Northern Fairfield County Supply Deficiencies: The New Milford and Brookfield systems have been interconnected and this has been very beneficial to the region. However, the combined New Milford-Brookfield "system" is relatively isolated from adjacent and nearby AWC systems such as Chimney Heights and Newtown. A sharing of water resources would help alleviate potential supply deficits in the four systems. Furthermore, activating the interconnection between the Newtown System and the Main System (in Monroe) would help alleviate potential supply deficits that could occur in Newtown. For these connections to occur:

  - AWC will need to install a water main under Interstate 84 perpendicular to the highway. Potential locations include northern Bethel (connecting the Chimney Heights System to the Brookfield System) or northern Newtown (connecting the Newtown System to the Brookfield System).

  - AWC will need to install a pumping station to transfer water from the Monroe portion of the Main System to the Newtown System.

Water conservation and water efficiency will be an important component for AWC in reducing its future potential deficits. Per-capita demand reductions based on Scenario I of the State Water Plan are already built into the projections described in this report. However, additional types of conservation such as reduction in outdoor water use through restricted lawn watering days are already being tested in southwest Fairfield County and AWC has observed reductions in peaking factors. This will, in turn, reduce MMADD. AWC plans to continue exploring methods of water conservation as a means of addressing deficits, in addition to using interconnections.

It is important to note that water utilities such as Bristol Water Department, South Norwalk Electric & Water, and Norwalk First Taxing District do not show deficits relative to ADD, but do show deficits for MMADD conditions if water conservation is *not* assumed. This underscores the need to monitor conditions and periodically check that passive conservation is continuing as customers replace fixtures and generally use less water. Furthermore, it suggests that additional types of conservation such as reduction in outdoor water use should be considered in other water systems, aside from AWC's more urgent need to utilize active conservation methods.

5.3.2 Potential Interconnections to Meet ADD & MMADD through the 50-Year Planning Period

As shown in Table 3-12b and Table 3-12c, a few systems are projecting deficits in the 50-year planning horizons that potentially need to secure additional supply via one or more interconnections. The same interconnections described above in Section 5.3.1 will help address deficits in the 50-year planning horizon. The primary difference is that the AWC – Main system may need additional water in this long-range planning horizon, above the amount anticipated from the Housatonic Wellfield. Should this incremental need truly develop, AWC may look outside the Western PWSMA to the SCCRWA systems in Derby and Milford, which can be accessed through interconnections that cross the Housatonic River. However, Section 5.3 notes that since this represents a very long view under inherently uncertain conditions, AWC is better served by carefully monitoring the needs of the Main system and addressing them as needed.

5.4 Potential Interconnections Recommended to Increase Resiliency in the Region

Interconnections are a potentially cost-effective way to increase supply resiliency in the region. Many small water systems as well as some large water systems utilize only a single source of supply, be it a reservoir or a wellfield. While multiple wells at a wellfield provide some manner of redundancy for certain events (e.g., pump failure), some events (e.g., contamination or drought) could result in certain systems being left without a source of supply for an extended period. To address this deficiency, this Integrated Report recommends development of certain interconnections to increase system redundancy in the region.

> Development of infrastructure to allow for two-way transfer of water between interconnected systems is an important resiliency measure that should be considered for both existing and new interconnections. A dedicated funding source may be necessary to facilitate this resiliency effort.

The state's most high-profile example of regionally interconnected water systems for resiliency (as well as daily supply for some systems) can be found in southeastern Connecticut. After the completion of the former Southeastern Connecticut WUCC process in 2001, the former Southeastern WUCC continued to meet along with a Southeastern Connecticut Council of Governments (SCCOG) Regional Water

Committee to discuss regional issues. As one of the main goals of the previous planning effort was to develop a regionally interconnected water system in the southern portion of that region, a significant effort was made to develop critical components for such a system including the Thames Basin Regional Interconnection in 2008 under the Thames River.

> Development and permitting of an Intra-Regional Water Supply Response Plan should be considered by the interconnected utilities in western Connecticut to more efficiently manage response to short-term emergencies and planned maintenance events.

Today, the regionally interconnected water system includes 11 utilities from East Lyme to Stonington and north to Norwich. An Intra-Regional Water Supply Response Plan was developed for the regionally interconnected water system and permitted by the Connecticut DEEP. This permit authorizes short-term transfers of water by parties connected to the regionally interconnected water system up to a maximum of 1.0 mgd for 7 consecutive days provided that any permits or registration limits for any of the regionally interconnected sources or interconnections are not exceeded. The permit provides flexibility to the parties involved by allowing for a faster response in an emergency, as well as allowing utilities to plan for temporary shutdowns of critical system components (such as for storage tank cleaning) without requiring a temporary authorization from DEEP. This type of "standby" interconnection may be of interest to regionally-interconnected utilities in the Western PWSMA as noted below.

5.4.1 Interconnections Recommended to Increase Source Resiliency for Large Systems

Several regionally interconnected groups of water utilities should be developed (or in some cases, formalized) in the Western PWSMA including the following possibilities; refer to Figure 5-1 for a schematic:

A. Southern Fairfield County: AWC systems in the southwest, southern, and Bridgeport parts of the region; Norwalk First Taxing District; and South Norwalk Electric & Water. The individual component interconnections are partly in place and would be:
   - AWC – Main and AWC – Southwestern Fairfield County (Greenwich, New Canaan, Noroton, and Stamford subsystems) with existing interconnections
   - AWC – Main and AWC – Ridgefield System (existing interconnection)
   - AWC – Main and Norwalk First Taxing District (existing interconnection)
   - AWC – Main and South Norwalk Electric & Water (existing interconnection)
   - AWC – Noroton System and South Norwalk Electric & Water (existing interconnection)
   - Norwalk First Taxing District and South Norwalk Electric & Water (existing interconnection, #26 in Table 5-4)

Legend

- Future Interconnections Between Regionally Interconnected Groups
- Town Boundary
- A. Southern Fairfield County
- B. Northern Fairfield County and New Milford
- C. Southern NVCOG Region
- D. Central NVCOG Region
- E. Bristol-Plymouth-Thomaston
- F. Torrington-Litchfield-Winchester

SHEET FIGURE 5-1

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DATE 29 JANUARY 2018

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REGIONALLY INTERCONNECTED LARGE WATER SYSTEMS

WUCC INTEGRATED REPORT

WESTERN WUCC,
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B. Northern Fairfield County and New Milford: AWC systems in Danbury, Bethel, Newtown, Brookfield, and New Milford; Danbury Water Department; and Bethel Water Department. The individual component interconnections are partly in place and would be:
   - Danbury Water Department and various small AWC systems (existing interconnections)
   - Danbury Water Department and Bethel Water Department (potential new interconnection)
   - Danbury Water Department and AWC – Brookfield (potential new interconnection)
   - Danbury Water Department and AWC – Chimney Heights (existing interconnection)
   - AWC – Newtown and AWC – Chimney Heights (existing interconnection)
   - AWC – New Milford and AWC – Brookfield (existing interconnection)
   - AWC – Newtown and AWC – Brookfield (potential new interconnection)
   - AWC – Chimney Heights and AWC – Brookfield (potential new interconnection)
   - AWC – Ridgefield and Danbury Water Department (potential new interconnection)

C. Southern NVCOG Region: SCCRWA and AWC in Derby, Ansonia, Seymour, and Beacon Falls. The individual component interconnections are already in place:
   - SCCRWA and AWC – East Derby (existing interconnection)
   - SCCRWA and AWC – Hawkstone (existing interconnection)
   - SCCRWA and AWC – Valley System (existing interconnection)

D. Central NVCOG Region: Waterbury Water Department; CWC – Central System; SCCRWA in Cheshire; Wolcott Water Department; Heritage Village Water Company; AWC – Woodbury; Watertown Water & Sewer; and Watertown Fire District. The individual component interconnections are partly in place and would be:
   - Waterbury Water Department and Wolcott Water Department (existing interconnection, #30 in Table 5-4)
   - Waterbury Water Department and Watertown Water & Sewer (existing interconnection, #28 in Table 5-4)
   - Waterbury Water Department and Watertown Fire District (existing interconnection)
   - Watertown Water & Sewer and Watertown Fire District (existing interconnection, #29 in Table 5-4)
   - Waterbury Water Department and CWC – Central System (existing interconnection)
   - Waterbury Water Department and CWC – Central System (potential new interconnection in Naugatuck [#18 in Table 5-4] or Prospect)
   - SCCRWA and CWC – Central System (potential new interconnection in Prospect [#19 in Table 5-4] or Prospect)
   - CWC – Central System and Heritage Village Water Company (existing interconnection, #21 in Table 5-4)
   - Heritage Village Water Company and AWC – Woodbury System (potential new interconnection along Route 6)
   - Waterbury Water Department and SCCRWA in Cheshire (potential new interconnection along Meriden Road south of Lake Hitchcock; #25 in Table 5-4)

E. Northern NVCOG Region: Bristol Water Department; CWC – Thomaston and CWC – Terryville systems. The individual component interconnections are already in place:
   - CWC – Thomaston and CWC – Terryville (existing interconnection)
   - Bristol Water Department and CWC – Terryville (existing interconnection)

F. Torrington-Litchfield-Winchester: Torrington Water Company; AWC – Litchfield; and Winsted Water Works. The individual component interconnections are partly in place and would be:
   - Torrington Water Company and AWC - Litchfield (existing interconnection)
   - Torrington Water Company and Winsted Water Works (potential new interconnection)

The infrastructure is already in place for many of the above listed component interconnections. However, in some cases, equipment is not present to enable movement in water in both directions. Such equipment would be necessary to achieve optimal resiliency. An "Intra-Regional Water Supply Response Plan" similar to the plan developed in southeastern Connecticut could be developed for each group, helping to formalize protocols and procedures for moving water, directing communications, and recovering costs.

In the long-term, these six regionally interconnected groups of systems could be interconnected with one another as follows:

- A and B: Southern Fairfield County to Northern Fairfield County and New Milford with two new interconnections – one from the AWC – Ridgefield system to Danbury (#3 in Table 5-4) and one from the AWC – Main system in Monroe to the AWC – Newtown system (#5 in Table 5-4).

- A and C: Southern Fairfield County to Southern NVCOG Region with a new connection across the Housatonic River between the AWC – Main system and SCCRWA (#24 in Table 5-4) and/or a new connection across the river between the AWC – Main system and the AWC – Valley system (#4 in Table 5-4).

- B and D: Northern Fairfield County and New Milford to Central NVCOG Region with a new connection across the Housatonic River between the AWC – Newtown system and Heritage Village Water Company.

- C and D: Southern NVCOG Region to Central NVCOG Region with a new connection in Oxford (in the vicinity of the relatively young AWC system in Oxford center) or a new connection in Beacon Falls north of the downtown area.

- D and E: Central NVCOG Region to Northern NVCOG Region with an existing interconnection in Thomaston (#20 in Table 5-4).

A connection between a Bristol-Plymouth-Thomaston group and a Torrington-Litchfield-Winchester group (E and F) is less feasible due to distances and associated costs, but could be considered further into the future with potential routes through Burlington (#13 in Table 5-4) or Litchfield.

Interconnections can be used to connect some of the regionally interconnected groups to others that are located in the Central PWSMA. For example, Bristol Water Department can interconnect with Southington Water Department (#12 in Table 5-4) and rely on existing interconnection with New Britain Water Department (#14 in Table 5-4); and SCCRWA can interconnect with Southington Water Department (#27 in Table 5-4).

In some cases, interconnections may be possible to further strengthen the resiliency of systems that rely heavily or fully on interconnections for supply. For example, the Wolcott Water Department has only one interconnection point with the City of Waterbury. A potential second interconnection point with

Waterbury is possible at the western border of the town. A connection from Wolcott Water Department to Bristol Water Department has been envisioned in their respective water supply plans, but would be a long-term goal due to the rural land located along the potential routes.

Table 2-8 of the *Final Water Supply Assessment* (December 2016) identified for some systems specific projects envisioned to increase resiliency of that specific system. Such projects include potential interconnections, installation of redundant water mains within distribution systems, and other improvements that may increase resiliency. The WUCC recommends that each system continue to identify and implement projects that may increase resiliency in individual systems even if such projects would not meet a regional need. This is especially important in the rural northwest portion of the Western PWSMA, where interconnections between large systems are not feasible due to the distances involved.

5.4.2 Interconnections Recommended to Increase Source Resiliency for Small Systems

Many of the smaller community public water systems in the region operate with a single source of supply, with no backup supply. This leaves these systems vulnerable to interrupted service due to equipment failures, contamination, and the like. Interconnections of systems that have water quality or other operational problems and those that rely on a single source of supply should be given a high priority with respect to interconnections. Additionally, those very small systems with administrative shortcomings should also be considered for interconnection or consolidation with adjacent utilities.

The analysis in Section 4.3 identifies interconnections and consolidation as one of many potential solutions for a number of small CWSs in the region. For small community systems with a high capacity, several systems are recommended to develop an interconnection for resiliency purposes. It is recommended that large systems identify small systems in the vicinity of any system expansions or interconnection projects and approach small systems about potential interconnections and consolidations as part of such projects.

Although the focus of Section 4.3 was small systems with less-than-ideal scores per the Capacity Assessment Tool, the Western PWSMA hosts several small water systems with higher capacity that should nevertheless consider interconnections for a variety of reasons. One example of this was already planned:

- The long-envisioned interconnections between the New Fairfield municipal system and the AWC – Dunham Pond system and AWC – Birches system, respectively (#23 and #24 in Table 5-4), should continue to be pursued in the short term. These interconnections were conceptually laid out in the Engineering Report associated with the Consent Order resulting from pollution in the New Fairfield town center, but funding from the State Bond Commission to the State's Potable Water Program was eliminated in 2017. Completing these interconnections will provide for increased resiliency of all three systems as well as other AWC systems that may later be connected (Oakwood Acres and Possum Ridge, #9 in Table 5-4).

6.0 JOINT USE, MANAGEMENT, OR OWNERSHIP OF SERVICES, EQUIPMENT, AND FACILITIES

Joint use or ownership of facilities, equipment, and/or services is envisioned to provide savings in capital and operational costs, result in maintenance reduction, and improve both reliability and efficiency of system operation for those systems engaged in such arrangements. Smaller systems may benefit from paying a proportionate share of such facilities, equipment, or services in lieu of carrying the sole financial burden. Larger systems may more fully utilize existing equipment and/or expertise by broadening the scope of their operations.

6.1 Existing and Planned Shared or Joint Use Facilities

Joint ownership of major infrastructure such as supply sources, storage, treatment, or water mains, is not widely practiced in the region. Instead, joint use agreements in effect in the region commonly involve a division of ownership of the resources involved. For example, the most common joint use in the region is the arrangement where one public water system sells water to a neighboring system through an interconnection, as discussed in Section 5.0. For instance, Waterbury provides 100 percent of daily supply to the Wolcott municipal system and to Watertown Water & Sewer, and lesser fractions of water to the CWC - Central System, and the CWC - Thomaston System. These systems do not directly share in the development, ownership, operation, or maintenance of the sources of supply that feed the system, but some of them do contribute financially. For example, the agreement between the City of Waterbury and the Town of Wolcott requires the Town to help pay for upgrades to the Waterbury treatment facilities. Regardless, each water utility is responsible for its own water mains, storage tanks, and pumping stations within its respective service area.

In southeastern Connecticut, Groton Utilities has indicated an interest in developing new supply sources for regional use in conjunction with other utilities. Some utilities, such as Montville WPCA, have indicated in their water supply plans that they are in favor of working with Groton Utilities in this manner. Parallel examples have not been identified in the Western PWSMA. To date, none of the water utilities in the region have indicated a cooperative approach for developing new sources, nor is it apparent that such approach is needed given the overall low need for new sources of groundwater or surface water supply for most systems. However, water utilities in the Western PWSMA should collaborate to construct new interconnections and equip existing interconnections with appropriate pumping and metering facilities.

While there are few examples of joint uses between small community systems in Connecticut, one unique example of a joint use between small community systems that occurs in the Western PWSMA is worth mentioning. The AWC – Clearview system in Wolcott receives all of its water from Countryside Apartments. However, the apartment complex does not specifically meter the connection to bill for the interconnected use. Instead, AWC and Countryside Apartments have come to an agreement where AWC pays approximately 42% of all maintenance and capital improvement costs for the shared components of the water system, and Countryside Apartments provides water to AWC as needed to meet the needs of the Clearview system. AWC sells water to its customers to cover its costs. A variety of assurances and procedures are built into the governing agreements. In this way, AWC has ensured a guaranteed and reliable supply of water, and ensured that asset management and capital improvement

planning are being conducted. This type of arrangement may be feasible between other small CWSs in the region, particularly those systems discussed in Section 4.0 where the distance between systems is such that interconnections may be feasible.

6.2 Existing and Planned Joint Use of Services

Some systems contract out operations of their entire system under a satellite operations agreement. These are described in Section 4.1 of this document. Several of the larger water providers, namely AWC and CWC, provide services to smaller systems, including leak detection, meter reading, and emergency repair services. When multiple small water systems are located proximal to each other, it may be to their benefit to band together to solicit contract operation services, particularly for common tasks such as water quality testing, asset management, and maintenance responsibilities.

In some cases, it may be beneficial for certain systems, particularly small community systems, to request the services of a larger utility to perform certain intermittent functions, and DPH encourages utilities to offer such services for a reasonable fee. In particular, the CAT results have found that many systems could use assistance in conducting asset management, something that many larger systems have experience with for their smaller satellite systems. Alternatively, small community systems may wish to look to nonprofit organizations such as RCAP Solutions or the ASRWWA for assistance with asset management, capital improvement planning, and the like.

6.3 Existing and Planned Joint Use or Ownership of Equipment

Equipment is shared among public water systems in the region largely through informal arrangements and on an as-needed basis. The most common scenario is shared generators and other equipment among neighboring systems during emergency situations. Other equipment, including compressors, piping, fittings, meters, and the like, is informally shared or borrowed on a cooperative basis and among systems with ongoing working relationships or more formally through the CT WARN program. Utilities have noted that the CT WARN program and ASRWWA, in particular, provide expertise and equipment for little or no cost to members beyond the cost of membership.

Specialized equipment and operations are most commonly contracted out. This includes water tankers, excavation equipment, portable generators, pumps, pipes, fittings, leak detection equipment, and the like. However, for some equipment, shared ownership may be viable.

Several municipalities in the Western PWSMA participate in the Intertown Capital Equipment Purchase Incentive Program through the Connecticut Office of Policy and Management (OPM). This program allows municipalities to band together to buy equipment that will be shared by all parties. For example, a few towns in the NHCOG region share public works equipment. A similar type of system could be beneficial for small CWSs, which may be able to band together to increase their purchasing power by buying in bulk (e.g., treatment chemicals). Small systems are encouraged to consider this type of joint use with nearby CWSs if their system components are compatible.

7.0 ANALYSIS AND PRIORITIZATION OF POTENTIAL FUTURE WATER SUPPLIES

This section of the Integrated Report identifies potential new sources of water supply for consideration in the Western PWSMA as identified by utilities depicting a deficit in any of the 5-year, 20-year, or 50-year planning periods. This analysis focuses on potential supply sources and infrastructure enhancements which are considered to be regionally significant. This analysis includes, but is not limited to, sources of water and interconnections on the 2017 High Quality Source List promulgated by DPH. Sources of supply being considered by utilities that generate a limited volume of water to be used solely for their own needs are *not* considered to be regionally significant.

For this report, regionally significant supplies may include the following:

- New sources with the potential to produce above 1.0 mgd proximal to systems projecting supply deficits; and
- Infrastructure improvements to enhance safe yield that are associated with sources that already serve regional needs.

In general, this document has been laid out to demonstrate the potential benefits of certain actions to meet water supply needs:

- First, Section 2.2 and Sections 3.5 through 3.7 demonstrate the potential benefits of passive water conservation, with targeted water conservation and water efficiency measures being recommended for each system still showing a significant supply deficit;
- Second, active and emergency interconnections were encouraged in Section 4.0 between small CWSs in the region;
- Third, continued use of emergency interconnections is encouraged to ensure critical redundancy. Existing and planned interconnections in the region were evaluated in Section 5.0 and found to be viable to meet many of the deficits in the region without development of new sources of groundwater or surface water supply; and
- Finally, joint ownership and management were considered in Section 6.0, which recommended consolidating resources to develop new regional supply sources if feasible.

This approach attempts to minimize potential impacts and costs of new source development. Should evaluation of the benefit of targeted water conservation and water efficiency measures demonstrate that projected deficits cannot be eliminated, or cannot be eliminated even when combined with securing water through an interconnection (or development of an interconnection proves impractical), development of new supply sources will need to be pursued.

Chapter 7.0 of the Final Water Supply Assessment (December 2016) notes under “Future Supply Sources” that “Several of the CWSs in the region have identified the need for additional water supply sources to meet current and future projected demands due to continued development within their existing service areas. Examples include Bristol and Danbury. Both of these systems rely on modest networks of surface water supplies and groundwater supplies that are located within municipal

boundaries or nearby in adjacent communities, and they do not have the ability to easily develop new sources of supply." However, upon further consideration and analysis documented in this report, Danbury and Bristol do not appear to need new sources of groundwater or surface water supply. If unforeseen conditions develop that change this conclusion, Danbury and Bristol may be able to access additional increments of water from interconnections.

For those systems projecting deficits, Table 7-1 summarizes the potential sources of new groundwater or surface water supply envisioned by each utility in its most recent WSP and summarized in Chapter 3.0 of the *Final Water Supply Assessment* (December 2016). Water utilities with service areas in other PWSMAs are included where sources may be located in the Western PWSMA.

TABLE 7-1
Potential Sources of Supply for Systems Projecting Significant Supply Deficits

Community Water System	Alternative	Potential Supply (mgd)	Regionally Significant?
AWC	Activation of inactive sources/additional wells in basin #7300	Unknown	Possible
	Activation of inactive sources in basin #6705	Unknown	Possible
	Activation of emergency sources in basin #6000	16.6 mgd	Yes
	Well replacements	Unknown	No
Town of Bethel	New groundwater sources in the East Swamp Brook aquifer (basin #6605).	Unknown, Pending	No
New Britain Water Dept.	Creation of a new reservoir in Burlington (basin #4613)	Unknown	Possible
SNEW	Construction of a reservoir in basin #7301	Unknown	Possible
	Diversion of surface water (flood skimming) from basin #7302	Unknown	Possible
	Dam modifications	Unknown	Possible

7.1 Potential Groundwater Sources to Address Supply Deficits

As noted in Table 7-1, numerous potential new groundwater supplies have been identified by water utilities. However, the assessment presented in this plan demonstrates that most of these are not required for meeting regional needs, and for many the potential supply volume is uncertain. The exception is the reactivation of AWC's Housatonic Wellfield located in the Maples section of Shelton. The wellfield will be a source of regional significance, capable of offsetting decreases of reservoir safe yield associated with implementation of the Streamflow Standards and Regulations. The wellfield consists of eight wells located along the southwest side of the river, developed in a sand and gravel aquifer.

The watershed area of the Housatonic River extends through three states (Connecticut, Massachusetts, and New York). The drainage basin area upstream of the Housatonic Wellfield is 1,570 square miles. The river is one of the most significant in Connecticut. Several notable Federal Energy Regulatory Commission (FERC)-licensed hydroelectric dams are located on the river main stem and in the watershed, causing the river flow to be highly regulated.

As noted in the *State Water Plan* (January 2018), registered diversion volumes often exceed actual or potential withdrawals. The *State Water Plan* attempted to clarify registered usage to determine actual use versus unused portions of registrations in its Basin Water Summaries and identified the following information regarding the Housatonic River regional basin:

- Out-of-stream water needs and reservoir release requirements total 3% of average annual streamflow;
- Out-of-stream and instream water needs total 67% of average annual streamflow;
- July out-of-stream water needs and reservoir release requirements total 8% of July streamflow; and
- July out-of-stream and instream water needs total 53% of July streamflow.

These figures indicate that existing water uses of the river basin are far lower than the average annual and July discharges of the Housatonic River.

A site-specific assessment is somewhat more meaningful for comparing wellfield withdrawals to instream flow. The potential yield of 16.6 mgd is equal to 25.7 cfs. This is 13% of the 99% duration discharge of 201 cfs (USGS *StreamStats*) at this location. Furthermore, the backwater effects from the Derby Dam extend upstream past the wellfield, regulating river water levels and maintaining fish habitats. This location is therefore ideal for supporting groundwater withdrawals.

7.2 Potential Surface Water Sources to Address Supply Deficits

As noted in Table 7-1, several potential new surface water supplies have been identified by water utilities. However, the assessment presented in this plan demonstrates that these potential sources are not required for meeting regional needs within the Western PWSMA.

7.3 Potential Groundwater Sources to Address New Small System Water Demands

New small CWSs are likely to be developed in the Western PWSMA within the 5-, 20-, and 50-year planning periods for the reasons cited in the *Final Water Supply Assessment* (December 2016) and Section 2.1 and 2.3 of this report, such as where new contaminants are identified, where local zoning encourages cluster-style developments, and for other reasons. New systems will be developed in areas where ESAs have been established and even potentially in areas that remained unassigned relative to ESAs. These water systems will likely be served by new groundwater supplies that are distant from existing large water systems. For this reason, the list of existing and future sources populated from individual WSPs (developed by water utilities that serve greater than 1,000 people each) is not useful as an indicator of potential sources for new small CWSs. Such systems will be developed under the CPCN process.

7.4 New Supply Development Implementation Strategy

The development of new water supply sources, both regionally and locally, will take considerable planning and analysis. The following is a summary of steps that would need to be taken for each source.

- Secure site access and investigate potential yields through preliminary geologic investigation and/or safe yield modeling.

- Analyze area land use for compatibility with water supply source development.

- Meet with local, state and federal regulators to determine problem areas and assess the feasibility of obtaining permits. Meeting with regulatory agencies early in the source development process is critical to the financial success of the project as source development testing is extremely costly.

- If a pathway forward to a permit appears possible, secure rights to necessary land through easement, development agreement, or outright purchase.

- Install and develop test wells (for groundwater sources) and/or complete streamflow analysis (for surface water sources) to verify source yields and permit limits.

- Complete analysis of potential environmental impacts. This should include analysis of instream flow rates, wetlands and wetland habitat, waste load allocation requirements, water quality, fish and wildlife habitat, and flood management issues.

- Develop a mitigation plan to offset projected impacts.

- Coordinate with host community(ies) and potentially other utilities.

- Submit applications to DEEP and USACE as required.

- Submit permit applications to local boards and commissions as necessary.

- Finalize land transfers and easements if any are outstanding. Complete detailed land use analysis and develop and implement plan for additional land acquisition in source water areas.

- Establish protective reservoir watershed area or APA mapping.

- Implement changes in land use regulations necessary to protect the source.

- Design and construct infrastructure necessary to deliver water to the distribution system, including any treatment and pumping systems, along with necessary water transmission mains and piping.

Permitting plays a critical role in the success of new source development. Meeting with regulators at the local, state and federal levels early in the development process is critical to establishing a successful implementation plan. Each potential source has distinct environmental issues associated with its development. Source developers will need to be aware of these issues before embarking on a program of costly testing and development.

At the state level, source development will require a water diversion permit, and other permits may also be required. A 401 Water Quality Certification will also be required if the project is regulated by the United States Army Corps of Engineers (USACE) or FERC. At the federal level, the USACE regulates the filling or discharge to wetlands and navigable waters. The development or expansion of surface water supplies typically requires USACE involvement.

Water quality analysis will dictate the treatment needs of each source. Surface water supplies will require construction of a treatment system that may include filtration, coagulation and flocculation,

clarification, aeration, disinfection, and/or iron and manganese removal. Treatment facilities will generate waste process waters and sludges that must be disposed of offsite.

Groundwater sources typically require less treatment than surface waters. In many cases, the soil matrix provides sufficient filtration to sustain drinking water quality. Iron and manganese are the two most common constituents found in groundwater and may require treatment. Disinfection is often required for groundwater systems as is pH adjustment before distribution.

Downstream users of surface waters and environmental groups can petition for restrictions on water supply development in addition to regulatory restrictions. This is typically performed through intervention in a diversion permit application. The recreational and aesthetic value of a waterbody or watercourse, as well as downstream water usage, must be considered with the development of new water supplies and reactivation of unpermitted inactive water supplies. Local municipal planning staff are a good resource in determining downstream uses and potential conflicts.

While targeted water conservation and water efficiency measures are recommended for each system showing a supply deficit, as noted by the A4WE such measures must be system specific. Therefore, the potential effectiveness of such measures for a particular system cannot be quantified at this time. The consequences of not developing new water supplies in a timely manner in the future include the potential for moratoriums on new connections, limits on economic development, increases in water pricing, and water rationing or allocation among users. Therefore, utilities projecting deficits should, in general, actively pursue targeted conservation and water efficiency programs while performing the necessary planning for new source development.

Finally, innovative treatment and supply augmentation techniques should be considered in the future. These could include desalination of Class SA surface water or groundwater to artificial recharge, spreading basins, or induced streambed infiltration. It should be noted, however, that development of water supplies in waterbodies that receive waste discharges is not allowed under current statutes and regulations. Conversion of Class B surface water resources to Class A could also result in a potential supply source if point source discharges were eliminated or relocated. The potential cost of such actions may vary widely. For example, the cost to treat water via desalination is typically eight to 16 times more costly than conventional water treatment.

7.5 Recommendations

Development and use of interconnections will play a large role in meeting the needs of the water utilities in the Western PWSMA as will continued reductions in per-capita water demand and targeted water conservation and water efficiency methods. However, reactivation of the Housatonic Wellfield will be necessary to maintain available supply in the AWC - Main System as reductions in safe yield are realized at individual reservoirs systems. Because the AWC - Main System will remain the hub of supply for the AWC systems of Fairfield County, the wellfield is a regionally significant need. This plan therefore recommends that AWC continue taking steps to bring the wellfield back online within the 20-year planning period (by 2030), if not sooner.

The WUCC encourages each utility considering sources of supply not deemed regionally significant herein to continue pursuing such supplies independently. Should a potentially regionally significant supply be found, utilities are encouraged to discuss potential use of such source with the WUCC.

Development, reactivation, or modification of other groundwater or surface water sources in the Western PWSMA may occur as needed on a case-by-case basis to address individual utility needs, replace aging sources, or support new water demands. However, these are not of regional significance and recommendations are not necessary at this time. The WUCC should continue to support the needs of its members and foster collaboration among adjacent water utilities if needed.

8.0 POTENTIAL IMPACT ON OTHER USES OF WATER RESOURCES

Information presented in this section evaluates the potential impact of developing regionally significant future sources identified in Section 5.0 and Section 7.0. The evaluation considers the following criteria:

- Water Quality
- Minimum Streamflow (based on the Streamflow Standards and Regulations)
- Flood Management
- Recreation
- Hydropower
- Natural Diversity Data Base (NDDB) areas of Environmental Concern
- Aquatic Habitat
- Riparian Rights
- Waste Load Allocation
- Resiliency to Climate Change

The review and information provided herein are based on published information only. Detailed review and field analysis of each future source will be required prior to source development.

The projected aquifer and stream yield has been compared to the 7Q10 flow rate for each source. It is assumed that an individual water diversion permit would not be issued for the development of a source where the yield is greater than 50% of the 7Q10 flow without significant water use restrictions or other mitigation measures. While permit criteria vary depending on the resource, 50% of the 7Q10 is used herein for planning purposes and screening-level analysis.

The only readily available information with regard to possible riparian rights in contained in the diversion permitting and registration inventories maintained by the Connecticut DEEP. Although diversion permits and registrations are not riparian rights (they allow for reasonable use of water), they may help identify users who do have riparian rights. Other riparian rights may exist as recorded in land record deeds; these have not been evaluated by the WUCC. It is noted that conflicts may exist between those entities holding diversion permits and registrations and other individuals with legitimate riparian rights.

8.1 Potential Impacts of Groundwater Supply Projects by Aquarion Water Company

The only regionally significant potential groundwater supply is reactivation of the Housatonic Wellfield, a potentially 16.6 mgd source of supply to the AWC Main System.

Water Quality and Minimum Streamflows

The USGS program *StreamStats* (version 4) was used to determine flow statistics along the Housatonic River near the wellfield. The potential yield of 16.6 mgd is equal to 25.7 cfs. This is 13% of the 99% duration discharge of 201 cfs (USGS *StreamStats*) at this location. Furthermore, the backwater effects from the Derby Dam extend upstream past the wellfield creating “Lake Housatonic” (a name not colloquially associated with this section of the river, but referenced in the 2016 Connecticut Integrated

Water Quality Report), regulating river water levels and maintaining fish habitats. This location is therefore ideal for supporting groundwater withdrawals.

Water Quality Classifications[15] have been assigned by Connecticut DEEP to all surface and groundwater areas throughout the state. The classifications are based on Water Quality Standards (adopted February 25, 2011) and identify and establish criteria necessary to support designated uses. Surface waters are generally assigned as Class AA (supporting public water supply use and other uses), Class A (supporting potential public water supply use and other uses), or Class B (supporting only other uses besides public water supply. All streams receiving point source treated wastewater discharges are classified as Class B. Groundwater areas are generally assigned as GAA (supporting existing or potential public water supply and other uses), GA (supporting existing private water supplies, potential public water supply, and other uses), GB (not suitable for drinking without treatment but suitable for other uses), or GC (not suitable for drinking as quality is altered by wastewater discharges and waste disposal areas).

The Housatonic Wellfield lies in an area where the mapped groundwater quality is considered Class GA. The Water Quality Classification Map depicts the area of assumed contribution and the final Level A APA boundary for the wellfield. Active use of the wells is not expected to reduce groundwater quality as surrounding classifications are also GA. The Housatonic River is class B. Operation of the wells will reduce groundwater discharge to the river, but this will not alter its classification given the enormous size of the watershed and the numerous factors that contribute to the Class B status of the river.

The 2016 Connecticut Integrated Water Quality Report notes that Lake Housatonic is “fully supporting” for aquatic life but “not supporting” for recreation and fish consumption. The likely cause of impairment appears to be E. Coli bacteria. The report also notes “The Housatonic River from the Derby-Shelton Dam to the Massachusetts border, which includes Lake Housatonic, Lake Zoar, and Lake Lillinonah, is listed for a DPH fish consumption advisory as a result of the bioaccumulation of polychlorinated biphenyls (PCBs).” Given the nature and sources of the impairments – bacteria and PCBs – the flow diminution associated with reactivation of the wellfield is unlikely to further impair water quality.

Flood Management

The Housatonic Wellfield is located in the Special Flood Hazard Area (SFHA) (area inundated by the 1% annual chance flood) associated with the floodplain of the river. Prevention of impacts to flood management is largely controlled through local permitting efforts, including building permits and zoning controls. The base flood elevation (BFE) ranges from 42 to 43 feet NAVD88 at the wellfield. DPH requires that wells be protected from the base flood (the 1% annual chance flood). This typically results in wellheads being elevated above the BFE with some degree of mounding around the wellhead to create a separation between floodwaters and the wellhead. In turn, local flood damage prevention regulations (City of Shelton Code or Ordinances, Chapter 5) and National Flood Insurance Program (NFIP) regulations require compensatory mitigation for the addition of fill to a SFHA. Consider the following from Section 5-12 of the City of Shelton Code or Ordinances, which govern activities in the SFHA:

- (9) Equal conveyance. Within the floodplain, except those areas which are tidally influenced on the flood insurance rate map (FIRM) for the community, encroachments resulting from filling, new construction or substantial improvements involving an increase in footprint of the structure, are

[15] http://cteco.uconn.edu/guides/resource/CT_ECO_Resource_Guide_Water_Quality_Classifications.pdf

prohibited unless the applicant provides certification by a registered professional engineer demonstrating, with supporting hydrologic and hydraulic analyses performed in accordance with standard engineering practice, that such encroachments shall not result in any (0.00 feet) increase in flood levels (base flood elevation). Work within the floodplain and the land adjacent to the floodplain, including work to provide compensatory storage shall not be constructed in such a way so as to cause an increase in flood stage or flood velocity.

- (10) Compensatory storage. The water holding capacity of the floodplain, except those areas which are tidally influenced, shall not be reduced. Any reduction caused by filling, new construction or substantial improvements involving an increase in footprint to the structure, shall be compensated for by deepening and/or widening of the floodplain. Storage shall be provided on-site, unless easements have been gained from adjacent property owners; it shall be provided within the same hydraulic reach and a volume not previously used for flood storage; it shall be hydraulically comparable and incrementally equal to the theoretical volume of floodwater at each elevation, up to and including the 100-year flood elevation, which would be displaced by the proposed project. Such compensatory volume shall have an unrestricted hydraulic connection to the same waterway or water body. Compensatory storage can be provided off-site if approved by the municipality.

Because the Housatonic Wellfield already exists, it is likely that minimal additional construction will be needed to reactivate the wells. Activities that are necessary should proceed in a manner consistent with the City of Shelton Code or Ordinances.

Recreation

The Housatonic River includes a DEEP Trout Management Area in Litchfield County, and the Governor of Connecticut has proposed to have 41 miles of the Housatonic River from the Massachusetts border to the Boardman Road bridge in New Milford, Connecticut designated as a Wild and Scenic River. The Housatonic River Wellfield in Shelton is located downstream of both of these recreational uses.

The Housatonic Wellfield already coexists with nearby and surrounding recreational lands and uses. Reactivation of the wellfield will have only minimal impacts to the Housatonic River's discharge and stage for the reasons provided above. Therefore, instream recreation such as fishing and boating are unlikely to be more than minimally impacted, although it must be noted that fishing is already limited for the reasons cited in the 2016 Connecticut Integrated Water Quality Report.

Hydropower

The Housatonic River is heavily relied upon for hydropower, with dams located upstream and downstream of the wellfield. Reactivation of the wellfield will have only minimal impacts to the Housatonic River's discharge and stage for the reasons provided above. The flow diminution of 27.9 cfs is a negligible fraction of the discharges needed to maintain the heads required for hydropower generation. Therefore, hydropower will not be more than minimally impacted.

Natural Diversity Database and Aquatic Habitat Concerns

The December 2017 NDDB shapefile was accessed to determine the potential location of wildlife which could potentially be affected by the proposed diversions. The Housatonic River is lined by an elongated NDDB area which likely represents species dependent on instream flow and river state. Reactivation of the wellfield will have only minimal impacts to the Housatonic River's discharge and stage for the reasons provided above. Therefore, threatened and endangered species will not be impacted.

Riparian Rights
The largest non-consumptive water user in the Housatonic River watershed appears to be First Light based on diversion registrations and permits. Consumptive uses are largely public water supply (and in many cases, those uses are owned by AWC). Given the 25.7 cfs withdrawal associated with the 16.6 mgd yield of the wellfield, impact to riparian rights will be minimal.

Waste Load Allocations
There are sewage treatment plants discharging to the Housatonic River and its tributaries, hence its Class B water quality designation. In theory, diminution of instream flow during low-flow periods could impact water quality by making treated wastewater a relatively higher percentage of instream flow in some areas. However, given the low percentage of the 27.9 cfs withdrawal relative to the 99% duration flow of the river, waste load allocation should not be impaired.

Climate Change and Resilience
The Housatonic Wellfield is relatively resilient to the effects of climate change and droughts because the watershed size above the wellfield is very large. The size of the drainage basin and the many contributing tributaries combined with the flow regulation associated with the First Light impoundments will tend to mitigate for flashy droughts that may occur more frequently in the future. Compared to new water supplies in small watersheds, the Housatonic Wellfield is ideally situated for drought resilience.

It is expected that climate change will contribute to increased incidence of flooding. As AWC makes the necessary changes to reactive the wellfield, the company should consider future potential flood levels that could occur, and incorporate the recommendations of the Federal Flood Risk Management Standard by elevating the wellheads higher than the BFE with an appropriate safety factor, such as to the 0.2% annual chance flood elevation.

Summary
In summary, the location of the Housatonic Wellfield is somewhat ideal for use as a public water supply relative to the low potential for adverse impacts to river discharges and stage and the climate resilience of the watershed.

8.2 Potential Impacts of Interconnection Projects for Active Daily Supply

This report recommends a number of interconnections that should be used (if present) or developed (if not present) to address deficits that may occur within the 5, 20, and 50-year planning periods. Most of the interconnections recommended by this plan will result in interbasin transfers:

- Southwest Fairfield County Supply Deficiencies: Additional connectivity is needed in the vicinity of the existing regional pipeline through Wilton (from the Westport portion of the Main System to the New Canaan and Noroton Systems). Even without the need for moving more water through the regional pipeline on a daily basis to meet ADD, additional connectivity will address the hydraulic deficiencies that existed during the drought of 2015-2016 and will help address MMADD deficits.

- Northern Fairfield County Supply Deficiencies: The New Milford and Brookfield systems have been interconnected and this has been very beneficial to the region. However, the combined New Milford-Brookfield "system" is relatively isolated from adjacent and nearby Aquarion systems such as Chimney Heights and Newtown. A sharing of water resources would help alleviate potential

supply deficits in the four systems. Furthermore, interconnection between the Newtown System and the Main System (in Monroe) would help alleviate potential supply deficits that could occur in Newtown.

Table 4-2 in the Final Water Supply Assessment (December 2016) summarized the source water area and service area for CWSs in the Western PWSMA serving more than 1,000 people. A limited section of the table is reproduced below with focus on the areas of interest relative to the two groups of interconnections described above.

Table 8-1
Generalized Summary of Donor Sub-Regional Basins for Community Water Systems that May be Interconnected to Address Potential Deficits

Community Water System	Source Area Municipalities or Interconnected Systems[1]	Service Area Municipalities	Source Sub-Regional Basins[2]	Recipient Sub-Regional Basins[3]
Aquarion Water Company – Brookfield	Brookfield, Aquarion – New Milford System*	Brookfield	6600	6000, 6018, 6600
Aquarion Water Company – Chimney Heights	Bethel, Aquarion – Newtown System*	Bethel	6606	6018, 6606
Aquarion Water Company – Main System	Easton, Fairfield, Monroe, Shelton, Trumbull, Weston, Westport	Bridgeport, Easton, Fairfield, Newtown, Monroe, Redding, Ridgefield, Shelton, Stratford, Trumbull, Weston, Westport, Wilton	6000, 6024, 6025, 6026, 7105, 7107, 7108, 7200, 7202	6000, 6020, 6022, 6024, 6025, 6026, 7000, 7101, 7102, 7103, 7104, 7105, 7106, 7107, 7108, 7109, 7200, 7202, 7203, 7300, 7301, 7302, 7401, 7402, 7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410, 7411, 7412
Aquarion Water Company – New Milford	New Milford	New Milford	6000	6000, 6018, 6400, 6500, 6502, 6600
Aquarion Water Company – Newtown	Newtown	Newtown	6020	6000, 6018, 6019, 6020
Aquarion Water Company – Southwestern Fairfield County Systems (Greenwich, New Canaan, Noroton, Stamford)	Darien, Greenwich, New Canaan, Stamford; North Castle and Pound Ridge, NY; Aquarion – Main System*, Second Norwalk Taxing District*	Darien, Greenwich, New Canaan, Norwalk, Stamford	7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410	7000, 7302, 7401, 7402, 7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410, 7411, 7412

1. As it is not possible in many cases to determine the source of water that travels through a particular interconnection when there are many sources in the donor system, only the donor system is listed here.
2. For system sources only, not for water obtained through interconnections (except where noted).
3. For system service area only, not for water sold through interconnections.

* Water obtained via interconnection.

The Southwest Fairfield County supply deficiencies will result in the movement of additional water from source basins associated with the Main System (6000, 6024, 6025, 6026, 7105, 7107, 7108, 7200, and 7202) to recipient basins associated with the Southwestern Fairfield County Systems (7000, 7302, 7401, 7402, 7403, 7404, 7405, 7406, 7407, 7408, 7409, 7410, 7411, and 7412). This movement of water is already occurring, but additional movement of water will be needed in the future.

The Northern Fairfield County supply deficiencies will result in the movement of additional water from source basins associated with the New Milford System (6000) and Main System (6000, 6024, 6025, 6026, 7105, 7107, 7108, 7200, and 7202) to recipient basins associated with the Brookfield, Chimney Heights, and Newtown Systems (6000, 6018, 6600, 6606, 6019, and 6020 [with some of the recipient basins spanning multiple systems]). A portion of this movement of water is already occurring (for example, New Milford to Brookfield), but additional movement of water will be needed in the future.

Water Quality and Minimum Streamflows

Active movement of water through interconnections can cause potential adverse impacts if water is moved from drainage basins where instream flows are already impaired through flow diminution or could become impaired through flow diminution resulting from the interconnection. For this reason, DEEP closely reviews the permit applications submitted to authorize movement of water through interconnections, and will require (through special conditions) actions that protect instream flows. These conditions can vary from direct protections (such as a requirement to release water from source reservoirs) to indirect protections such as water conservation targets and leak detection.

The Streamflow Standards and Regulations are the primary means of mitigating for potential impacts associated with increased movement of water from the AWC Main System to the Southwest Fairfield County systems and from the Main System to the Newtown System. The regulations will require the release of water from the affected Aquarion surface water supplies to downstream watercourses. These releases will mitigate the potential impacts of additional interbasin transfers from the source basins of the Main System by ensuring that flow diminution does not occur downstream of the surface water sources.

The sources of supply to the AWC systems are all Class AA or GAA, which is a situation that is appropriate for active sources of supply. Use of these sources to provide water through interconnections will not alter or affect these classifications.

The water quality classifications downstream of AWC surface water supplies vary from river to river, with all of them either Class A or B. Likewise, the conditions documented in the 2016 Connecticut Integrated Water Quality Report vary from river to river. Additional withdrawals from water supply sources can hinder efforts to maintain or improve water quality classifications and water quality if flow diminution occurs, but the releases made in accordance with the Streamflow Standards and Regulations will protect watercourses from adverse changes in classification or quality.

In the case of additional transfers of water from the AWC New Milford System to the AWC Brookfield System, the situation that will occur is a movement of water from basin 6000 (Housatonic) to basins 6000, 6018, and 6600. While this is a partial interbasin transfer, the recipient basins are within the Housatonic River basin, and the water will be returned to the river. The net impact will be minimal.

Flood Management
Use of interconnections will not, in itself, cause adverse impacts to flood management. Potential impacts would arise if sources need to be altered to accommodate movement of water through interconnections. As this is not the case, flood management impacts will be negligible.

Recreation
The protection of instream flows through implementation of the Streamflow Standards and Regulations across AWC's surface water supplies will mitigate the potential adverse impacts to recreation.

Hydropower
The protection of instream flows through implementation of the Streamflow Standards and Regulations across AWC's surface water supplies will mitigate the potential adverse impacts to downstream hydropower, should this be a concern in the future.

Natural Diversity Database and Aquatic Habitat Concerns
The protection of instream flows through implementation of the Streamflow Standards and Regulations across AWC's surface water supplies will mitigate the potential adverse impacts to threatened and endangered species and aquatic habitats.

Riparian Rights
All of the sources of water to existing or future interconnections are either registered or permitted. Other riparian rights are not apparent, but the protection of instream flows through implementation of the Streamflow Standards and Regulations across AWC's surface water supplies will mitigate potential adverse impacts to riparian rights.

Waste Load Allocations
The protection of instream flows through implementation of the Streamflow Standards and Regulations across AWC's surface water supplies will mitigate the potential adverse impacts to waste load allocations, for those rivers that receive wastes.

Climate Change and Drought Resilience
Compared to development of new individual sources, development and use of interconnections is relatively resilient to the effects of climate change and droughts for several reasons. First, interconnections rely on existing sources of supply that have, in many cases, already been utilized and "tested" through previous droughts that have occurred. Second, the legal agreements and permits associated with interconnections tend to cause a critical review of drought management responses on either end of the interconnection, often leading to uniformity in future drought management approaches. For example, the water utilities purchasing water from Waterbury have aligned their drought response protocols to be consistent with Waterbury's drought response protocols. This helps build resilience. Third, interconnections can allow a much-needed movement of water if one of the connected utilities experiences an emergency related to climate change or a flashy drought.

8.3 Potential Impacts of Interconnection Projects for Resiliency

This report recommends a vast network of interconnections that should be developed and used for region-wide resilience to unplanned and/or planned outages and interruptions in supply. Because these interconnections will be used for emergencies and infrequent outages, adverse environmental impacts will be minimal. If any of the interconnections are subsequently used for active daily supply, a system-

specific analysis will need to be conducted to evaluate the impacts and facilitate issuance of a water diversion permit.

9.0 MINIMUM DESIGN STANDARDS

9.1 Overview

The State of Connecticut has included minimum design criteria as a portion of its Final Regulations for issuing a CPCN to water systems. The state design criteria represent the minimum standard for water system design. Any utility or ESA holder who wishes to enforce other specific standards must ensure that any local standard be at least as stringent as the minimum standards required by DPH as DPH in its regulatory authority is the final arbiter of any water system design or modification.

The State Regulations include RCSA Section 16-262m-8 for CWS design. This section of the regulations begins by providing a summary of key definitions and then continues by identifying criteria associated with facility location, design population and demand, water supply requirements, source protection, well construction and water quality, atmospheric storage tanks, on-site standby power, transmission and distribution systems, materials of construction, fire protection, service pipes (service connections), and pump house requirements. Throughout this section of the document, the term "state design criteria" is intended to reflect Section 16-252m-8.

While there are advantages to having a legislatively established set of minimum design standards, WUCC members have found that the minimum standards are not strong enough in some cases. The WUCC recommends that the state minimum design criteria be reviewed at regular intervals to ensure the development of reliable water systems with proper technical, managerial, and financial capacity.

With references to other state regulations, AWWA standards, and the National Electric Code, the state design criteria become fairly comprehensive in scope and can serve as a basic minimum design framework for all water companies regardless of size. However, case-by-case exceptions to these criteria should be made if justifiable, particularly for larger utilities which often have their own minimum design criteria or are subject to more stringent requirements.

For non-community water systems, DPH regulates construction and expansion based on CGS Section 16-262m(e)(2) wherein the applicant must complete the construction or expansion in accordance with engineering standards established by said department's regulations for water supply systems. As noted previously in this document, development of recommendations specific to development of non-community water systems is recommended.

This section focuses on design standards that are currently in place by some utilities that exceed the DPH minimum standards. In general, such requirements should be provided to a developer as early as possible. It is recognized that it would not be economically feasible for many utilities (particularly smaller systems) to retrofit existing systems to comply with current standards. Therefore, it is the intent that these criteria be applied to all new, expanded, or upgraded facilities.

9.2 Local Minimum Design Standards

Many larger utilities have their own minimum design standards that parallel or in some instances are more stringent than those set forth by the state. Those utilities which possess more stringent standards (or site-specific variations of the state standards) have the right to require developers to comply with

these standards when constructing an extension to their existing system or service area. The state regulations (Section 16-262m-7) appear to support this contention by stipulating that the "specifications for materials, equipment, and testing shall be in accordance with…the specified water utility which will eventually own the system…" It is important for a utility to maintain consistency of design parameters throughout its service area as system expansion occurs and to provide the appropriate pipe sizing to be consistent with continued expansion of the system.

In some cases, smaller interconnected utilities have directly adopted the standards of the regional supplier (e.g., Berlin Water Control Commission utilizes the same local minimum design standards as MDC). The WUCC supports this approach as it may help strengthen regionally interconnected water systems and provide for consistent infrastructure construction such that emergency assistance can be more easily obtained from nearby water utilities.

Finally, many utilities require a developer to enter into a “developer agreement” or equivalent when a new system will be designed and turned over to that utility. Such an agreement may be separate from the agreements required under the CPCN regulations and typically specifies the responsibilities of each party and required design standards in advance of project design. The WUCC supports this approach as it ensures that both parties are informed and committed to working together through the CPCN process.

The following are examples of different types of local design standards that exceed the state minimum requirements:

- CWC requires new systems meet a MOS of 1.25, in other words that existing supplies can provide 25% more water than anticipated demands. This provides a mitigating buffer for future yield reductions, which sometimes occurs in groundwater wells.

- SCCRWA requires that the safe yield of bedrock wells be calculated based on a stabilized well rate while pumping for 12 hours per day (instead of the minimum standard of 18 hours per day). SCCRWA has significant concerns regarding low-yielding bedrock wells being approved for new developments where the system may not be viable over the long term.

- East Hampton WPCA requires a 120-hour pumping test of new wells (instead of the minimum requirement of 72 hours).

- East Hampton WPCA requires a peaking factor of 1.5 to be applied to the design calculation for ADD. If the resulting water use is greater than 50,000 gpd, the developer is required to obtain a water diversion permit from DEEP.

- CWC requires a minimum 8-inch diameter ductile iron pipe to be installed in new systems. This is larger than the 6-inch minimum standard. CWC allows the 6-inch minimum standard only if fire protection will not be developed.

- MDC has standards that are more stringent than the minimum state design standards for developer-funded water main extensions, MDC main extensions, and applications for new domestic, fire, and irrigation water connections.

- Norwich Public Utilities has material requirements (e.g., specific brand valves or hydrants) that it requires to be installed. East Hampton WPCA also has specific material requirements.

- SCCRWA has a document regarding Rules and Regulations for Water Service on its website, which provides specific requirements to be followed related to infrastructure.

- SCWA requires that developers and/or contractors use AWWA design standards as needed to supplement the state minimum standards.

- CWC requires that all new services be a minimum diameter of 1-inch and constructed of copper unless larger diameter pipe is necessary.

- SCCRWA has design standards specific to material types for use in service connections and meter vaults.

- AWC has design standards and preferences (e.g., redundancy, materials, equipment, wiring, level of automation, etc.) that differ from the state minimum standards.

- CWC has purchasing, design, metering, controls, and material standards.

- SCCRWA has specific standards pertaining to the safety of chambers or vaults.

- East Hampton WPCA requires a 1-year warranty period in its developer agreements following issuance of the final Certificate of Occupancy, with a secured amount equal to 10% of the construction bond.

In some cases, there may be a desire for compliance with a utility's design standards to be built into a local condition of approval. Good communication between commissions and the utility would ensure that comments regarding utility design standards are provided and understood during the local approval process.

9.3 Impact on Existing Systems

The criteria set forth in Sections 16-262m-1 to 16-262m-9 could have a significant impact on existing smaller community systems if they desire to expand. This concern is specifically related to whether an entire system would have to be brought up to the minimum design criteria if expansion occurs even if the water utility has historically provided an adequate supply of water at sufficient pressure to their customers. DPH has stated its intent to review an entire existing system for conformance to the regulations if expansions of 5 percent or more service connections are contemplated by a regulated water system, with particular emphasis during this review on whether or not the proposed expansion will compromise existing service under any potential average or peak demand conditions. The regulations do allow for a hearing process for aggrieved parties through which situations such as this could be addressed. However, it is uncertain if this process would look favorably upon the smaller systems.

9.4 Conclusions and Recommendations

The state regulations for issuing a CPCN set forth minimum design criteria under CGS Section 16-262m. These criteria have the advantage that they are set in law and are thus legislatively supported. Additional items and/or modifications to enhance these regulations have been adopted by a variety of utilities as noted above. Individual utilities have the right to impose their own site-specific standards within their existing service areas or ESAs.

> The WUCC recommends that utilities ensure any local design standards are in a written format, adopted by the utility, and provided to a developer at the beginning of the CPCN process. Ideally, any local standards would be referenced in a development agreement between the developer and the utility that would eventually own and operate the system.

The WUCC has a continuing concern regarding the impact of any accepted set of minimum design standards. It was generally agreed that such rules or standards are essential and, at a minimum, must be applied to new systems or greatly expanded systems. However, it is also important that some realistic measure be incorporated for upgrading the existing portion of systems desiring to expand. For example, a system that is adding two or three houses, although it may represent a 5 percent or greater expansion, is different than expansion encompassing 100 or more customers. There is indeed merit to having streamlined procedures for existing smaller utilities desiring a minimal degree of expansion.

10.0 RELATIONSHIP AND COMPATIBILITY WITH OTHER PLANNING DOCUMENTS

10.1 Water Supply Plans

By regulation, the CWSP is comprised of the individual water system plans of each public water system within the Western PWSMA and the areawide supplement consisting of a WSA, ESA boundaries, integrated report, and executive summary. Therefore, this plan is inextricably linked to individual WSPs.

As part of this process, discrepancies among the requirements for the analyses required for WSPs and for the CWSP have been identified. While the water supply planning regulations focus on demands for systems, the CWSP regulations request breakdowns in demand by municipality and by ESA. As most of the public water supply demands that are known are system-specific, these breakdowns are largely estimated, and system projections are used to generate the regional evaluation of need. The utility of such breakdowns should be evaluated moving forward, with potential revisions to water supply planning or CWSP regulations as appropriate to facilitate regional planning.

Given the differences in data requirements for the three related planning efforts (Water Supply Planning, Coordinated Water System Planning, and State Water Planning), the WUCC encourages a review be conducted of the data requirements to maximize the utility of future data collection and projections by WUCC members for multiple planning efforts.

Finally, Public Act 17-211 will make public versions of WSPs more widely available, specifically for local planners and planning commissions. Utilities are encouraged to continue building relationships with local planning staff, including involving such planners when WSP updates are performed. This will both inform projected system demands in WSPs, as well as help local planners evaluate system capabilities for local planning efforts.

10.2 Local Plans of Conservation and Development

As noted in the *Final Water Supply Assessment* (December 2016), local POCDs were reviewed to determine potential water supply needs. The desire for additional public water service was identified in many communities in the region either through development of new systems or extension of existing systems. For other communities, it was noted that there was either no desire to see systems expand or that existing systems were unlikely to expand. Finally, many of these plans currently do not address public water supply needs.

Utilities should coordinate with local planners during POCD updates to identify areas of development in watershed or recharge areas that are incompatible with public water supply. The COGs could assist the WUCC by advising the timing of POCD updates to WUCC members, and by providing comments related to water planning on local POCDs.

POCDs set forth a community's planning goals over the next 10 years. Each municipal POCD should address the realities of the municipality's water supply issues and needs. In those cases where there is currently not enough water to meet community growth plans, the community has two options: increase supply or reduce demand. Therefore, each municipal POCD should describe (1) how additional water supply sources are to

be developed or acquired and/or (2) how demand growth (e.g., from system expansion and/or the rate of usage by customers) is to be curtailed.

Specific to the second point, it is encouraged for local POCDs to discuss the continued need for water conservation and source protection as part of their sustainability and conservation chapters. As noted in Section 2.2, utilities would prefer for some aspects of water conservation initiatives to be driven at the local level. In addition, these plans should continue to identify areas where extension of water service is desired by the community to help inform utility planning efforts. Finally, local planning staff and commissions should reach out to utilities and ESA holders during POCD updates.

> The WUCC encourages local planners to discuss water conservation and source protection in their POCD (and for source protection, to coordinate with other watershed towns on such planning), to identify areas where public water service is desired and undesired, and to consider both small and large public water system needs.

10.3 Regional Planning Documents

> Funding assistance is recommended for Councils of Government staff to monitor and inform local land use commissions regarding source water protection, ESA boundaries, and water supply challenges. Absent funding, the COGs may have difficulty providing ongoing assistance to the WUCC.

Regional planning will continue to be an important aspect of public water supply planning, particularly through the membership of regional councils of government in each WUCC. In particular, regional planners are well-positioned to evaluate water supply needs that could support regional economic development, as well as identify areas where extension of utilities or utility avoidance is desired.

The COGCNV published its Regional POCD in 2008. Major recommendations of the plan regarding public water supply included the following:

- Protecting the quality of the region's water supply by monitoring the extent and development of impervious surfaces, acquiring property for watershed and well protection, and the use of best management practices;
- Ensuring an adequate supply of water for the region by encouraging preservation of existing and potential water supply sources (such as reservoirs) for future needs, encouraging adequate provision of water through interconnections and cooperative efforts, and assisting in the development of scientific data for water supply decision making;
- Using the extent of existing infrastructure to guide growth by encouraging land development in such areas;
- Carefully managing existing water supply systems by right-sizing pipes, reducing leakage, looping dead-end mains, and replacing inappropriate pipe materials (such as those made of lead or asbestos cement); and
- Encouraging water conservation in the region through educational efforts and cooperation with other stakeholder groups.

MetroCOG adopted its comprehensive plan for the MetroCOG region in December 2015. The targeted growth strategy includes directing future growth and development to areas with sufficient water service among other amenities, with emphasis on upgrading current services and facilities before resources are used to extend services to outlying areas. Other objectives include protecting drinking water supply

watersheds from unnecessary or premature development, particularly on critical watersheds; and encouraging sound watershed planning and management.

NHCOG adopted its Regional POCD in October 2017. Protection of water quality and natural resources is one of six main goals of the plan. Related policies include addressing issues caused by invasive species, cyanobacteria, and clear cutting of lakefronts and riverbanks; and protecting intact forest systems and drinking water resource areas from inappropriate development.

WestCOG was formed in 2014 from the consolidation of the former Housatonic Valley Council of Elected Officials (HVCEO) and the Southwestern Regional Planning Agency (SWRPA). The former Regional POCD for the HVCEO region was not available for review at the time of assessment. The former SWRPA Regional Plan of Conservation and Development (2006-2015) was available for the southwestern part of the region. The recommendations of that plan included increasing residential density in those areas with public water infrastructure already in place; conducting an assessment of the region's water supply in coordination with the utilities; and ensuring compliance with Connecticut's APA program.

Economic development opportunities will continue to be vital to the region regardless of water supply challenges. However, as identified throughout this document, public water supply is not always located in the areas of need. As projected public water supply demands continue to be realized, it will become more of a challenge to supply water to the people and businesses in areas presently unplanned for economic development but where economic development may be desired in the future. The regional planning goals espoused by the various councils of governments for public water supply (and protection of water supply) are in line with meeting potential future water supply needs in the region.

> In order to better facilitate regional planning, DPH is encouraged to share Geographic Information System data with Councils of Government that are appropriate to regional planning, such as ESA boundaries and public water system locations. To this end, more detailed mapping of non-community water systems will be essential to conduct proper regional and local planning.

The information in this CWSP is consistent with existing regional planning documents to the extent possible. It is anticipated that this CWSP will be useful as a resource for regional planners into the future.

10.4 Conservation and Development Polices Plan for Connecticut

The Conservation & Development Policies: The Plan for Connecticut 2013-2018 was adopted in June 2013. The planning effort described in this report is believed consistent with five of the six growth management principles (GMPs) in that plan:

- GMP #1: Redevelop and Revitalize Regional Centers and Areas with Existing or Currently Planned Physical Infrastructure –The desire to rehabilitate infrastructure to reduce unaccounted for water in areas with current public water service is consistent with this GMP.

- GMP #2: Expand Housing Opportunities and Design Choices to Accommodate a Variety of Household Types and Needs – This plan identifies the potential need for public water service to serve certain types of developments, particularly cluster-style developments with limited areas for wells and septic systems.

- GMP #4: Conserve and Restore the Natural Environment, Cultural and Historic Resources, and Traditional Rural Lands – This GMP is consistent with the needs for source protection and the desire to avoid development of water mains in areas where public water supply is not needed where possible.

- GMP #5: Protect and Ensure the Integrity of Environmental Assets Critical to Public Health and Safety – This GMP is consistent with the needs for source protection and resiliency of public water system assets outlined in this plan.

- GMP #6: Promote Integrated Planning across all Levels of Government to Address Issues on a Statewide, Regional, and Local Basis – This plan considers planning issues on all levels to generate an overall cohesive planning effort.

10.5 State Water Plan

The *State Water Plan* was approved by the Water Planning Council for distribution to the legislature in January 2018. The five most important points of the plan relative to the CWSP include use of the plan as a platform for decision making, maintenance of highest quality drinking water, balance (of ecological and consumer needs), conservation, and maintenance of scientific data. Implementation of the plan is expected to work towards elimination of obsolete and obsolete portions of diversion registrations, identifying funding sources for water-related projects, and identifying legislative priorities.

Similar to the *State Water Plan*, the CWSP is expected to be a platform for future decision making although its scope is limited to public water supply whereas the *State Water Plan* considers all uses of water. Many of the themes in the *State Water Plan* are applicable to utilities, such as identifying users of treated water who may be able to reduce reliance on treated water by using Class B water (which could be part of a targeted water conservation and water efficiency program), and the desire for source protection and resiliency.

From a data perspective, DEEP is presently developing forms to standardize reporting of water use by registered and permitted diverters. One of the challenges identified in this planning process has been identifying accurate data for smaller CWSs and non-community systems. As noted in Section 3.0, much of the demand data for such systems are estimated, and where available water is known for such systems it is based on initial well yield data and not necessarily safe yield. In addition, small systems are largely not required to report usage on a regular basis. Overcoming this data gap will continue to be a challenge for future planning efforts, and DPH is already attempting to address this as discussed in Section 4.2.

> As data reporting becomes more standardized, it may become possible to require smaller utilities to also report usage data on a regular basis, overcoming a data gap that presently exists for the majority of public water systems.

The *State Water Plan* continues an emerging trend in state planning where water usage by drainage basin is evaluated. Similar to the discussion in Section 10.1, this presents a challenge for regional planning as existing water supply planning regulations request system-specific information, and the CWSP regulations request data summarization by municipality and ESA, but neither requests evaluation by basin. The reporting of water information by sub-regional drainage basin in the future would be ideal

to inform future planning efforts at the statewide level but will be a challenge for large utilities without the capability to digitize their system components and evaluate demand at that scale.

11.0 FINANCIAL CONSIDERATIONS

11.1 Planning Cost Estimates for Implementation of Surface Water Supply Development

New surface water supplies must go through planning, investigation, permitting, and construction phases. Preliminary planning for future supply source development has been initiated by numerous public water systems in the region as presented in the Individual WSPs and as briefly discussed in the *Final Water Supply Assessment* (December 2016). Preliminary region-wide planning with respect to future surface water supply source development is presented in Section 7.0 of this document.

The following discussion outlines the major aspects of implementation of surface water supply development and provides typical anticipated cost ranges. It should be noted that these cost ranges are provided for planning purposes only and specific project costs are dependent upon many site-specific factors, including the proximity of the source to the end user, cost of land acquisition, extent of potential environmental impacts and the associated analysis required to evaluate and mitigate such impacts, permitting costs and legal fees, the volume of water to be withdrawn, water quality (i.e., required treatment), and site development issues.

For purposes of this document, the following discussion assumes that new surface supply sources are either run-of-river type of withdrawals, existing impoundments, or involve the creation of very low head dams. The costs of land rights and construction of new water supply reservoirs are not considered.

Source Investigation/Preliminary Design – Hydrologic and hydraulic investigation, as well as long-term water quality monitoring, must be conducted prior to development of any new surface supply source. A safe yield analysis will be necessary, typically with the use of a mass balance computer program such as the USACE Hydrologic Engineering Center *Reservoir System Simulation* program or similar software. Source investigation, including conceptual design of facilities, can range from $50,000 to well over $250,000.

Regulatory Permitting and Environmental Analysis – Regulatory permits and approvals are typically required at the local, state, and federal levels through local planning and zoning commissions and local inland wetlands commissions; the state DEEP, DPH, and potentially PURA; and the federal USACE. Environmental analysis is typically required for new source development with respect to wetlands, aquatic habitat, in-stream water flow, wildlife, vegetation, and the like. Competing uses must also be addressed, including the potential impacts on existing diversions, active and passive recreation, aesthetics, downstream waste assimilation, archaeological resources, and other downstream uses. Regulatory permitting and environmental analysis can be extensive, depending on the exact nature of the supply source. Costs can range from under $50,000 to over $1,000,000.

If state money is used for source development, evaluation under the Connecticut Environmental Policy Act (CEPA) would be required. Evaluation under the CEPA typically requires similar but in some cases more extensive information than that required for a DEEP diversion permit application. In some cases the CEPA process is used as an opportunity to develop a publically-reviewed alternatives analysis to determine the best action to meet the project purpose and need. Similar to the above, costs for a CEPA evaluation are highly variable and can range from under $50,000 to over $250,000.

Engineering Design – Engineering design of intake structures, transmission piping, treatment systems, and distribution piping is necessary prior to construction of a new supply source. While this cost can be quite variable, and is particularly dependent upon the need for conventional treatment design, costs in the several hundred thousand dollar to greater than $1,000,000 range are normal. This does not include the design of necessary transmission and distribution piping, or pumping stations.

Construction Costs – Construction of water intake and transmission piping and conventional treatment facilities for a surface water supply is highly variable. New conventional treatment facilities, while dependent upon capacity, are often in the several million dollar range. Less expensive, smaller package systems can be constructed for the treatment of low volumes of water.

Ongoing Maintenance Costs – Annual operating and maintenance costs for a surface water supply source may include land leasing (if the property was not purchased), property taxes, electric supply, emergency (backup) power supply, water treatment equipment and chemicals, pipe and pump repairs and replacement, and regulatory compliance such as water testing. In addition, additional labor and benefits costs may be incurred if additional staffing is needed to manage and operate the new surface water supply source or treatment plant. Of course, many of these costs will already be familiar to larger utilities, and the incremental costs associated with a new supply source may not be significant after several years.

11.2 Planning Cost Estimates for Implementation of Groundwater Supply Development

Similar to surface water supply development, new groundwater supplies must go through planning, investigation, permitting, and construction phases. The following discussion outlines the major financial aspects of implementation of groundwater supply development. It should be noted that these numbers are typical ranges and that actual costs will vary significantly depending upon the specific site and supply issues.

Development of a new groundwater supply source, often known as a wellfield, is an extensive process. To first site a potential wellfield, available land must be located in a relatively undeveloped area, keeping in mind that property within 200 feet of each well (the sanitary radius for wells pumping at rates greater than 50 gallons per minute) must be in the direct control of the utility, and that APA regulations require evaluation of the area of contribution and recharge for wells completed into stratified sand and gravel. Land purchase costs alone may be prohibitive in some cases. The wellfield must also be within an acceptable distance of the service area such that connection of the wellfield to existing service mains is feasible. Thus, these two goals are often at odds (i.e., the wellfield cannot be within the most densely developed area even though the water main costs would be lowest for such a case).

Source Investigation/Test Borings and Pump Testing – Source investigation includes review of geological information based on published data (bedrock and surface geological maps, soil survey maps, and well records) and evaluation of hydrogeologic conditions, including watershed size and recharge capability. Site inspections are also conducted in this phase to visually assess the area. Widely-spaced test borings are then drilled to confirm subsurface conditions, and if conditions are favorable (i.e., suitable soil gradation, thickness of stratum, depth to water, etc.) small-diameter well screens and standpipes are installed and the wells are pump tested. Water levels in the pumping well and surrounding observation wells are monitored throughout the test to evaluate aquifer response. Water quality samples are also typically collected and analyzed in the preliminary investigation phase.

Following initial investigations, large-diameter wells and smaller-diameter monitoring wells are typically installed, and long-term yield testing is conducted in accordance with DEEP and DPH requirements to evaluate safe yield and for Level A APA modeling. Initial source investigation is generally in the range of $100,000 to $250,000.

Regulatory Permitting and Environmental Analysis – Similar to surface water supplies, groundwater supply development typically requires regulatory permits and approvals at the local, state, and federal levels. Municipal planning & zoning and inland wetlands permits and approvals must be obtained in most cases. If there are any direct wetland impacts (due to filling or construction) or indirect wetland impacts (due to groundwater drawdown), USACE permitting will likely be necessary, as well as a 401 Water Quality Certification from DEEP.

If the wellhead(s) must be raised above the 1% annual chance flood elevation (or 0.2% annual chance flood elevation if state money is used) of the nearest surface water body, filling will be necessary. As a result, a hydraulic analysis of the floodplain must be completed to evaluate the need for FEMA map adjustment or to design mitigation that will compensate for the filling. In some cases, the required filling will tie this process back to the wetland permitting.

A DEEP water diversion permit must be obtained if the wellfield joins a system with daily withdrawals exceeding 50,000 gpd even if the wellfield itself does not draw more than 50,000 gpd. In most cases, the water diversion permit application is the most extensively "supported" document of all the regulatory applications. For example, the wetland and hydraulic analyses described above are required, along with a report that discusses the results of an aquifer pump test. If the wellfield is completed in stratified drift, and the source will serve more than 1,000 people, the numerical modeling completed in accordance with the Aquifer Protection Area Level A Mapping regulations is used to predict the response of the aquifer and watercourses under different pumping scenarios. Other potential environmental and cultural resource impacts require evaluation prior to obtaining the necessary regulatory permits for groundwater withdrawal, often including instream flow modeling.

Similar to the above discussion, if state money is used for source development, evaluation under the CEPA would be required. Regulatory permitting and associated environmental investigations can range from $50,000 to upwards of $1,000,000.

Engineering Design – Engineering design of production wells, transmission piping, treatment systems, and distribution piping is necessary prior to construction of a new groundwater supply source. Engineering will be necessary to design water main sizes and layouts, pump sizes and settings, treatment facility layout, and storage. Capital expenses include water mains, pipes, pumps, treatment facilities (at a minimum, pH control will be needed), fill material, access roads, fencing, a central pump house (or houses), and usually a clearwell or storage facility. Depending on the distance between the wellfield and the service area and the difference in elevation, a booster pumping station may be necessary. While engineering design can be quite variable, costs in the several hundred thousand dollar to greater than $1,000,000 range and higher are typical.

Construction Costs – Construction of water intake, transmission and distribution piping, and treatment facilities for a groundwater supply would be expected to be in the range of several hundred thousand dollars to over a million dollars, depending upon the specific project needs.

Ongoing Maintenance Costs – Similar to surface water supplies, annual costs for a wellfield may include land leasing (if the property was not purchased), property taxes, electric supply, emergency (backup) power supply, water treatment equipment and chemicals, pipe and pump repairs and replacement, and regulatory compliance such as water testing, as well as labor and benefits expenses.

11.3 Planning Cost Estimates for Implementation of Interconnections

Similar to surface water supply development, new interconnections must go through planning, investigation, permitting, and construction phases. The following discussion outlines the major financial aspects of implementation of interconnection development. It should be noted that these numbers are typical ranges and that actual costs will vary significantly, depending upon the specific site and supply issues.

Routing Evaluation – Development of a new interconnection requires evaluation of potential routing and evaluation of the system characteristics at each connection point. If pumping stations or pressure reducing valves are necessary to support the interconnection, project costs may increase significantly, particularly if land must be acquired to support such infrastructure. Conceptual design plans must be developed and site-specific investigation of the pipeline route must be performed to evaluate potential impediments (shallow depth to rock, utility crossings, stream crossings, bridges, etc.) that will drive design parameters. Initial investigations and conceptual design typically range from $30,000 to $100,000 or more depending on the length of the routing and the number of alternatives.

Regulatory Permitting and Environmental Analysis – Interconnections also require regulatory permits and approvals at the state level, as well as planning and zoning approval at the local level if a structure is constructed for the interconnection, although permitting is not typically required at the federal level. Such a structure may be required to support a pump, pressure-reducing valve, generator, or other required instrumentation. DEEP requires, at a minimum, application for a water diversion General Permit for interconnections of less than 1.0 mgd. DPH will also require a General Application to evaluate the engineering design. If the interconnection will be between two utilities for sale of water, DPH requires a Sale of Excess Water Permit.

Similar to the above discussion, if state money is used for source development, evaluation under the CEPA would be required. Regulatory permitting and associated environmental investigations can range from $50,000 to upwards of $500,000.

Engineering Design – Engineering design of interconnection piping, pumping stations, pressure-reducing valves, and any connections to the main along the interconnection route is necessary prior to construction of an interconnection. For interconnections spanning a long distance, additional treatment to maintain the chlorine residual may be required. Engineering will be necessary to design water main sizes and layouts, pump sizes and settings, treatment facility layout, and any storage facilities that may be necessary to facilitate the interconnection, and related capital expenses will be required. While engineering design can be quite variable, costs in the several hundred thousand dollar range and higher are typical.

Construction Costs – Construction of transmission and distribution piping, pumping stations, pressure-reducing valves, meters, and other possible facilities for a groundwater supply would be expected to be in the range of several hundred thousand dollars to over a million dollars, depending upon the specific project needs.

Ongoing Maintenance Costs – Annual costs for an interconnection may include land leasing (if certain project elements require it) or property taxes, electric supply, emergency (backup) power supply, water treatment equipment and chemicals, pipe and pump repairs and replacement, and regulatory compliance such as water testing.

11.4 Financing Issues

Financing issues are multifaceted and include rate structures for customers, capitalization of improvements, and bonding. There is a broad cross section of financial structures in the region, including those that are essentially an adjunct of a residential or multifamily housing complex, privately or investor-owned companies, municipal public water systems, and regional not-for-profit water utilities. Each operates in a unique manner.

Some water systems are experiencing a trend of decreasing ADD. With continued conservation, the decline of industry, and the housing market decline of the Great Recession, water systems have been challenged by declining revenue. Because of the high fixed-cost requirements of public water systems, this has, in some cases, negatively impacted levels of service and made paying for infrastructure more challenging. Examples can be found throughout the region. For an example of a solution, East Hampton WPCA has elected to shift a greater portion of its revenue requirement to the basic service charge to cover fixed costs. Other creative solutions, such as the infrastructure replacement and revenue adjustment mechanisms authorized under Public Acts 07-139 and 13-78, respectively, continue to be needed to recapture lost revenue and/or pay for maintenance and improvements. Therefore, a general discussion of the financial operation of water systems in the region is warranted.

11.4.1 Financial Operation of Public Water Systems

Municipal public water systems may operate under a general municipal budget, with no direct connection of the user fees and water department budgets. Alternately, they may operate as an enterprise system of accounting, using operating revenues to fund operating and maintenance expenses as well as capital improvements. The latter system is generally preferred by AW4E to prevent user fees from being allocated back to the general fund in lieu of being used to meet capital improvements.

Major capital improvement projects in municipal systems are generally financed through revenues from water charges and general obligation bonds, with bonding expenses funded through the water department's revenues (i.e., user fees). Ideally, these systems review and analyze their water use rates such that operating and capital needs can be adequately met. However, for many municipal systems it can be difficult to predict capital improvement funding as bonding inherently has legitimate competing needs such as fire department upgrades, education improvements, and public works projects, and difficult decisions must be made between supply-side and distribution-side improvements. Furthermore, in combined water and sewer departments the limited funding must be allocated for both water and sewer infrastructure. Both of these issues require dedicated asset management and financial planning to address.

> For some municipal systems, asset management planning is considered challenging because the availability of capital improvement funding is variable. Development of formal infrastructure replacement programs in coordination with DPH is recommended for such systems.

For small municipal systems, collections can occasionally be an issue, such as for rental properties. In some cases, it costs more money to transfer the debt to a collections agency or attempt to enforce the debt than would be obtained through collection, and the utility is forced to suffer the lost revenue.

Investor-owned public water systems are regulated by PURA, including regulation of the user rates that may be charged. Any increase in user fees must be justified and approved by the PURA through a rate case process. Rate structures for investor-owned systems must provide a return on investment. Capital improvement projects are typically funded through a capital improvement budget built from user fees, through developer agreements, or from loans.

Small residential systems, such as condominium associations, may utilize a general association fee to cover miscellaneous water service expenses, with no long-term capital improvement financial account. This type of management structure has been identified as a financial capacity issue by DPH. The Townsley Study (2014) identified a variety of systems unable to meet present maintenance and/or future capital improvement needs as discussed in Section 4.2. Other small private water systems, particularly non-community systems, do not charge for water but rather consider it as a business cost. Capital improvement planning is varied for non-community systems between entirely reactive and extremely proactive (such as for schools). DPH is available to provide tools and guidance to small systems regarding full-cost pricing, sustainability, and cost appreciation.

11.4.2 Funding of Public Water System Operations and Maintenance

Normal operation and maintenance costs of the public water systems in the region will continue to be supported by the individual systems. Those public water systems (municipal, private, and investor-owned) serving greater than 1,000 people are required to prepare individual WSPs. One of the components of the WSPs is the identification of system improvements and maintenance activities. Generally, the WSPs include improvement schedules along with estimated costs and funding sources. However, DPH has identified that asset management and capital improvement planning in smaller systems are often lacking. Resources for addressing this issue are presented in Section 11.5.

Many municipal water systems have been using annual rate increases as a method to publicize the cost of water and to limit the financial impact of the increase on customers. This method has been reported to be generally accepted by customers, many of whom are used to providing an annual cursory review – at a minimum – of municipal expenses when local budgets are developed. As noted above, large private water utilities must have their rates approved by PURA.

As noted in Section 2.2, water rates can be used to encourage water conservation. In general, the use of declining water rates (where the cost of individual units of water decreases with additional use) is discouraged in favor of uniform or – ideally – inclining block rates. The use of seasonal or water conservation surcharges may also be used to encourage conservation although such surcharges are most effective with annual advance reminders combined with monthly billing practices. As conservation measures can reduce demands and therefore revenues, solutions have been sought to stabilize revenue declines without fully relying on annual rate increases. As noted previously, East Hampton WPCA recently altered its rate structure to minimize its reliance on commodity revenues. While arguably discouraging conservation, the rate structure has the benefit of providing greater revenue stability.

A method allowing for revenue recovery for municipal water systems is needed to address discrepancies between actual annual revenues and expected annual revenue. Municipal water systems are further encouraged to utilize programs similar to WICA to surcharge customer bills for water conservation projects.

Public Act 13-78 authorized PURA to authorize rates for each water company (as defined in CGS Section 16-1) in consideration of supply-side and demand-side water conservation. In addition, a revenue adjustment mechanism was authorized to reconcile the difference in rates between actual annual revenues of a water utility versus allowed annual revenues. Refunds are typically offered to customers on each bill the following year, or surcharges are added to each bill to cover shortfalls. This action has helped many utilities such as AWC and CWC balance fluctuations in annual revenue. Furthermore, CGS Section 16-262v also authorizes a Water Infrastructure and Conservation Adjustment (WICA) be added to customer bills to recover costs of eligible projects such as infrastructure improvements to reduce unaccounted-for water. Water companies not presently using the above methods are encouraged to investigate and implement these programs.

In addition, Public Act 13-78 authorized water companies to include reasonable and necessary system improvements required for a water system acquisition approved by PURA to be included in its rate case. However, water companies continue to be concerned about the takeover process given the need to often make costly unforeseen improvements to unviable systems following an acquisition. Development of a risk-based approach is recommended to better evaluate the condition of systems and apply projected costs into the takeover and ratemaking proceedings. The WUCC meetings will continue to be a place where this issue may be discussed.

According to DPH, the State of Rhode Island authorizes utilities to assess a surcharge which is placed into a statewide land-acquisition fund for source protection. Utilities who contribute to the fund are authorized to apply for funding. WUCC member opinions are presently mixed on whether such a program would work in Connecticut. Utilities with surface water sources that have large watersheds view this type of proposal favorably as they have limited funding for land acquisition in comparison to the total acreage of the watershed. Other utilities were of the opinion that any additional surcharge on customer bills would be viewed unfavorably. If such a surcharge becomes desired, one suggestion put forth by utilities was to dedicate money collected by that surcharge to the billing utility for purchase of watershed lands by that utility, with oversight of the account by regulators.

11.5 Potential Funding Sources for Capital Improvement Projects

Development of many of the future supply sources will also likely be supported by the entity that is in need of such supply. These may include some of the potential future supply sources presented in Section 7.0 of this document. Interconnections among public water systems for ongoing supply and/or emergency situations are encouraged by the DPH. These types of interconnections would also likely be funded by the individual public water systems involved and have the potential for significant expenditures.

The WUCC does not have an available budget with which to implement the recommendations included in this document or other regional studies and analyses. Several possibilities exist with respect to funding of regional water supply projects in the Western PWSMA such as regional council of government and/or state funding as described below.

Upon completion of the CWSP by the former Southeastern WUCC, that body made a formal request to the SCCOG to pursue funding for additional study of regional water supply development and continued work towards resolution of the potential water supply shortfall in the southeast region. That process helped develop the regionally interconnected water system in use in today although capital costs and feasibility analyses were largely paid for by the parties needing the water. This required a collaborative effort and the necessary legal agreements with respect to the apportionment of capital expenditures and long-term operation and maintenance costs, ownership, and division of responsibilities throughout the life of the project. The former Southeastern WUCC demonstrated that this type of planning effort can be successful. The Western WUCC is encouraged to utilize a similar process to facilitate additional projects to meet regional needs.

DPH is encouraged to conduct regular training seminars on financial management to improve financial capacity, and specifically on the types of funding available for both large and small systems.

A variety of funding sources are possible to meet site investigation and capital improvement needs. In addition to rate adjustments and general funding sources discussed in Section 11.4, several existing programs provide grants and loans for water system projects as discussed below.

In general, outside funding sources are considered to be generally limited for water system improvements, with municipalities having more options for funding sources than private utilities. Many utilities have identified the need for a reliable source of funding for infrastructure replacement for both large and small systems. The majority of existing funding programs are loans, or highly competitive grants that may be tied to specific areas. A reliable source of such funding could address existing capital improvement needs as well as planning for future supply sources.

Development of a grant funding source for upgrading small public water systems, interconnecting or consolidating small systems with larger utilities, consolidating small systems, and for development of regional water supply solutions is recommended.

11.5.1 – Drinking Water State Revolving Fund

Many projects of regional significance, as well as water system projects benefiting single utilities, could potentially receive funding through the DPH DWSRF, which provides low-interest funding for certain water supply projects. In particular, this program may be used to provide low-interest loans to fund regionalization and interconnections.

The DWSRF is based on a ranking system developed for each public water system. Small systems are prioritized for DWSRF loans, and at least 15% of the funding must be assigned to small systems annually. In addition, federal subsidies exist for loan principal forgiveness provided certain conditions are met. DPH reports that approximately 60 to 70 systems have benefited from DWSRF funding since 2000.

There has been difficulty in getting smaller systems to apply for the loans as in many cases a consultant is required to prepare the plans and bid packages necessary for the project loan, as well as complete the DPH documentation requirements. Thus, application requires additional upfront costs which can make applying for the nonguaranteed loan to not be financially viable. In general, the smaller systems that have been successful at obtaining loans from DWSRF tend to be taxing districts and other larger small systems with several hundred customers. These systems have sufficient financial resources and fiscal

planning experience to prepare grant applications and do the necessary planning to access DWSRF loans.

One of the loan requirements is that an asset management plan be in place for the system, which is something that small water systems often lack. As such, part of the loan may be used to develop an asset management plan as part of the project. On occasion, DPH is able to streamline the process, such as when generator loans were streamlined following Tropical Storm Irene, Winter Storm Alfred, and Superstorm Sandy.

In general, the WUCC believes that improvements are warranted to allow smaller community systems more flexibility to access DWSRF loans. Many utilities feel that the application process, including the forms and required documentation, needs to be reconsidered as the current process does not appear to be meeting the needs of water utilities and particularly small water systems. In addition, it has been noted that DWSRF is not always the solution for small systems because there is a long lead time whereas banks are more responsive. Small systems cannot rely on DWSRF for emergency repairs, for instance, which for small systems without asset management plans is when replacements occur.

11.5.2 – Small Town Economic Assistance Program

The Small Town Economic Assistance Program (STEAP) (CGS Section 4-66g) funds economic development, community conservation, and quality-of-life capital projects for localities that are ineligible to receive Urban Action (CGS Section 4-66c) bonds. This program is administered by the Connecticut Office of Policy and Management (OPM), with funding issued by the State Bond Commission and the grants administered by various state agencies. Projects eligible for STEAP funding include the following:

- Economic development projects such as (a) constructing or rehabilitating commercial, industrial, or mixed-use structures and (b) constructing, reconstructing, or repairing roads, access ways, and other site improvements;
- Recreation and solid waste disposal projects;
- Social service-related projects, including day care centers, elderly centers, domestic violence and emergency homeless shelters, multipurpose human resource centers, and food distribution facilities;
- Housing projects;
- Pilot historic preservation and redevelopment programs that leverage private funds; and
- Other kinds of development projects involving economic and community development, transportation, environmental protection, public safety, children and families, and social service programs.

The range of projects eligible for STEAP funding is very broad and can include the costs of land, engineering, architectural planning, and contract services needed to complete the project. As such, the use of funds is also relatively flexible. STEAP funding could potentially be used to develop new public water systems, extend water mains, or perform source improvements as part of a development project.

11.5.3 – United States Department of Agriculture Rural Development Water & Environmental Programs

The USDA[16] through its Rural Development program provides technical assistance and financing necessary to develop drinking water systems in rural areas. Funding is available for the construction of water facilities in rural communities with populations of 10,000 people or less, and USDA also provides funding to organizations that provide technical assistance and training to rural communities in relation to their water activities. Examples of the USDA programs are provided below:

- Circuit Rider Program – Provides technical assistance to rural water systems that are experiencing day-to-day operational, financial, or managerial issues; and can provide energy audits.

- Emergency Community Water Assistance Grants – Helps eligible communities (local governments, nonprofit organizations, and federally recognized tribes) prepare, or recover from, an emergency that threatens the availability of safe, reliable drinking water. A federal disaster declaration is not required. Eligible areas include rural areas and towns with populations of 10,000 or less, and Tribal lands in rural areas, where the median household income is less than the state's median household income for nonmetropolitan areas. Up to $150,000 may be granted to construct water line extensions, repair breaks or leaks in existing water distribution lines, and address related maintenance necessary to replenish water supply. In addition, up to $500,000 may be granted to construct a water source, intake, or treatment facility. Partnerships for matching funds with other federal, state, local, private, and nonprofit entities are encouraged.

- Special Evaluation Assistance for Rural Communities and Households – This program helps very small, financially distressed rural communities (including local governments, nonprofits, and federally recognized tribes) with predevelopment feasibility studies, design, and technical assistance on proposed water and waste disposal projects. Eligible areas include rural areas with a population of 2,500 or less and a median household income below the poverty line, or less than 80% of the statewide nonmetropolitan median household income based on latest census data. The grants may pay to evaluate projects to construct, enlarge, extend, or improve rural water facilities and to make public or private improvements for the successful operation or protection of such facilities.

11.5.4 – United States Economic Development Administration

The United States Economic Development Administration (USEDA) provides grants for water infrastructure projects. For example, the proposed water main extension in Franklin is being jointly funded by USEDA and EPA. The grant programs supports development in economically distressed areas of the United States by fostering job creation and attracting private investment through making construction, non-construction, and revolving loan fund investments. The USEDA also assists eligible recipients in developing economic development plans and studies designed to build capacity and guide the economic prosperity and resiliency of an area or region through investments to guide the eventual creation and retention of high-quality jobs.

[16] https://www.rd.usda.gov/programs-services/all-programs/water-environmental-programs

11.5.5 – FEMA Hazard Mitigation Assistance Program

The FEMA Hazard Mitigation Assistance Program provides 75% of project costs for eligible projects that reduce the impact of natural hazards such as flooding. Eligible projects could include relocation of critical water mains potentially susceptible to flooding, elevation of treatment buildings, or utility hardening. Local governments with an approved and current Hazard Mitigation Plan may apply to the State of Connecticut as a sub-applicant to receive funding. Projects must demonstrate cost effectiveness (demonstrate greater quantitative benefits than costs) to be eligible for funding. Funding for certain programs is authorized by Congress on a nationally competitive basis each year, and additional funding is allocated to affected states following a federal disaster declaration.

11.5.6 – Other Agencies

The ASRWWA is a private nonprofit organization that represents water and wastewater systems across Connecticut and Rhode Island providing training, technical assistance, and advocacy to small and rural water systems. ASRWWA provides on-site technical assistance for leak detection, process control, compliance, and source water and groundwater protection and can also assist with securing grants for improvements.

RCAP Solutions (www.rcapsolutions.org) is a nonprofit organization that offers many diverse and supportive programs and services, such as asset management, community surveys (such as infrastructure needs assessments, income surveys, and sanitary surveys), community and regional planning for water infrastructure and facilities development, compliance oversight, project oversight, and systems management to improve efficiency. RCAP Solutions also provides loans in underserved markets that are not typically eligible for loans through traditional resources.

12.0 RECOMMENDATIONS AND PRIORITIZATION

The recommendations identified through this Integrated Report are the result of a multiyear planning process drawing on decades of experience of water utility staff and regional planners. As a result of this planning process, the following major findings were derived:

- Finding # 1: Water planning in Connecticut is rapidly advancing through numerous stakeholder efforts. While the changes are expected to be beneficial, utilities will need to make adjustments.

- Finding # 2: Regionally, sufficient water supply exists to meet existing and projected ADD through 2030 with a MOS of 1.15. However, the water is not always in the location of need. Certain individual systems will require new sources even sooner to meet MMADD. Based on existing sources and procedures for calculation of available water, CWSs in the region are projecting a supply need of approximately 23.3 mgd, 59.4 mgd, and 71.5 mgd over the 5-year, 20-year, and 50-year planning horizons, primarily to meet MMADD with a MOS of 1.15. These volumes of water are unlikely to be developed within or nearby the region.

- Finding #3: The benefits of passive water conservation efforts envisioned by the *State Water Plan* would significantly reduce projected demands for many larger public water systems. When such passive water conservation savings are included, the projected supply need in the region reduces to 20.3 mgd, 50.7 mgd, and 55.3 mgd over the 5-year, 20-year, and 50-year planning horizons. These volumes of water are unlikely to be developed within or nearby the region. At a minimum, utilities should review their existing rate structures and modify them as appropriate to encourage water conservation while covering the full cost of providing public water supply.

- Finding #4: A number of methods are available to reduce future water needs, including (in order of implementation) updating projections which may be out of date, authorizing reasonable additive factors to be included in available water when calculating MOS for MMADD (which combined with passive water conservation efforts could reduce the need for new water to 9.3 mgd, 15.0 mgd, and 28.1 mgd over the three planning horizons), implementing targeted water conservation and water efficiency measures, , developing interconnections or new sources to be transferred through interconnections, and developing new sources of supply. The use of targeted water conservation and water efficiency measures (particularly by AWC) is expected to be the primary driver towards reducing demands and projected water supply deficits in the region. The reactivation of the Housatonic River Wellfield by AWC is further expected to provide a volume of water which could be used to meet regional deficits while the targeted water conservation and water efficiency measures are introduced and evolve to their full potential. If development of new sources of regionally significant supply is necessary in the future, the Western WUCC has several utilities which can be encouraged to continue evaluating potentially regionally significant source-of-supply options.

- Finding #5: The viability of small CWSs and the density of non-community systems in many areas continue to be concerns. Recent DPH efforts to identify systems with inadequate capacity have been greatly beneficial for both planning and regulatory purposes, and these efforts need to be continued.

- Finding #6: The 2-year planning process has brought together a diverse group of representatives from local and state government, public and privately held public water systems, and regional Councils of Government. This forum has enabled coordination of planning efforts and an exchange of knowledge and perspectives. Continued regular meetings by the WUCC will continue to encourage regional planning efforts.

12.1 Prioritization and Implementation of Recommendations

Recommendations developed throughout the Coordinated Water System planning process by the Western WUCC are located throughout this *Integrated Report* and summarized in Table 12-1. The Western WUCC formally evaluated the importance and priority of each recommendation at its March 20, 2018 meeting prior to approving the document to be submitted for public review. The WUCC intends to work with DPH and its member utilities and Councils of Government, as well as outside committees and agencies, to implement these recommendations in the coming years.

12.2 Prioritization and Cost of Capital Improvement Projects

Given the level of variation between the status of various preliminary planning studies, particularly the fact that many of the proposed capital improvement projects have only been conceptually evaluated, many yield estimates are uncertain, and cost estimates have not been developed, prioritization of capital improvement projects is not appropriate at this time. This process is therefore deferred for further consideration by WUCC members as projects advance through planning stages. Potential capital improvement projects may include the following:

- Consolidations or interconnections of small CWSs near larger utilities where consolidation or interconnection is found to be the preferred option for daily supply or for emergency purposes (Section 4.3, Section 5.3);
- Address Southwest Fairfield County supply deficiencies with additional connectivity in the vicinity of the regional pipeline (Section 5.3);
- Address Northern Fairfield County supply deficiencies with two interconnections: (1) water main under Interstate 84 perpendicular to the highway; potential locations include northern Bethel (connecting the Chimney Heights System to the Brookfield System) or northern Newtown (connecting the Newtown System to the Brookfield System; and (2) a pump station to move water from the Monroe portion of the Main System to the Newtown System (Section 5.3);
- Utilize interconnections to form six regionally interconnected groups of water utilities (A, B, C, D, E, and F) (Section 5.4);
- Utilize interconnections to connect the adjacent regionally interconnected groups of water utilities (A, B, C, D, E, and F) with one another (Section 5.4)
- Develop interconnections between the New Fairfield municipal system and the AWC – Dunham Pond system and AWC – Birches system (Section 5.4).
- Interconnecting with or consolidating small CWSs or non-community systems along or near the installation route of an interconnection project (Section 5.4);
- Joint development of new supply sources by multiple utilities (Section 6.1); and
- Reactivate the Housatonic River Wellfield (Section 7.5).

TABLE 12-1: Prioritization and Implementation of Non-Capital Improvement Recommendations

Topic Area	Goal	Recommended Strategies for Western WUCC	Lead(s)	Timeframe (Priority)
Responsible Planning	Prevent proliferation of water systems when other options are available	1. Encourage WUCC members to petition the WUCC for revision of ESA boundaries where appropriate to prevent creation of unnecessary consecutive water systems across ESA boundaries	WUCC	Ongoing
		2. As part of the process for providing a recommendation on the development of new water systems, evaluate the proximity of other nearby water systems and the potential for consolidating the proposed water system with an existing water system	WUCC	Ongoing
		3. Encourage DPH and the Water Planning Council to address, through regulations and/or procedures, the proliferation of multiple water systems in close proximity to one another	WUCC	Immediately
	Work towards constructive changes to statutes and regulations	4. Explore and provide recommendations regarding appropriate modifications to the definition of available water to allow for reasonable additive factors (contract maximums, supplemental sources, demand ratios from safe yield models, etc.) to be included when calculating MOS for MMADD	WUCC, DPH	Immediately
		5. Explore and provide recommendations to streamline the Sale of Excess Water Permit process (such as a minimum threshold requirement) and eliminate the requirement in certain instances to foster regionalization	WUCC, DPH	By 2023
		6. Review the state minimum design criteria for new public water systems every 5 years to ensure the development of reliable water systems with proper technical, managerial, and financial capacity	WUCC, DPH	1st Review by 2023
		7. Support DPH's efforts to develop regulations to ensure the standardized and consistent development of new non-community water systems	DPH, WUCC	Immediately
		8. Consider development of a streamlined CPCN process for small utilities desiring a minimal degree of expansion instead of the 5-percent rule	WUCC, DPH	By 2023
		9. Review data requirements for WSPs, CWSPs, and state water planning needs (e.g., basin-level withdrawal and return flow data) and data gaps to determine if revisions to the data requirements are necessary to ensure submission of data that is useful for multiple planning purposes	WUCC, DPH, DEEP	By 2030
	Develop and use best-available data	10. Re-evaluate the timing of regional capital improvements as the results of system-specific safe yield revisions accounting for full implementation of the Streamflow Standards and Regulations become available	WUCC, Utilities	By 2023
		11. Update in the CWSP the projected demands as new individual WSPs are completed and incorporate into the regional projections including the refinement of the impacts of the Streamflow Regulations	WUCC, DPH	Ongoing
		12. Provide annual updates to the WUCC on the status of small systems based on the CAT	DPH, WUCC	Ongoing
		13. Keep WUCC informed regarding potentially regionally significant water supply sources	Utilities	Ongoing
		14. Revise water demand projections that may be out of date	Utilities	By 2023
		15. Encourage utilities utilizing local design standards to adopt such standards, provide them in written format to developers at the beginning of the CPCN process, and reference such standards in a development agreement	WUCC	By 2023
		16. Provide Geographic Information System data appropriate for regional planning to COGs, including ESA boundaries and general public water system service locations (such as spatial data presented in the CWSP)	DPH	Immediately, Ongoing
		17. Review and improve accuracy of spatial data regarding the locations of non-community water systems	DPH	By 2023
		18. Consider requiring all public water systems to report water usage on an annual basis	DPH, WUCC	By 2023
		19. Encourage DPH and PURA to develop a risk-based approach to be used to better evaluate the condition of systems and apply projected costs into takeover and ratemaking proceedings	WUCC	By 2030
	Improve education of small system owners	20. Require training in asset management and related recordkeeping for small water system owners	DPH	By 2023
		21. Encourage small system owners to self-evaluate their status and consider implementation of one or more options based on the recommendations in Section 4.3 and have DPH annually report on the status of such actions to the WUCC	DPH, WUCC	Ongoing
		22. Work with small water systems owned and operated by voluntary associations to determine pathways for improving technical, managerial, and financial capacity and have DPH annually report on the status of such actions to the WUCC	DPH, WUCC	Ongoing
		23. Encourage small systems to work with nonprofit organizations such as RCAP Solutions or the ASRWWA to increase managerial capacity such as for asset management and have DPH annually report on the status of such actions to the WUCC	DPH, WUCC	Ongoing
		24. Encourage ESA holders to coordinate and work with the small CWSs within their respective ESAs	WUCC, DPH	Ongoing
		25. Provide education and oversight regarding management of non-community systems	DPH	Ongoing
	Foster and support interagency planning between utilities, COGs, municipalities, and state government	26. Develop strategies to involve small CWSs and non-community water systems in the WUCC planning process	WUCC, DPH	Ongoing
		27. Encourage local municipalities to consider the following in POCDs: ESAs, future water service extension potential, desired public water service areas, and water management through zoning regulations	COGs	Ongoing
Drought Management	Consider methods to improve enforcement of water use restrictions	28. Work with agencies and committees considering drought management to evaluate the model ordinance and consider legislative authority for water utilities to enforce restrictions under certain conditions	WUCC	By 2023
	Consider methods to improve timing of activation of drought triggers and water use restrictions	29. Work with agencies and committees considering drought management to evaluate trigger criteria, forecasting models, and other methods to coordinate drought planning and response	WUCC	By 2023

TABLE 12-1: Prioritization and Implementation of Non-Capital Improvement Recommendations

Topic Area	Goal	Recommended Strategies for Western WUCC	Lead(s)	Timeframe (Priority)
Source Protection	Encourage prudent development and conservation of existing large, protected watersheds	30. Implement the DWQMP process (potential candidate utilities include AWC, Danbury Water Department, Norwalk First Taxing District, South Norwalk Electric & Water, Waterbury Water Department, and Winsted Water Works)	Utilities, DPH	By 2023
		31. Pursue modification of CGS 8-30g to more strongly consider source water protection concerns in reservoir watersheds and APAs	DPH	By 2023
		32. Coordinate with local planners during POCD updates to identify areas of development density that may be incompatible with reservoir watersheds and APAs and to coordinate with other watershed towns regarding source protection planning	Utilities, COGs	Ongoing
		33. Create a development review checklist for local staff, local commissions, and local health districts to assist in approval of developments in reservoir watersheds and APAs	WUCC, COGs	By 2023
	Improve stormwater quality in watersheds and aquifer recharge areas	34. Promote the adoption of best management practices for the use of green infrastructure in stormwater management design and rainwater capture for landscaping	Utilities	By 2023
		35. Improve collaboration with local plowing contractors, public works staff, and the State Department of Transportation to minimize chloride impacts to public water supply sources	Utilities	By 2023
	Consider methods to improve enforcement capabilities	36. Evaluate and provide recommendations regarding methods of improving enforcement to prevent activities on private property that may lead to reservoir or aquifer contamination	WUCC	By 2023
Water Conservation	Consider and encourage methods for water systems to utilize to enhance water efficiency	37. Explore and provide recommendations regarding various methods of reducing unaccounted-for water	WUCC	Ongoing
		38. Explore and provide recommendations regarding the use of alternative methods for tracking water usage, water loss, and waste	WUCC	Ongoing
		39. Explore and provide recommendations regarding the use of outdoor water use restrictions to be applied seasonally	WUCC	Ongoing
		40. Encourage utilities to modify rate structures to promote water conservation while covering the full cost to provide water	WUCC	Ongoing
		41. Annually identify opportunities for the purchase and joint use of water-saving equipment, such as truck-mounted flushing systems which flush mains without blowing off water to waste	WUCC	Ongoing
		42. Develop and enact targeted water conservation and water efficiency programs	Utilities, DPH	By 2023
	Consider alternative means to supply nonpotable uses	43. Encourage the use of Class B water for nonpotable uses within service area boundaries	WUCC, DPH	Ongoing
		44. Encourage the use of gray water reuse systems in new developments to reduce demands on potable water (e.g. include on local development review checklist)	WUCC, DPH	Ongoing
	Consider legislation to improve water conservation	45. Explore and provide recommendations regarding state and local legislation to further regulate demand-side water conservation	WUCC, DPH	By 2030
	Encourage dissemination of water conservation information	46. Encourage local planners to include discussions in POCDs on the importance of water conservation	COGs, Utilities	Ongoing
Resiliency	Ensure methods of calculating safe yield are consistent with climate change	47. Review safe yield regulations every 10 years to determine if data inputs (e.g., evaporation rate) and assumptions continue to be valid in light of the effects of climate change on rainfall and runoff patterns, and revise regulations if necessary	WUCC, DPH	1st Review by 2030
		48. Encourage DEEP/USGS to monitor regional groundwater levels to detect trends that may impact safe yield	WUCC	Ongoing
	Correct disparities in existing regulations	49. Update the public health code to require new wells to be elevated to the 0.2% annual chance flood elevation	DPH	By 2030
	Improve resiliency of public water systems	50. Develop redundant infrastructure, backup power, and increase system storage and conduct more comprehensive emergency response planning to improve resiliency	Utilities	Ongoing
		51. Encourage small systems with the potential to develop emergency interconnections to do so	DPH, WUCC	Ongoing
		52. Initiate planning for development of interconnections to regionally interconnect groups of systems	WUCC, Utilities	By 2030
		53. Develop procedures and secure permits to promote the regional use of supplies during short-term planned and unplanned events resulting in loss of supply (e.g., Intra-Regional Water Supply Response Plan for Southeastern Connecticut)	WUCC, Utilities	Ongoing
		54. Assist systems in conducting asset management planning and developing formal infrastructure replacement programs	DPH	Ongoing
	Develop and use best-available data	55. Re-evaluate reservoir release requirements in light of changing rainfall and runoff patterns as USGS *StreamStats* is updated	Utilities	Ongoing
Funding	Improve availability of funding for desirable projects	56. Develop a dedicated source of grant funding to allow for the consolidation of small water systems located in close proximity	DPH	Immediately
		57. Develop a dedicated source of grant funding to allow for infrastructure projects to improve resiliency, such as allowing existing and new interconnections to operate in two directions where appropriate	DPH	Immediately
		58. Provide funding assistance for Councils of Government staff to monitor and inform local land use commissions regarding source water protection, ESA boundaries, and regional water supply challenges	DPH, OPM	Immediately
		59. Conduct regular seminars on financial management and the types of funding available for capital improvement projects	DPH	Ongoing
		60. Develop a dedicated source of grant funding for small system improvements	DPH	Immediately
		61. Develop a dedicated source of grant funding for regional water supply solutions	DPH	Ongoing
		62. Improve the accessibility of DWSRF loans for small water systems, such as through a streamlined process for certain types of improvements	DPH	Immediately
		63. Encourage DPH and the Water Planning Council to develop a dedicated source of funding to support periodic updates to the regional WUCC data to reflect updated safe yield calculations and individual utility projections	WUCC	Immediately
	Encourage joint use arrangements to reduce costs	64. Encourage the use of the Intertown Capital Equipment Purchase Incentive Program (for municipal systems) as well as other arrangements (e.g. bulk purchases) to share equipment, resources, and operational staff and increase purchasing power	WUCC	Ongoing

In addition to whether a capital improvement project can reliably meet a portion or all of a regional need, the WUCC may use this document for guidance towards prioritizing potential projects in the future. The questions regarding climate change and resiliency from Section 2.4.3 should be considered, as well as the potential impacts on other uses of water resources outlined in Section 8.0. Furthermore, the WUCC is encouraged to evaluate the potential impact to stressed regional basins (and stressed sub-regional basins if such data is developed in the future) when it considers the development of regional capital improvement projects. Finally, the WUCC is encouraged to consider metrics such as project costs per gallon as a way to compare the financial viability of multiple projects.

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APPENDED TABLES

Appended Table 1: Existing ADD and Available Water for Community Water Systems (mgd)

Community Water System	2015-2016 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2015-2016 Residential Demand	2015-2016 Non-Residential Demand	2015-2016 Unaccounted-for Water	Percent Unaccounted-for Water	2015-2016 Total ADD	2015-2016 Water Sold to Other Utilities	2015-2016 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD
27 Maple Drive	38	75	0.003	-	-	-	0.003	-	0.003	0.003	-	0.003	-	0.000
39 Hop Brook Rd - Apt Complex	36	75	0.003	-	-	-	0.003	-	0.003	0.015	-	0.015	-	0.012
Aqua Vista Assoc, Inc - Lower System	128	75	0.010	-	-	-	0.010	-	0.010	0.012	-	0.012	-	0.002
Aqua Vista Assoc, Inc - Upper System	260	75	0.020	-	-	-	0.020	-	0.020	0.024	-	0.024	-	0.004
Aquarion Water Co of CT - Dunham Pond	203	32	0.007	0.000	-	-	0.007	-	0.007	0.043	-	0.043	-	0.037
Aquarion Water Co of CT - West Shore	53	19	0.001	-	0.000	13.4%	0.001	-	0.001	0.001	-	0.001	-	0.000
Aquarion Water Co of CT-Ball Pond Sys	624	48	0.030	-	0.003	9.4%	0.033	-	0.033	0.050	-	0.050	-	0.017
Aquarion Water Co of CT-Barnum System	132	73	0.010	-	0.000	0.9%	0.010	-	0.010	-	-	-	0.010	(0.010)
Aquarion Water Co of CT-Berkshire Corp	84	70	0.006	0.041	0.008	14.8%	0.056	-	0.056	-	0.120	0.120	0.056	0.064
Aquarion Water Co of CT-Brookfield Sys	2,704	49	0.132	0.083	0.064	22.9%	0.278	-	0.278	0.585	-	0.585	-	0.307
Aquarion Water Co of CT-Carmen Hill	321	49	0.016	0.004	0.006	24.4%	0.027	-	0.027	0.041	-	0.041	-	0.014
Aquarion Water Co of CT-Cedar Heights	385	38	0.015	0.004	0.000	2.0%	0.019	-	0.019	0.030	-	0.030	-	0.011
Aquarion Water Co of CT-Chestnut Tree	135	51	0.007	0.001	0.000	0.4%	0.007	-	0.007	0.019	-	0.019	-	0.012
Aquarion Water Co of CT-Chimney Heights	1,853	56	0.104	0.062	0.019	10.4%	0.186	-	0.186	0.162	-	0.162	0.001	(0.024)
Aquarion Water Co of CT-Cornwall System	101	47	0.005	0.002	0.000	6.0%	0.007	-	0.007	0.050	-	0.050	-	0.043
Aquarion Water Co of CT-Craigmoor	62	38	0.002	-	0.000	3.6%	0.002	-	0.002	0.009	-	0.009	-	0.006
Aquarion Water Co of CT-Dean Heights Sys	162	46	0.007	0.000	0.003	30.8%	0.011	-	0.011	0.023	-	0.023	-	0.012
Aquarion Water Co of CT-East Derby	1,218	85	0.104	0.032	0.019	12.1%	0.154	-	0.154	-	0.150	0.150	0.154	(0.004)
Aquarion Water Co of CT-Fieldstone Ridge	84	44	0.004	-	0.000	5.7%	0.004	-	0.004	0.019	-	0.019	-	0.016
Aquarion Water Co of CT-Forest Hills Sys	264	31	0.008	0.002	0.004	25.4%	0.014	-	0.014	0.027	-	0.027	-	0.013
Aquarion Water Co of CT-Greenwich System	60,605	72	4.375	7.942	2.841	18.7%	15.158	4.128	11.031	15.200	-	15.200	-	0.042
Aquarion Water Co of CT-Hawkstone System	179	51	0.009	0.001	0.002	13.5%	0.011	-	0.011	-	0.050	0.050	0.011	0.039
Aquarion Water Co of CT-Hickory Hills	132	61	0.008	-	-	-	0.008	-	0.008	0.024	-	0.024	-	0.016
Aquarion Water Co of CT-Hollandale Est.	208	47	0.010	0.000	0.001	10.7%	0.011	-	0.011	-	-	-	0.011	(0.011)
Aquarion Water Co of CT-Indian Fields	176	33	0.006	0.003	-	-	0.009	-	0.009	0.016	-	0.016	-	0.007
Aquarion Water Co of CT-Judea Depot	64	59	0.004	0.003	0.004	36.7%	0.011	-	0.011	0.019	-	0.019	-	0.009
Aquarion Water Co of CT-Judea Main (Green)	195	62	0.012	0.009	0.003	11.4%	0.023	-	0.023	0.041	-	0.041	0.000	0.018
Aquarion Water Co of CT-Ken Oaks	158	50	0.008	0.008	0.009	36.3%	0.025	-	0.025	-	-	-	0.025	(0.025)
Aquarion Water Co of CT-Kent System	620	62	0.038	0.024	0.009	12.6%	0.071	-	0.071	0.386	-	0.386	-	0.315
Aquarion Water Co of CT-Lakeside System	486	38	0.019	-	0.019	50.5%	0.038	-	0.038	0.144	-	0.144	-	0.106
Aquarion Water Co of CT-Litchfield Sys	2,237	61	0.137	0.104	0.023	8.9%	0.265	-	0.265	0.166	0.400	0.566	0.131	0.301
Aquarion Water Co of CT-Main System	363,755	68	24.858	16.172	2.979	6.8%	44.009	-	44.009	72.130	-	72.130	-	28.121
Aquarion Water Co of CT-McKeon System	67	82	0.005	-	0.000	0.6%	0.006	-	0.006	-	-	-	0.006	(0.006)
Aquarion Water Co of CT-Meadowbrook	394	56	0.022	0.000	0.001	6.0%	0.024	-	0.024	0.039	-	0.039	-	0.015
Aquarion Water Co of CT-New Canaan Sys	10,559	72	0.762	0.769	0.390	20.3%	1.921	-	1.921	0.192	-	0.192	-	(1.729)
Aquarion Water Co of CT-New Milford	7,042	46	0.323	0.687	-	-	1.010	-	1.010	2.895	-	2.895	-	1.885
Aquarion Water Co of CT-Newtown System	4,352	52	0.226	0.163	0.203	34.3%	0.592	-	0.592	1.124	-	1.124	-	0.532
Aquarion Water Co of CT-Norfolk System	837	54	0.046	0.019	0.018	21.6%	0.083	-	0.083	0.730	-	0.730	-	0.647
Aquarion Water Co of CT-Noroton System	21,164	72	1.528	1.103	0.151	5.4%	2.782	-	2.782	0.350	-	0.350	0.042	(2.432)
Aquarion Water Co of CT-North Canaan Sys	1,495	49	0.073	0.129	0.023	10.2%	0.224	-	0.224	0.610	-	0.610	-	0.386
Aquarion Water Co of CT-Oakwood Acres	284	53	0.015	-	-	-	0.015	-	0.015	0.029	-	0.029	-	0.014
Aquarion Water Co of CT-Owsc	460	37	0.017	0.004	-	-	0.021	-	0.021	0.038	-	0.038	0.000	0.017
Aquarion Water Co of CT-Owsc Birches	67	27	0.002	-	0.000	1.5%	0.002	-	0.002	0.018	-	0.018	-	0.017
Aquarion Water Co of CT-Owsc Brookwood	240	57	0.014	0.018	0.002	6.4%	0.034	-	0.034	0.050	-	0.050	-	0.016
Aquarion Water Co of CT-Owsc Butternut	89	47	0.004	0.002	-	-	0.006	-	0.006	0.029	-	0.029	-	0.022
Aquarion Water Co of CT-Owsc Possum Rdge	310	46	0.014	0.000	0.001	4.4%	0.015	-	0.015	0.021	-	0.021	0.000	0.005
Aquarion Water Co of CT-Park Glen System	47	58	0.003	-	0.000	10.4%	0.003	-	0.003	0.017	-	0.017	-	0.014
Aquarion Water Co of CT-Pearce Manor	139	41	0.006	-	0.000	3.3%	0.006	-	0.006	0.025	-	0.025	-	0.019
Aquarion Water Co of CT-Pleasant View	217	65	0.014	0.000	0.003	19.4%	0.018	-	0.018	0.036	-	0.036	-	0.018
Aquarion Water Co of CT-Quarry Ridge	85	37	0.003	-	0.000	4.3%	0.003	-	0.003	0.010	-	0.010	-	0.007

Appended Table 1: Existing ADD and Available Water for Community Water Systems (mgd)

Community Water System	2015-2016 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2015-2016 Residential Demand	2015-2016 Non-Residential Demand	2015-2016 Unaccounted-for Water	Percent Unaccounted-for Water	2015-2016 Total ADD	2015-2016 Water Sold to Other Utilities	2015-2016 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD
Aquarion Water Co of CT-Ridgefield Knoll	666	54	0.036	0.001	0.008	16.9%	0.045	-	0.045	0.050	-	0.050	-	0.005
Aquarion Water Co of CT-Ridgefield Sys	7,522	74	0.560	0.241	0.099	11.0%	0.900	-	0.900	0.482	-	0.482	-	(0.418)
Aquarion Water Co of CT-Rolling Ridge	119	62	0.007	-	0.000	4.1%	0.008	-	0.008	-	-	-	0.008	(0.008)
Aquarion Water Co of CT-Salisbury Sys	1,888	76	0.144	0.123	0.048	15.4%	0.316	-	0.316	0.845	-	0.845	-	0.529
Aquarion Water Co of CT-Scodon	222	51	0.011	0.004	0.006	29.3%	0.021	-	0.021	0.024	-	0.024	-	0.003
Aquarion Water Co of CT-Stamford	119,475	72	8.624	7.384	1.799	10.1%	17.807	-	17.807	15.629	-	15.629	-	(2.178)
Aquarion Water Co of CT-Timber Trails	310	39	0.012	0.000	0.006	33.7%	0.019	-	0.019	0.033	-	0.033	-	0.015
Aquarion Water Co of CT-Tlwc	147	28	0.004	-	0.001	14.7%	0.005	-	0.005	0.022	-	0.022	-	0.017
Aquarion Water Co of CT-Tlwc Clearview	225	32	0.007	-	0.000	1.6%	0.007	-	0.007	-	0.007	0.007	0.007	-
Aquarion Water Co of CT-Tlwc Indian Sprg	252	51	0.013	0.002	-	-	0.015	-	0.015	0.050	-	0.050	-	0.035
Aquarion Water Co of CT-Tlwc Woodrich	78	30	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.009
Aquarion Water Co of CT-Twin Oaks System	149	36	0.005	-	0.001	20.6%	0.007	-	0.007	0.017	-	0.017	-	0.010
Aquarion Water Co of CT-Valley System	14,353	61	0.871	0.233	0.098	8.2%	1.202	-	1.202	0.890	4.000	4.890	0.556	3.688
Aquarion Water Co of CT-Western Brookfld	858	48	0.041	0.007	0.020	29.1%	0.068	-	0.068	0.124	-	0.124	0.000	0.056
Aquarion Water Co of CT-Woodbury System	1,207	56	0.067	0.070	0.009	6.0%	0.146	-	0.146	0.270	-	0.270	-	0.124
Arrow Point Water Co	84	36	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.047
Arrowhead By The Lake Association, Inc.	288	75	0.022	-	-	-	0.022	-	0.022	0.050	-	0.050	-	0.028
Arrowhead Point Homeowners Assn Inc.	296	75	0.022	-	-	-	0.022	-	0.022	0.022	-	0.022	-	(0.001)
Bantam Village	96	75	0.007	-	-	-	0.007	-	0.007	0.008	-	0.008	-	0.001
Bee Brook Crossing Condominiums	120	75	0.009	-	-	-	0.009	-	0.009	0.043	-	0.043	-	0.034
Bernhardt Meadow	36	75	0.003	-	-	-	0.003	-	0.003	0.039	-	0.039	-	0.036
Bethel Water Dept	9,507	59	0.562	0.234	0.140	15.0%	0.936	-	0.936	1.360	-	1.360	-	0.424
Birch Groves Association, Inc	300	36	0.011	-	-	-	0.011	-	0.011	0.050	-	0.050	-	0.039
Breezy Knoll Association	100	30	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024
Bridgewater Commons Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.037	-	0.037	-	0.033
Bristol Water Department	54,557	61	3.348	1.674	0.209	4.0%	5.232	-	5.232	6.870	0.500	7.370	0.233	2.138
Brookfield Hills Condominium Unit Owners	144	75	0.011	-	-	-	0.011	-	0.011	0.033	-	0.033	-	0.023
Brookfield Housing Authority	37	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019
Brookview Water Company	55	75	0.004	-	-	-	0.004	-	0.004	0.011	-	0.011	-	0.007
Brookwoods II	120	75	0.009	-	-	-	0.009	-	0.009	0.026	-	0.026	-	0.017
Brunswick Middle School	567	6	0.004	-	-	-	0.004	-	0.004	0.015	-	0.015	-	0.011
Canaan Water Dept	488	52	0.026	0.011	-	-	0.037	-	0.037	0.029	-	0.029	-	(0.008)
Candle Hill Mobile Home Park	233	75	0.017	-	-	-	0.017	-	0.017	0.030	-	0.030	-	0.013
Candlewood Knolls Water Authority	524	75	0.039	-	-	-	0.039	-	0.039	0.043	-	0.043	-	0.004
Candlewood Orchards Property Owners Corp	144	30	0.004	-	-	-	0.004	-	0.004	0.040	-	0.040	-	0.036
Candlewood Park Inc	500	71	0.036	-	-	-	0.036	-	0.036	0.031	-	0.031	0.004	(0.004)
Candlewood Shores Tax District	1,315	43	0.056	-	0.001	1.0%	0.057	-	0.057	0.132	-	0.132	-	0.075
Candlewood Springs Property Owners Assn	148	75	0.011	-	-	-	0.011	-	0.011	0.019	-	0.019	-	0.008
Candlewood Trails Association, Inc.	312	48	0.015	-	-	-	0.015	-	0.015	0.050	-	0.050	-	0.035
Cedar Terrace Prop Owners Assn	66	75	0.005	-	0.001	13.0%	0.006	-	0.006	0.019	-	0.019	-	0.014
Cedarhurst Association	72	14	0.001	-	-	-	0.001	-	0.001	0.014	-	0.014	-	0.013
Chatfield Hill Assn., Inc.	68	29	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048
Chippanydale Association	52	20	0.001	-	-	-	0.001	-	0.001	0.007	-	0.007	-	0.006
CLC Owners Corporation	1,472	75	0.110	-	-	-	0.110	-	0.110	0.289	-	0.289	-	0.179
Cornell Hills Assoc, Inc	108	75	0.008	-	-	-	0.008	-	0.008	0.050	-	0.050	-	0.042
Cornwall Water Company	48	75	0.004	-	-	-	0.004	-	0.004	0.004	-	0.004	-	0.001
Countryside Apartments	218	75	0.016	-	-	-	0.016	0.007	0.009	0.033	-	0.033	-	0.017
Crestview Condominium Association	84	75	0.006	-	-	-	0.006	-	0.006	0.007	-	0.007	-	0.001
CTWC - Naugatuck Reg - Hillcrest	120	35	0.004	-	-	-	0.004	-	0.004	-	0.030	0.030	0.004	0.026
CTWC - Naugatuck Reg-Collinsville Sys	120	71	0.009	0.000	0.000	1.4%	0.009	-	0.009	-	-	-	-	-

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CTWC - Naugatuck Region-Central System	31,423	53	1.679	0.428	0.617	22.7%	2.724	-	2.724	4.280	0.300	4.580	-	1.856
CTWC - Naugatuck Reg-Terryville System	6,134	55	0.335	0.073	0.031	7.1%	0.439	-	0.439	0.718	0.600	1.318	-	0.879
CTWC - Naugatuck Reg-Thomaston System	3,968	51	0.203	0.140	0.046	11.8%	0.389	-	0.389	0.609	0.650	1.259	-	0.870
Danbury Water Department	57,331	52	2.959	2.034	0.949	16.0%	5.942	0.100	5.842	8.930	-	8.930	-	2.988
Danbury Water Dept- Hawthorne Terrace Assoc	156	75	0.012	-	-	-	0.012	-	0.012	0.040	-	0.040	-	0.028
Danbury Water Dept-Ridgeview Gardens	116	75	0.009	-	-	-	0.009	-	0.009	0.012	-	0.012	-	0.003
Devereux Glenholme School - Main Campus	245	100	0.025	-	-	-	0.025	-	0.025	0.028	-	0.028	-	0.004
Dodge Farm	42	36	0.002	-	-	-	0.002	-	0.002	0.028	-	0.028	-	0.027
Eldridge Elderly Housing	40	75	0.003	-	-	-	0.003	-	0.003	0.005	-	0.005	-	0.002
Elmwood Court LLC	54	75	0.004	-	-	-	0.004	-	0.004	0.018	-	0.018	-	0.014
Fairfield Hills	695	157	0.109	0.046	0.014	8.1%	0.168	-	0.168	0.666	-	0.666	-	0.498
Farmington Line West Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.002	-	0.002	-	(0.002)
Fernwood Rest Home	107	28	0.003	-	-	-	0.003	-	0.003	0.028	-	0.028	-	0.025
Foxridge Apartments-Well 1	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026
Foxridge Apartments-Well 2	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026
Garden Lane Apartments	40	75	0.003	-	-	-	0.003	-	0.003	0.017	-	0.017	-	0.014
Gunnery School	300	75	0.023	-	-	-	0.023	-	0.023	0.050	-	0.050	-	0.028
Harmony Acres Mobile Home Park	465	75	0.035	-	-	-	0.035	-	0.035	0.040	-	0.040	-	0.005
Heritage Hill Condominium Assn, Inc	120	75	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023
Heritage Water Company	9,242	56	0.518	0.374	0.149	14.3%	1.041	0.041	1.000	2.040	0.500	2.540	-	1.499
Holly House Apartments	75	75	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044
Idleview Mobile Home Park	138	30	0.004	-	-	-	0.004	-	0.004	0.005	-	0.005	-	0.001
Interlaken Water Company	64	75	0.005	-	-	-	0.005	-	0.005	0.022	-	0.022	-	0.017
Kent School (Maintenance Well)	30	75	0.002	-	-	-	0.002	-	0.002	0.027	-	0.027	-	0.025
Kent School Corp (Valley Campus)	722	75	0.054	-	-	-	0.054	-	0.054	0.195	-	0.195	-	0.141
Knollcrest Tax District	356	75	0.027	-	-	-	0.027	-	0.027	0.047	-	0.047	-	0.020
Kugeman Village	54	75	0.004	-	-	-	0.004	-	0.004	0.022	-	0.022	-	0.018
Lake Hills Village Condominiums	102	75	0.008	-	-	-	0.008	-	0.008	0.010	-	0.010	-	0.003
Lake Lillinonah Shores Condos	130	75	0.010	-	-	-	0.010	-	0.010	0.050	-	0.050	-	0.040
Lake Waubeeka Association	712	75	0.053	-	-	-	0.053	-	0.053	0.281	-	0.281	-	0.227
Lillinonah Park Estates Homeowners Assn	256	75	0.019	-	-	-	0.019	-	0.019	0.014	-	0.014	-	(0.005)
Litchfield Hill Condos	126	10	0.001	-	-	-	0.001	-	0.001	0.030	-	0.030	-	0.029
Little Brook Rd Property Owners Assn	64	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001
Masonicare of Newtown	504	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.006
Meadowbrook Terrace Mobile Home Park	158	75	0.012	-	-	-	0.012	-	0.012	0.019	-	0.019	-	0.008
Meriden Water Division	52	63	0.003	-	0.001	17.4%	0.004	-	0.004	3.100	0.500	3.600	0.220	3.596
Middlebury Commons	76	75	0.006	-	-	-	0.006	-	0.006	0.027	-	0.027	-	0.021
New Hartford Water Department	1,400	54	0.076	0.021	0.007	7.0%	0.104	-	0.104	0.378	-	0.378	-	0.274
New Preston Water Co	139	75	0.010	-	-	-	0.010	-	0.010	0.024	-	0.024	-	0.013
North Purchase Elderly Housing	72	28	0.002	-	-	-	0.002	-	0.002	0.013	-	0.013	-	0.011
Norwalk First Taxing District	41,515	67	2.782	1.710	1.298	22.4%	5.790	-	5.790	7.750	-	7.750	-	1.960
Oakdale Manor Water Association	40	75	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024
Old Farms Condominium Association Inc	285	75	0.021	-	0.006	22.2%	0.027	-	0.027	0.066	-	0.066	-	0.039
Pine Grove Association,Inc.	248	75	0.019	-	-	-	0.019	-	0.019	0.006	-	0.006	-	(0.012)
Quassuk Heights Condominium Assn	108	75	0.008	-	-	-	0.008	-	0.008	0.009	-	0.009	-	0.001
Rocktree Apartments	60	30	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048
Rumsey Hall School	398	75	0.030	-	-	-	0.030	-	0.030	0.021	-	0.021	-	(0.009)
Salisbury School	520	48	0.025	-	-	-	0.025	-	0.025	0.050	-	0.050	-	0.025
SCCRWA	55,731	52	2.898	2.765	0.700	11.0%	6.363	0.942	5.421	7.600	-	7.600	-	-
Shady Acres Mobile Home Park	117	79	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023

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Sharon Ridge Apartments	62	75	0.005	-	-	-	0.005	-	0.005	0.019	-	0.019	-	0.015
Sharon Water & Sewer Commission	803	70	0.056	0.050	-	-	0.106	-	0.106	0.205	-	0.205	-	0.099
Snug Harbor Development Corp	144	42	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044
South Kent School	228	75	0.017	-	-	-	0.017	-	0.017	0.037	-	0.037	-	0.020
South Norwalk Electric & Water	42,548	66	2.808	2.512	-	-	5.320	0.042	5.278	5.500	-	5.500	-	0.180
Southbury Training School	300	340	0.102	-	-	-	0.102	-	0.102	0.324	-	0.324	-	0.222
Southington Water Department	473	75	0.035	0.010	0.006	11.8%	0.052	-	0.052	-	-	-	-	-
Stony Hill Village Condominium Assn	392	75	0.029	-	-	-	0.029	-	0.029	0.050	-	0.050	-	0.021
Sunny Valley Tax District	500	75	0.038	-	-	-	0.038	-	0.038	0.050	-	0.050	-	0.013
Tashua Village Association, Inc.	35	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019
The Marvelwood School	220	75	0.017	-	-	-	0.017	-	0.017	0.017	-	0.017	-	-
Torrington Water Company	37,915	46	1.742	0.556	0.121	5.0%	2.419	0.131	2.288	5.320	-	5.320	-	2.901
Touchstone N.A.F.I.	43	75	0.003	-	-	-	0.003	-	0.003	0.011	-	0.011	-	0.008
Town In Country Condominiums - Lower Sys	120	18	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.009
Town In Country Condominiums - Upper Sys	120	20	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.008
Village Market Place	25	75	0.002	0.007	-	-	0.008	-	0.008	0.010	-	0.010	-	0.001
Wallens Hill Apartments	50	75	0.004	-	-	-	0.004	-	0.004	0.010	-	0.010	-	0.006
Wallingford Water Department	128	52	0.007	-	0.001	12.6%	0.008	-	0.008	-	-	-	-	-
Waterbury Water Department	107,271	78	8.367	3.400	2.410	17.0%	14.177	1.020	13.157	27.000	-	27.000	-	12.823
Watertown Fire District	6,360	54	0.345	0.091	0.092	17.4%	0.528	0.012	0.516	1.340	-	1.340	-	0.812
Watertown Water & Sewer - Westgate	219	53	0.012	-	-	-	0.012	-	0.012	-	0.045	0.045	0.012	0.033
Watertown Water & Sewer Authority	9,972	48	0.478	0.340	0.081	9.0%	0.898	-	0.898	-	3.000	3.000	0.898	2.102
West Hill Lake Water Assoc.	312	16	0.005	-	-	-	0.005	-	0.005	0.035	-	0.035	-	0.030
Weston Water Supply	100	75	0.008	-	-	-	0.008	-	0.008	0.025	-	0.025	-	0.017
Westover Water Co	510	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.004
Whisconier Village Association, Inc.	123	75	0.009	-	-	-	0.009	-	0.009	0.011	-	0.011	-	0.002
Winsted Water Works	7,784	77	0.599	0.170	0.136	15.0%	0.905	-	0.905	2.980	-	2.980	-	2.075
Wolcott Water Department	2,550	25	0.063	0.055	-	-	0.118	-	0.118	-	0.500	0.500	0.118	0.382
Woodbury Knoll, LLC.	258	75	0.019	-	-	-	0.019	-	0.019	0.022	-	0.022	-	0.003
Woodbury Place Condominium Assn	72	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001
Woodcreek Village Condominium Assn, Inc	72	75	0.005	-	-	-	0.005	-	0.005	0.013	-	0.013	-	0.008
Woodcrest Association, Inc	60	75	0.005	-	-	-	0.005	-	0.005	0.021	-	0.021	-	0.016
Woodhall School, Inc	68	37	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.048
Woodlake Tax District	914	47	0.043	0.005	-	-	0.048	-	0.048	0.140	-	0.140	-	0.092
TOTAL	**1,141,013**	**66**	**74.809**	**52.162**	**15.922**		**142.893**	**6.423**	**136.470**	**204.315**	**11.352**	**215.667**	**2.508**	**71.605**

Notes: Transfers from AWC - Main system are used to meet deficits in AWC - Ridgefield system and AWC - Southwestern Fairfield County system (New Canaan, Noroton, & Stamford subsystems)

AWC - Clearview gets all needed water by agreement from Countryside Apartments. Available water is assumed equal to demand.

CTWC - Collinsville System sources are in Canton in Central PWSMA. Available water is assumed equal to demand for Burlington service area.

SCCRWA has majority of its sources in Central PWSMA. Available water is assumed equal to demand for service area in Western PWSMA.

Southington Water Department sources are in Southington in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Available water for The Marvelwood School was not available; assumed equal to demand.

Wallingford Water Division sources are in Wallingford in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Data is summarized from Table B-3 in Appendix B and represents the most current data available from water utilities, WSPs, or DPH records

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Appended Table 2: 5-Year (2023) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2023 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2023 Residential Demand	2023 Non-Residential Demand	2023 Unaccounted-for Water	Percent Unaccounted-for Water	2023 Total ADD	2023 Water Sold to Other Utilities	2023 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2023 Residential Demand with Water Conservation	2023 Unaccounted-for Water with Water Conservation	2023 Total ADD with Water Conservation	2023 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
27 Maple Drive	38	75	0.003	-	-	-	0.003	-	0.003	0.003	-	0.003	-	0.000	2	73	0.003	-	0.003	0.003	0.001
39 Hop Brook Rd - Apt Complex	36	75	0.003	-	-	-	0.003	-	0.003	0.015	-	0.015	-	0.012	2	73	0.003	-	0.003	0.003	0.012
Aqua Vista Assoc, Inc - Lower System	128	75	0.010	-	-	-	0.010	-	0.010	0.012	-	0.012	-	0.002	2	73	0.009	-	0.009	0.009	0.003
Aqua Vista Assoc, Inc - Upper System	260	75	0.020	-	-	-	0.020	-	0.020	0.024	-	0.024	-	0.004	2	73	0.019	-	0.019	0.019	0.005
Aquarion Water Co of CT - Dunham Pond	203	25	0.005	0.019	0.003	10.0%	0.027	-	0.027	0.043	-	0.043	-	0.017	-	25	0.005	0.003	0.027	0.027	0.017
Aquarion Water Co of CT - West Shore	53	19	0.001	-	0.000	15.0%	0.001	-	0.001	0.001	-	0.001	-	0.000	-	19	0.001	0.000	0.001	0.001	0.000
Aquarion Water Co of CT-Ball Pond Sys	698	59	0.041	0.003	0.004	9.0%	0.049	-	0.049	0.050	-	0.050	-	0.001	2	57	0.040	0.004	0.047	0.047	0.003
Aquarion Water Co of CT-Barnum System	132	91	0.012	-	0.001	10.0%	0.013	-	0.013	-		-	0.013	(0.013)	2	89	0.012	0.001	0.013	0.013	(0.013)
Aquarion Water Co of CT-Berkshire Corp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Brookfield Sys	4,574	77	0.354	0.180	0.073	12.0%	0.607	-	0.607	0.827	-	0.827	-	0.220	2	75	0.345	0.073	0.598	0.598	0.229
Aquarion Water Co of CT-Carmen Hill	321	42	0.013	0.001	0.004	24.0%	0.018	-	0.018	0.041	-	0.041	-	0.023	-	42	0.013	0.003	0.017	0.017	0.024
Aquarion Water Co of CT-Cedar Heights	385	40	0.016	0.002	0.000	2.0%	0.018	-	0.018	0.030	-	0.030	-	0.012	-	40	0.016	0.000	0.018	0.018	0.012
Aquarion Water Co of CT-Chestnut Tree	135	53	0.007	0.001	0.000	2.5%	0.008	-	0.008	0.019	-	0.019	-	0.011	2	51	0.007	0.000	0.008	0.008	0.012
Aquarion Water Co of CT-Chimney Heights	2,598	58	0.151	0.103	0.035	12.0%	0.289	-	0.289	0.162	0.120	0.282	0.120	(0.007)	2	56	0.146	0.035	0.284	0.284	(0.002)
Aquarion Water Co of CT-Cornwall System	101	49	0.005	0.002	0.000	6.0%	0.007	-	0.007	0.050	-	0.050	-	0.043	-	49	0.005	0.000	0.007	0.007	0.043
Aquarion Water Co of CT-Craigmoor	62	37	0.002	-	0.000	15.0%	0.003	-	0.003	0.009	-	0.009	-	0.006	-	37	0.002	0.000	0.003	0.003	0.006
Aquarion Water Co of CT-Dean Heights Sys	162	49	0.008	0.002	0.003	23.1%	0.013	-	0.013	0.023	-	0.023	-	0.010	-	49	0.008	0.002	0.012	0.012	0.011
Aquarion Water Co of CT-East Derby	1,218	75	0.091	0.038	0.014	10.0%	0.144	-	0.144	-	0.150	0.150	0.144	0.006	2	73	0.089	0.014	0.142	0.142	0.008
Aquarion Water Co of CT-Fieldstone Ridge	84	54	0.005	-	0.001	15.0%	0.005	-	0.005	0.019	-	0.019	-	0.014	2	52	0.004	0.001	0.005	0.005	0.014
Aquarion Water Co of CT-Forest Hills Sys	264	34	0.009	-	0.002	18.2%	0.011	-	0.011	0.027	-	0.027	-	0.016	-	34	0.009	0.002	0.011	0.011	0.016
Aquarion Water Co of CT-Greenwich System	59,281	75	4.436	6.441	2.551	19.0%	13.429	4.128	9.301	15.200	-	15.200	-	1.771	2	73	4.318	1.395	12.154	8.026	3.046
Aquarion Water Co of CT-Hawkstone System	179	47	0.008	0.001	0.002	17.0%	0.011	-	0.011	-	0.050	0.050	0.011	0.039	-	47	0.008	0.002	0.011	0.011	0.039
Aquarion Water Co of CT-Hickory Hills	132	61	0.008	-	-	-	0.008	-	0.008	0.024	-	0.024	-	0.016	2	59	0.008	-	0.008	0.008	0.016
Aquarion Water Co of CT-Hollandale Est.	208	45	0.009	0.000	0.000	3.0%	0.010	-	0.010	-	-	-	0.010	(0.010)	-	45	0.009	0.000	0.010	0.010	(0.010)
Aquarion Water Co of CT-Indian Fields	176	67	0.012	-	0.002	15.0%	0.014	-	0.014	0.016	-	0.016	-	0.002	2	65	0.011	0.002	0.013	0.013	0.002
Aquarion Water Co of CT-Judea Depot	64	63	0.004	0.003	0.001	15.0%	0.008	-	0.008	0.019	-	0.019	-	0.012	2	61	0.004	0.001	0.008	0.008	0.012
Aquarion Water Co of CT-Judea Main (Green)	195	62	0.012	0.010	0.003	13.0%	0.026	-	0.026	0.041	-	0.041	-	0.015	2	60	0.012	0.003	0.025	0.025	0.016
Aquarion Water Co of CT-Ken Oaks	158	45	0.007	0.001	0.001	9.0%	0.008	-	0.008	-	-	-	0.008	(0.008)	-	45	0.007	0.001	0.008	0.008	(0.008)
Aquarion Water Co of CT-Kent System	620	82	0.051	0.020	0.010	12.0%	0.081	-	0.081	0.386	-	0.386	-	0.306	2	80	0.050	0.010	0.079	0.079	0.307
Aquarion Water Co of CT-Lakeside System	486	40	0.020	-	0.013	40.0%	0.033	-	0.033	0.144	-	0.144	-	0.111	-	40	0.020	0.005	0.025	0.025	0.119
Aquarion Water Co of CT-Litchfield Sys	2,249	61	0.136	0.123	0.019	7.0%	0.279	-	0.279	0.166	0.400	0.566	0.131	0.288	2	59	0.132	0.019	0.274	0.274	0.292
Aquarion Water Co of CT-Main System	372,082	69	25.575	20.457	7.184	13.5%	53.216	-	53.216	72.130	-	72.130	-	18.914	2	67	24.831	7.184	52.472	52.472	19.658
Aquarion Water Co of CT-McKeon System	67	90	0.006	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	2	88	0.006	0.001	0.007	0.007	(0.007)
Aquarion Water Co of CT-Meadowbrook	394	56	0.022	0.002	0.002	7.7%	0.026	-	0.026	0.039	-	0.039	-	0.013	2	54	0.021	0.002	0.025	0.025	0.014
Aquarion Water Co of CT-New Canaan Sys	10,609	75	0.794	0.620	0.353	20.0%	1.767	-	1.767	0.192	-	0.192	-	(1.575)	2	73	0.773	0.265	1.658	1.658	(1.466)
Aquarion Water Co of CT-New Milford	7,393	45	0.332	0.620	0.149	13.5%	1.100	-	1.100	2.895	-	2.895	-	1.795	-	45	0.332	0.149	1.100	1.100	1.795
Aquarion Water Co of CT-Newtown System	5,739	46	0.262	0.586	0.089	9.5%	0.937	-	0.937	1.124	-	1.124	-	0.187	-	46	0.262	0.089	0.937	0.937	0.187
Aquarion Water Co of CT-Norfolk System	837	55	0.046	0.020	0.012	15.0%	0.078	-	0.078	0.730	-	0.730	-	0.652	2	53	0.044	0.012	0.076	0.076	0.654
Aquarion Water Co of CT-Noroton System	21,053	75	1.575	1.000	0.164	6.0%	2.740	-	2.740	0.350	-	0.350	0.055	(2.390)	2	73	1.533	0.164	2.698	2.698	(2.348)
Aquarion Water Co of CT-North Canaan Sys	1,495	51	0.076	0.144	0.024	10.0%	0.245	-	0.245	0.610	-	0.610	-	0.365	1	50	0.075	0.024	0.243	0.243	0.367
Aquarion Water Co of CT-Oakwood Acres	284	50	0.014	0.002	0.003	15.0%	0.019	-	0.019	0.029	-	0.029	-	0.011	0	50	0.014	0.003	0.019	0.019	0.011
Aquarion Water Co of CT-Owsc	460	37	0.017	0.001	0.002	12.5%	0.020	-	0.020	0.038	-	0.038	-	0.018	-	37	0.017	0.002	0.020	0.020	0.018
Aquarion Water Co of CT-Owsc Birches	67	30	0.002	0.010	0.000	0.3%	0.012	-	0.012	0.018	-	0.018	-	0.007	-	30	0.002	0.000	0.012	0.012	0.007
Aquarion Water Co of CT-Owsc Brookwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Butternut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Possum Rdge	310	46	0.014	0.000	0.003	18.9%	0.018	-	0.018	0.021	-	0.021	-	0.003	-	46	0.014	0.003	0.017	0.017	0.003
Aquarion Water Co of CT-Park Glen System	47	43	0.002	-	0.000	16.7%	0.002	-	0.002	0.017	-	0.017	-	0.015	-	43	0.002	0.000	0.002	0.002	0.015
Aquarion Water Co of CT-Pearce Manor	139	40	0.006	-	0.001	15.0%	0.007	-	0.007	0.025	-	0.025	-	0.018	-	40	0.006	0.001	0.007	0.007	0.018
Aquarion Water Co of CT-Pleasant View	217	78	0.017	0.003	0.004	16.7%	0.024	-	0.024	0.036	-	0.036	-	0.012	2	76	0.017	0.004	0.023	0.023	0.013
Aquarion Water Co of CT-Quarry Ridge	85	34	0.003	-	0.001	15.0%	0.003	-	0.003	0.010	-	0.010	-	0.006	-	34	0.003	0.001	0.003	0.003	0.006
Aquarion Water Co of CT-Ridgefield Knoll	666	57	0.038	0.001	0.005	11.2%	0.045	-	0.045	0.050	-	0.050	-	0.005	2	55	0.037	0.005	0.043	0.043	0.007
Aquarion Water Co of CT-Ridgefield Sys	7,601	74	0.563	0.275	0.093	10.0%	0.931	-	0.931	0.482	-	0.482	-	(0.449)	2	72	0.548	0.093	0.916	0.916	(0.434)
Aquarion Water Co of CT-Rolling Ridge	119	55	0.007	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	2	53	0.006	0.001	0.007	0.007	(0.007)
Aquarion Water Co of CT-Salisbury Sys	1,888	70	0.132	0.143	0.048	15.0%	0.323	-	0.323	0.845	-	0.845	-	0.522	2	68	0.128	0.048	0.319	0.319	0.526
Aquarion Water Co of CT-Scodon	222	51	0.011	-	0.002	15.0%	0.013	-	0.013	0.024	-	0.024	-	0.010	1	50	0.011	0.002	0.013	0.013	0.011
Aquarion Water Co of CT-Stamford	120,590	75	9.024	6.000	1.669	10.0%	16.694	-	16.694	15.629	-	15.629	-	(1.065)	2	73	8.783	1.669	16.452	16.452	(0.823)
Aquarion Water Co of CT-Timber Trails	310	44	0.013	0.000	0.003	16.3%	0.017	-	0.017	0.033	-	0.033	-	0.017	-	44	0.013	0.002	0.016	0.016	0.017
Aquarion Water Co of CT-Tlwc	147	24	0.004	-	0.001	15.0%	0.004	-	0.004	0.022	-	0.022	-	0.017	-	24	0.004	0.001	0.004	0.004	0.017

Appended Table 2: 5-Year (2023) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2023 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2023 Residential Demand	2023 Non-Residential Demand	2023 Unaccounted-for Water	Percent Unaccounted-for Water	2023 Total ADD	2023 Water Sold to Other Utilities	2023 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2023 Residential Demand with Water Conservation	2023 Unaccounted-for Water with Water Conservation	2023 Total ADD with Water Conservation	2023 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Aquarion Water Co of CT-Tlwc Clearview	225	35	0.008	-	-	-	0.008	-	0.008	-	0.008	0.008	0.008	-	-	35	0.008	-	0.008	0.008	-
Aquarion Water Co of CT-Tlwc Indian Sprg	252	52	0.013	0.002	0.005	23.0%	0.020	-	0.020	0.050	-	0.050	-	0.030	2	50	0.013	0.003	0.018	0.018	0.032
Aquarion Water Co of CT-Tlwc Woodrich	78	24	0.002	-	0.000	10.0%	0.002	-	0.002	0.011	-	0.011	-	0.009	-	24	0.002	0.000	0.002	0.002	0.009
Aquarion Water Co of CT-Twin Oaks System	149	42	0.006	-	0.002	23.0%	0.008	-	0.008	0.017	-	0.017	-	0.009	-	42	0.006	0.001	0.008	0.008	0.009
Aquarion Water Co of CT-Valley System	15,080	72	1.091	0.403	0.166	10.0%	1.660	-	1.660	0.890	4.000	4.890	0.850	3.230	2	70	1.061	0.166	1.630	1.630	3.260
Aquarion Water Co of CT-Western Brookfld	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Woodbury System	1,221	53	0.065	0.068	0.009	6.0%	0.142	-	0.142	0.270	-	0.270	-	0.128	2	51	0.063	0.009	0.140	0.140	0.130
Arrow Point Water Co	84	36	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.047	-	36	0.003	-	0.003	0.003	0.047
Arrowhead By The Lake Association, Inc.	288	75	0.022	-	-	-	0.022	-	0.022	0.050	-	0.050	-	0.028	2	73	0.021	-	0.021	0.021	0.029
Arrowhead Point Homeowners Assn Inc.	296	75	0.022	-	-	-	0.022	-	0.022	0.022	-	0.022	-	(0.001)	2	73	0.022	-	0.022	0.022	(0.000)
Bantam Village	96	75	0.007	-	-	-	0.007	-	0.007	0.008	-	0.008	-	0.001	2	73	0.007	-	0.007	0.007	0.001
Bee Brook Crossing Condominiums	120	75	0.009	-	-	-	0.009	-	0.009	0.043	-	0.043	-	0.034	2	73	0.009	-	0.009	0.009	0.034
Bernhardt Meadow	36	75	0.003	-	-	-	0.003	-	0.003	0.039	-	0.039	-	0.036	2	73	0.003	-	0.003	0.003	0.036
Bethel Water Dept	9,641	59	0.570	0.239	0.148	15.4%	0.957	-	0.957	1.360	-	1.360	-	0.403	2	57	0.551	0.144	0.933	0.933	0.427
Birch Groves Association, Inc	300	36	0.011	-	-	-	0.011	-	0.011	0.050	-	0.050	-	0.039	-	36	0.011	-	0.011	0.011	0.039
Breezy Knoll Association	100	30	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	-	30	0.003	-	0.003	0.003	0.024
Bridgewater Commons Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.037	-	0.037	-	0.033	2	73	0.004	-	0.004	0.004	0.033
Bristol Water Department	56,685	68	3.850	1.281	0.259	4.8%	5.390	-	5.390	6.870	0.500	7.370	0.233	1.980	2	66	3.737	0.259	5.277	5.277	2.093
Brookfield Hills Condominium Unit Owners	144	75	0.011	-	-	-	0.011	-	0.011	0.033	-	0.033	-	0.023	2	73	0.011	-	0.011	0.011	0.023
Brookfield Housing Authority	37	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	2	73	0.003	-	0.003	0.003	0.019
Brookview Water Company	55	75	0.004	-	-	-	0.004	-	0.004	0.011	-	0.011	-	0.007	2	73	0.004	-	0.004	0.004	0.007
Brookwoods II	120	75	0.009	-	-	-	0.009	-	0.009	0.026	-	0.026	-	0.017	2	73	0.009	-	0.009	0.009	0.017
Brunswick Middle School	567	6	0.004	-	-	-	0.004	-	0.004	0.015	-	0.015	-	0.011	-	6	0.004	-	0.004	0.004	0.011
Canaan Water Dept	488	52	0.026	0.011	-	-	0.037	-	0.037	0.029	-	0.029	-	(0.008)	2	50	0.025	-	0.036	0.036	(0.007)
Candle Hill Mobile Home Park	233	75	0.017	-	-	-	0.017	-	0.017	0.030	-	0.030	-	0.013	2	73	0.017	-	0.017	0.017	0.013
Candlewood Knolls Water Authority	524	75	0.039	-	-	-	0.039	-	0.039	0.043	-	0.043	-	0.004	2	73	0.038	-	0.038	0.038	0.005
Candlewood Orchards Property Owners Corp	144	30	0.004	-	-	-	0.004	-	0.004	0.040	-	0.040	-	0.036	-	30	0.004	-	0.004	0.004	0.036
Candlewood Park Inc	500	71	0.036	-	-	-	0.036	-	0.036	0.031	-	0.031	0.004	(0.004)	2	69	0.035	-	0.035	0.035	(0.003)
Candlewood Shores Tax District	1,324	53	0.070	-	0.001	1.0%	0.071	-	0.071	0.132	-	0.132	-	0.061	2	51	0.068	0.001	0.068	0.068	0.064
Candlewood Springs Property Owners Assn	148	75	0.011	-	-	-	0.011	-	0.011	0.019	-	0.019	-	0.008	2	73	0.011	-	0.011	0.011	0.009
Candlewood Trails Association, Inc.	312	48	0.015	-	-	-	0.015	-	0.015	0.050	-	0.050	-	0.035	-	48	0.015	-	0.015	0.015	0.035
Cedar Terrace Prop Owners Assn	66	75	0.005	-	0.001	13.0%	0.006	-	0.006	0.019	-	0.019	-	0.014	2	73	0.005	0.001	0.006	0.006	0.014
Cedarhurst Association	72	14	0.001	-	-	-	0.001	-	0.001	0.014	-	0.014	-	0.013	-	14	0.001	-	0.001	0.001	0.013
Chatfield Hill Assn., Inc.	68	29	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	29	0.002	-	0.002	0.002	0.048
Chippanydale Association	52	20	0.001	-	-	-	0.001	-	0.001	0.007	-	0.007	-	0.006	-	20	0.001	-	0.001	0.001	0.006
CLC Owners Corporation	1,472	75	0.110	-	-	-	0.110	-	0.110	0.289	-	0.289	-	0.179	2	73	0.107	-	0.107	0.107	0.182
Cornell Hills Assoc, Inc	108	75	0.008	-	-	-	0.008	-	0.008	0.050	-	0.050	-	0.042	2	73	0.008	-	0.008	0.008	0.042
Cornwall Water Company	48	75	0.004	-	-	-	0.004	-	0.004	0.004	-	0.004	-	0.001	2	73	0.004	-	0.004	0.004	0.001
Countryside Apartments	218	75	0.016	-	-	-	0.016	0.008	0.009	0.033	-	0.033	-	0.017	2	73	0.016	-	0.016	0.008	0.017
Crestview Condominium Association	84	75	0.006	-	-	-	0.006	-	0.006	0.007	-	0.007	-	0.001	2	73	0.006	-	0.006	0.006	0.001
CTWC - Naugatuck Reg - Hillcrest	120	35	0.004	-	-	-	0.004	-	0.004	-	0.030	0.030	0.004	0.026	-	35	0.004	-	0.004	0.004	0.026
CTWC - Naugatuck Reg-Collinsville Sys	120	70	0.008	0.000	0.000	1.1%	0.009	-	0.009	-	-	-	-	-	2	68	0.008	0.000	0.008	0.008	-
CTWC - Naugatuck Region-Central System	31,494	54	1.700	0.430	0.533	20.0%	2.663	-	2.663	4.280	0.300	4.580	-	1.918	2	52	1.637	0.399	2.466	2.466	2.114
CTWC - Naugatuck Reg-Terryville System	6,268	54	0.338	0.073	0.031	7.0%	0.442	-	0.442	0.718	0.600	1.318	-	0.876	2	52	0.325	0.031	0.429	0.429	0.889
CTWC - Naugatuck Reg-Thomaston System	3,993	51	0.203	0.143	0.038	10.0%	0.384	-	0.384	0.609	0.650	1.259	-	0.875	1	50	0.200	0.038	0.381	0.381	0.878
Danbury Water Department	60,672	52	3.130	2.000	1.050	17.0%	6.180	0.205	5.975	9.410	-	9.410	-	3.230	2	50	3.034	0.896	5.930	5.724	3.480
Danbury Water Dept- Hawthorne Terrace Assoc	156	75	0.012	-	-	-	0.012	-	0.012	0.040	-	0.040	-	0.028	2	73	0.011	-	0.011	0.011	0.029
Danbury Water Dept-Ridgeview Gardens	116	75	0.009	-	-	-	0.009	-	0.009	0.012	-	0.012	-	0.003	2	73	0.008	-	0.008	0.008	0.003
Devereux Glenholme School - Main Campus	245	100	0.025	-	-	-	0.025	-	0.025	0.028	-	0.028	-	0.004	2	98	0.024	-	0.024	0.024	0.004
Dodge Farm	42	36	0.002	-	-	-	0.002	-	0.002	0.028	-	0.028	-	0.027	-	36	0.002	-	0.002	0.002	0.027
Eldridge Elderly Housing	40	75	0.003	-	-	-	0.003	-	0.003	0.005	-	0.005	-	0.002	2	73	0.003	-	0.003	0.003	0.002
Elmwood Court LLC	54	75	0.004	-	-	-	0.004	-	0.004	0.018	-	0.018	-	0.014	2	73	0.004	-	0.004	0.004	0.014
Fairfield Hills	783	157	0.123	0.069	0.017	8.2%	0.208	-	0.208	0.666	-	0.666	-	0.458	2	155	0.121	0.017	0.207	0.207	0.460
Farmington Line West Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.002	-	0.002	-	(0.002)	2	73	0.004	-	0.004	0.004	(0.002)
Fernwood Rest Home	107	28	0.003	-	-	-	0.003	-	0.003	0.028	-	0.028	-	0.025	-	28	0.003	-	0.003	0.003	0.025
Foxridge Apartments-Well 1	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Foxridge Apartments-Well 2	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Garden Lane Apartments	40	75	0.003	-	-	-	0.003	-	0.003	0.017	-	0.017	-	0.014	2	73	0.003	-	0.003	0.003	0.014

Appended Table 2: 5-Year (2023) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2023 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2023 Residential Demand	2023 Non-Residential Demand	2023 Unaccounted-for Water	Percent Unaccounted-for Water	2023 Total ADD	2023 Water Sold to Other Utilities	2023 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2023 Residential Demand with Water Conservation	2023 Unaccounted-for Water with Water Conservation	2023 Total ADD with Water Conservation	2023 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Gunnery School	300	75	0.023	-	-	-	0.023	-	0.023	0.050	-	0.050	-	0.028	2	73	0.022	-	0.022	0.022	0.028
Harmony Acres Mobile Home Park	465	75	0.035	-	-	-	0.035	-	0.035	0.040	-	0.040	-	0.005	2	73	0.034	-	0.034	0.034	0.006
Heritage Hill Condominium Assn, Inc	120	75	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	2	73	0.009	-	0.009	0.009	0.024
Heritage Water Company	10,249	62	0.632	0.517	0.083	6.7%	1.233	0.041	1.192	2.040	0.500	2.540	-	1.307	2	60	0.612	0.083	1.212	1.171	1.328
Holly House Apartments	75	75	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	2	73	0.005	-	0.005	0.005	0.045
Idleview Mobile Home Park	138	30	0.004	-	-	-	0.004	-	0.004	0.005	-	0.005	-	0.001	-	30	0.004	-	0.004	0.004	0.001
Interlaken Water Company	64	75	0.005	-	-	-	0.005	-	0.005	0.022	-	0.022	-	0.017	2	73	0.005	-	0.005	0.005	0.017
Kent School (Maintenance Well)	30	75	0.002	-	-	-	0.002	-	0.002	0.027	-	0.027	-	0.025	2	73	0.002	-	0.002	0.002	0.025
Kent School Corp (Valley Campus)	722	75	0.054	-	-	-	0.054	-	0.054	0.195	-	0.195	-	0.141	2	73	0.053	-	0.053	0.053	0.143
Knollcrest Tax District	356	75	0.027	-	-	-	0.027	-	0.027	0.047	-	0.047	-	0.020	2	73	0.026	-	0.026	0.026	0.021
Kugeman Village	54	75	0.004	-	-	-	0.004	-	0.004	0.022	-	0.022	-	0.018	2	73	0.004	-	0.004	0.004	0.018
Lake Hills Village Condominiums	102	75	0.008	-	-	-	0.008	-	0.008	0.010	-	0.010	-	0.003	2	73	0.007	-	0.007	0.007	0.003
Lake Lillinonah Shores Condos	130	75	0.010	-	-	-	0.010	-	0.010	0.050	-	0.050	-	0.040	2	73	0.009	-	0.009	0.009	0.041
Lake Waubeeka Association	712	75	0.053	-	-	-	0.053	-	0.053	0.281	-	0.281	-	0.227	2	73	0.052	-	0.052	0.052	0.229
Lillinonah Park Estates Homeowners Assn	256	75	0.019	-	-	-	0.019	-	0.019	0.014	-	0.014	-	(0.005)	2	73	0.019	-	0.019	0.019	(0.005)
Litchfield Hill Condos	126	10	0.001	-	-	-	0.001	-	0.001	0.030	-	0.030	-	0.029	-	10	0.001	-	0.001	0.001	0.029
Little Brook Rd Property Owners Assn	64	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	2	73	0.005	-	0.005	0.005	0.001
Masonicare of Newtown	504	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.006	2	73	0.037	-	0.037	0.037	0.007
Meadowbrook Terrace Mobile Home Park	158	75	0.012	-	-	-	0.012	-	0.012	0.019	-	0.019	-	0.008	2	73	0.012	-	0.012	0.012	0.008
Meriden Water Division	50	63	0.003	-	0.001	17.4%	0.004	-	0.004	3.100	0.500	3.600	0.220	3.596	2	61	0.003	0.001	0.004	0.004	3.596
Middlebury Commons	76	75	0.006	-	-	-	0.006	-	0.006	0.027	-	0.027	-	0.021	2	73	0.006	-	0.006	0.006	0.021
New Hartford Water Department	1,430	54	0.077	0.035	0.008	7.0%	0.121	-	0.121	0.378	-	0.378	-	0.257	2	52	0.074	0.008	0.118	0.118	0.260
New Preston Water Co	139	75	0.010	-	-	-	0.010	-	0.010	0.024	-	0.024	-	0.013	2	73	0.010	-	0.010	0.010	0.014
North Purchase Elderly Housing	72	28	0.002	-	-	-	0.002	-	0.002	0.013	-	0.013	-	0.011	-	28	0.002	-	0.002	0.002	0.011
Norwalk First Taxing District	42,587	67	2.853	2.418	0.879	14.3%	6.150	-	6.150	7.750	-	7.750	-	1.600	2	65	2.768	0.879	6.065	6.065	1.685
Oakdale Manor Water Association	40	75	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	2	73	0.003	-	0.003	0.003	0.024
Old Farms Condominium Association Inc	285	75	0.021	-	0.006	22.2%	0.027	-	0.027	0.066	-	0.066	-	0.039	2	73	0.021	0.004	0.025	0.025	0.041
Pine Grove Association,Inc.	248	75	0.019	-	-	-	0.019	-	0.019	0.006	-	0.006	-	(0.012)	2	73	0.018	-	0.018	0.018	(0.012)
Quassuk Heights Condominium Assn	108	75	0.008	-	-	-	0.008	-	0.008	0.009	-	0.009	-	0.001	2	73	0.008	-	0.008	0.008	0.001
Rocktree Apartments	60	30	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	30	0.002	-	0.002	0.002	0.048
Rumsey Hall School	398	75	0.030	-	-	-	0.030	-	0.030	0.021	-	0.021	-	(0.009)	2	73	0.029	-	0.029	0.029	(0.009)
Salisbury School	520	48	0.025	-	-	-	0.025	-	0.025	0.050	-	0.050	-	0.025	-	48	0.025	-	0.025	0.025	0.025
SCCRWA	60,351	52	3.138	3.128	0.696	10.0%	6.963	1.225	5.737	7.600	-	7.600	-	-	2	50	3.018	0.696	6.842	5.617	-
Shady Acres Mobile Home Park	117	79	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	2	77	0.009	-	0.009	0.009	0.023
Sharon Ridge Apartments	62	75	0.005	-	-	-	0.005	-	0.005	0.019	-	0.019	-	0.015	2	73	0.005	-	0.005	0.005	0.015
Sharon Water & Sewer Commission	803	70	0.056	0.098	-	-	0.154	-	0.154	0.205	-	0.205	-	0.051	2	68	0.055	-	0.152	0.152	0.053
Snug Harbor Development Corp	144	42	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	-	42	0.006	-	0.006	0.006	0.044
South Kent School	228	75	0.017	-	-	-	0.017	-	0.017	0.037	-	0.037	-	0.020	2	73	0.017	-	0.017	0.017	0.020
South Norwalk Electric & Water	44,037	66	2.893	2.197	-	-	5.090	0.055	5.035	5.500	-	5.500	-	0.410	2	64	2.805	-	5.002	4.947	0.498
Southbury Training School	300	340	0.102	-	-	-	0.102	-	0.102	0.324	-	0.324	-	0.222	2	338	0.102	-	0.102	0.102	0.222
Southington Water Department	473	75	0.035	0.010	0.006	11.8%	0.052	-	0.052	-	-	-	-	-	2	73	0.035	0.006	0.051	0.051	-
Stony Hill Village Condominium Assn	392	75	0.029	-	-	-	0.029	-	0.029	0.050	-	0.050	-	0.021	2	73	0.029	-	0.029	0.029	0.021
Sunny Valley Tax District	500	75	0.038	-	-	-	0.038	-	0.038	0.050	-	0.050	-	0.013	2	73	0.037	-	0.037	0.037	0.014
Tashua Village Association, Inc.	35	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	2	73	0.003	-	0.003	0.003	0.019
The Marvelwood School	220	75	0.017	-	-	-	0.017	-	0.017	0.017	-	0.017	-	-	2	73	0.016	-	0.016	0.016	0.000
Torrington Water Company	38,788	46	1.784	0.553	0.123	5.0%	2.461	0.131	2.330	5.320	-	5.320	-	2.859	-	46	1.784	0.123	2.461	2.330	2.859
Touchstone N.A.F.I.	43	75	0.003	-	-	-	0.003	-	0.003	0.011	-	0.011	-	0.008	2	73	0.003	-	0.003	0.003	0.008
Town In Country Condominiums - Lower Sys	120	18	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.009	-	18	0.002	-	0.002	0.002	0.009
Town In Country Condominiums - Upper Sys	120	20	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.008	-	20	0.002	-	0.002	0.002	0.008
Village Market Place	25	75	0.002	0.007	-	-	0.008	-	0.008	0.010	-	0.010	-	0.001	2	73	0.002	-	0.008	0.008	0.001
Wallens Hill Apartments	50	75	0.004	-	-	-	0.004	-	0.004	0.010	-	0.010	-	0.006	2	73	0.004	-	0.004	0.004	0.006
Wallingford Water Department	128	52	0.007	-	0.001	12.6%	0.008	-	0.008	-	-	-	-	-	2	50	0.006	0.001	0.007	0.007	-
Waterbury Water Department	110,392	80	8.800	4.645	2.754	17.0%	16.198	1.398	14.800	27.000	-	27.000	-	10.802	2	78	8.579	2.220	15.444	14.046	11.556
Watertown Fire District	6,436	55	0.354	0.104	0.051	10.0%	0.509	0.014	0.495	1.340	-	1.340	-	0.831	2	53	0.341	0.051	0.496	0.482	0.844
Watertown Water & Sewer - Westgate	250	55	0.014	-	-	-	0.014	-	0.014	-	0.045	0.045	0.014	0.031	2	53	0.013	-	0.013	0.013	0.032
Watertown Water & Sewer Authority	10,846	55	0.597	0.503	0.062	5.3%	1.162	-	1.162	-	3.000	3.000	1.162	1.838	2	53	0.575	0.062	1.140	1.140	1.860
West Hill Lake Water Assoc.	312	16	0.005	-	-	-	0.005	-	0.005	0.035	-	0.035	-	0.030	-	16	0.005	-	0.005	0.005	0.030
Weston Water Supply	100	75	0.008	-	-	-	0.008	-	0.008	0.025	-	0.025	-	0.017	2	73	0.007	-	0.007	0.007	0.018

Appended Table 2: 5-Year (2023) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2023 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2023 Residential Demand	2023 Non-Residential Demand	2023 Unaccounted-for Water	Percent Unaccounted-for Water	2023 Total ADD	2023 Water Sold to Other Utilities	2023 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2023 Residential Demand with Water Conservation	2023 Unaccounted-for Water with Water Conservation	2023 Total ADD with Water Conservation	2023 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Westover Water Co	510	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.004	2	73	0.037	-	0.037	0.037	0.005
Whisconier Village Association, Inc.	123	75	0.009	-	-	-	0.009	-	0.009	0.011	-	0.011	-	0.002	2	73	0.009	-	0.009	0.009	0.002
Winsted Water Works	7,945	116	0.920	0.228	0.203	15.0%	1.350	-	1.350	2.980	-	2.980	-	1.630	2	114	0.904	0.203	1.334	1.334	1.646
Wolcott Water Department	2,857	53	0.151	0.046	0.035	15.0%	0.232	-	0.232	-	0.500	0.500	0.232	0.268	2	51	0.146	0.035	0.227	0.227	0.273
Woodbury Knoll, LLC.	258	75	0.019	-	-	-	0.019	-	0.019	0.022	-	0.022	-	0.003	2	73	0.019	-	0.019	0.019	0.003
Woodbury Place Condominium Assn	72	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	2	73	0.005	-	0.005	0.005	0.001
Woodcreek Village Condominium Assn, Inc	72	75	0.005	-	-	-	0.005	-	0.005	0.013	-	0.013	-	0.008	2	73	0.005	-	0.005	0.005	0.008
Woodcrest Association, Inc	60	75	0.005	-	-	-	0.005	-	0.005	0.021	-	0.021	-	0.016	2	73	0.004	-	0.004	0.004	0.016
Woodhall School, Inc	68	37	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.048	-	37	0.003	-	0.003	0.003	0.048
Woodlake Tax District	914	47	0.043	0.005	-	-	0.048	-	0.048	0.140	-	0.140	-	0.092	-	47	0.043	-	0.048	0.048	0.092
TOTAL	**1,172,648**	**67**	**78.810**	**56.047**	**19.726**		**154.583**	**7.205**	**147.378**	**204.834**	**11.353**	**216.187**	**3.234**	**61.034**		**65**	**76.619**	**17.639**	**150.305**	**143.100**	**65.190**

Notes: Transfers from AWC - Main system are used to meet deficits in AWC - Ridgefield system and AWC - Southwestern Fairfield County system (New Canaan, Noroton, & Stamford subsystems)

AWC - Berkshire to consolidate with AWC - Chimney Heights in 5-year planning horizon.

AWC - Brookwood, AWC - Butternut, and AWC - Western Brookfield to consolidate with AWC - Brookfield in 5-year planning horizon.

AWC - Clearview gets all needed water by agreement from Countryside Apartments. Available water is assumed equal to demand.

CTWC - Collinsville System sources are in Canton in Central PWSMA. Available water is assumed equal to demand for Burlington service area.

SCCRWA has majority of its sources in Central PWSMA. Available water is assumed equal to demand for service area in Western PWSMA.

Southington Water Department sources are in Southington in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Available water for The Marvelwood School was not available; assumed equal to demand.

Wallingford Water Division sources are in Wallingford in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Data is summarized from Table B-4 in Appendix B and represents the most current data available from water utilities, WSPs, or DPH records

Available water is for existing sources only and generally does not include future sources planned by a utility or potential reductions in available water

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Water conservation projection calculated by MMI based on system data from Table B-4.

Appended Table 3: 20-Year (2030) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2030 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2030 Residential Demand	2030 Non-Residential Demand	2030 Unaccounted-for Water	Percent Unaccounted-for Water	2030 Total ADD	2030 Water Sold to Other Utilities	2030 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2030 Residential Demand with Water Conservation	2030 Unaccounted-for Water with Water Conservation	2030 Total ADD with Water Conservation	2030 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
27 Maple Drive	38	75	0.003	-	-	-	0.003	-	0.003	0.003	-	0.003	-	0.000	6	69	0.003	-	0.003	0.003	0.001
39 Hop Brook Rd - Apt Complex	36	75	0.003	-	-	-	0.003	-	0.003	0.015	-	0.015	-	0.012	6	69	0.002	-	0.002	0.002	0.013
Aqua Vista Assoc, Inc - Lower System	128	75	0.010	-	-	-	0.010	-	0.010	0.012	-	0.012	-	0.002	6	69	0.009	-	0.009	0.009	0.003
Aqua Vista Assoc, Inc - Upper System	260	75	0.020	-	-	-	0.020	-	0.020	0.024	-	0.024	-	0.004	6	69	0.018	-	0.018	0.018	0.006
Aquarion Water Co of CT - Dunham Pond	251	28	0.007	0.023	0.003	10.0%	0.033	-	0.033	0.043	-	0.043	-	0.010	-	28	0.007	0.003	0.033	0.033	0.010
Aquarion Water Co of CT - West Shore	53	19	0.001	-	0.000	15.0%	0.001	-	0.001	0.001	-	0.001	-	0.000	-	19	0.001	0.000	0.001	0.001	0.000
Aquarion Water Co of CT-Ball Pond Sys	750	60	0.045	0.003	0.005	9.0%	0.052	-	0.052	0.071	-	0.071	-	0.019	6	54	0.040	0.005	0.048	0.048	0.023
Aquarion Water Co of CT-Barnum System	132	91	0.012	-	0.001	10.0%	0.013	-	0.013	-	-	-	0.013	(0.013)	6	85	0.011	0.001	0.013	0.013	(0.013)
Aquarion Water Co of CT-Berkshire Corp	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Brookfield Sys	5,962	62	0.372	0.361	0.100	12.0%	0.833	-	0.833	0.827	-	0.827	-	(0.006)	6	56	0.336	0.100	0.797	0.797	0.030
Aquarion Water Co of CT-Carmen Hill	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Cedar Heights	386	42	0.016	0.002	0.000	2.0%	0.018	-	0.018	0.030	-	0.030	-	0.012	-	42	0.016	0.000	0.018	0.018	0.012
Aquarion Water Co of CT-Chestnut Tree	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Chimney Heights	2,598	58	0.151	0.145	0.040	12.0%	0.336	-	0.336	0.162	0.120	0.282	0.120	(0.054)	6	52	0.135	0.040	0.320	0.320	(0.038)
Aquarion Water Co of CT-Cornwall System	101	49	0.005	0.002	0.000	6.0%	0.007	-	0.007	0.050	-	0.050	-	0.043	-	49	0.005	0.000	0.007	0.007	0.043
Aquarion Water Co of CT-Craigmoor	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Dean Heights Sys	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-East Derby	1,218	75	0.091	0.038	0.014	10.0%	0.144	-	0.144	-	0.150	0.150	0.144	0.006	6	69	0.084	0.014	0.137	0.137	0.013
Aquarion Water Co of CT-Fieldstone Ridge	84	54	0.005	-	0.001	15.0%	0.005	-	0.005	0.019	-	0.019	-	0.014	4	50	0.004	0.001	0.005	0.005	0.014
Aquarion Water Co of CT-Forest Hills Sys	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Greenwich System	57,428	77	4.398	6.504	2.557	19.0%	13.459	4.128	9.331	15.200	-	15.200	-	1.741	6	71	4.053	1.400	11.957	7.829	3.243
Aquarion Water Co of CT-Hawkstone System	187	51	0.010	0.001	0.002	15.3%	0.012	-	0.012	-	0.050	0.050	0.012	0.038	1	50	0.009	0.002	0.012	0.012	0.038
Aquarion Water Co of CT-Hickory Hills	132	61	0.008	-	-	-	0.008	-	0.008	0.024	-	0.024	-	0.016	6	55	0.007	-	0.007	0.007	0.016
Aquarion Water Co of CT-Hollandale Est.	208	45	0.009	0.000	0.000	3.0%	0.010	-	0.010	-	-	-	0.010	(0.010)	-	45	0.009	0.000	0.010	0.010	(0.010)
Aquarion Water Co of CT-Indian Fields	176	67	0.012	-	0.002	15.0%	0.014	-	0.014	0.016	-	0.016	-	0.002	6	61	0.011	0.002	0.013	0.013	0.003
Aquarion Water Co of CT-Judea Depot	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Judea Main (Green)	284	58	0.017	0.009	0.004	13.0%	0.030	-	0.030	0.060	-	0.060	-	0.031	6	52	0.015	0.004	0.028	0.028	0.033
Aquarion Water Co of CT-Ken Oaks	158	45	0.007	0.001	0.001	9.0%	0.008	-	0.008	-	-	-	0.008	(0.008)	-	45	0.007	0.001	0.008	0.008	(0.008)
Aquarion Water Co of CT-Kent System	620	82	0.051	0.020	0.010	12.0%	0.081	-	0.081	0.386	-	0.386	-	0.306	6	76	0.047	0.010	0.077	0.077	0.309
Aquarion Water Co of CT-Lakeside System	486	40	0.020	-	0.005	20.0%	0.025	-	0.025	0.144	-	0.144	-	0.119	-	40	0.020	0.004	0.023	0.023	0.121
Aquarion Water Co of CT-Litchfield Sys	2,275	60	0.137	0.124	0.020	7.0%	0.280	-	0.280	0.166	0.400	0.566	0.131	0.286	6	54	0.123	0.020	0.266	0.266	0.300
Aquarion Water Co of CT-Main System	377,227	69	25.944	25.017	7.953	13.5%	58.914	-	58.914	72.130	-	72.130	-	13.216	6	63	23.681	7.953	56.651	56.651	15.479
Aquarion Water Co of CT-McKeon System	67	90	0.006	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	6	84	0.006	0.001	0.006	0.006	(0.006)
Aquarion Water Co of CT-Meadowbrook	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-New Canaan Sys	10,678	77	0.818	0.631	0.362	20.0%	1.810	-	1.810	0.192	-	0.192	-	(1.618)	6	71	0.754	0.272	1.656	1.656	(1.464)
Aquarion Water Co of CT-New Milford	8,823	46	0.407	0.621	0.160	13.5%	1.188	-	1.188	3.078	-	3.078	-	1.890	-	46	0.407	0.160	1.188	1.188	1.890
Aquarion Water Co of CT-Newtown System	7,548	46	0.349	1.124	0.091	5.8%	1.564	-	1.564	1.143	-	1.143	-	(0.421)	-	46	0.349	0.091	1.564	1.564	(0.421)
Aquarion Water Co of CT-Norfolk System	837	55	0.046	0.016	0.011	15.0%	0.073	-	0.073	0.730	-	0.730	-	0.657	5	50	0.042	0.011	0.069	0.069	0.661
Aquarion Water Co of CT-Noroton System	20,898	77	1.600	1.050	0.169	6.0%	2.820	-	2.820	0.350	-	0.350	0.055	(2.470)	6	71	1.475	0.169	2.694	2.694	(2.344)
Aquarion Water Co of CT-North Canaan Sys	1,495	51	0.076	0.144	0.024	10.0%	0.245	-	0.245	0.610	-	0.610	-	0.365	1	50	0.075	0.024	0.243	0.243	0.367
Aquarion Water Co of CT-Oakwood Acres	284	50	0.014	0.002	0.003	15.0%	0.019	-	0.019	0.029	-	0.029	-	0.011	0	50	0.014	0.003	0.019	0.019	0.011
Aquarion Water Co of CT-Owsc	531	36	0.019	0.001	0.003	12.8%	0.022	-	0.022	0.038	-	0.038	-	0.015	-	36	0.019	0.003	0.022	0.022	0.015
Aquarion Water Co of CT-Owsc Birches	375	44	0.016	0.004	0.003	11.3%	0.023	-	0.023	0.039	-	0.039	-	0.016	-	44	0.016	0.003	0.023	0.023	0.016
Aquarion Water Co of CT-Owsc Brookwood	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Butternut	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Possum Rdge	0	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Park Glen System	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Pearce Manor	139	40	0.006	-	0.001	15.0%	0.007	-	0.007	0.025	-	0.025	-	0.018	-	40	0.006	0.001	0.007	0.007	0.018
Aquarion Water Co of CT-Pleasant View	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Quarry Ridge	85	34	0.003	-	0.001	15.0%	0.003	-	0.003	0.010	-	0.010	-	0.006	-	34	0.003	0.001	0.003	0.003	0.006
Aquarion Water Co of CT-Ridgefield Knoll	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Ridgefield Sys	8,351	86	0.716	0.257	0.111	10.2%	1.084	-	1.084	0.551	-	0.551	-	(0.533)	6	80	0.666	0.111	1.034	1.034	(0.483)
Aquarion Water Co of CT-Rolling Ridge	119	55	0.007	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	5	50	0.006	0.001	0.007	0.007	(0.007)
Aquarion Water Co of CT-Salisbury Sys	1,888	70	0.132	0.126	0.046	15.0%	0.304	-	0.304	0.845	-	0.845	-	0.541	6	64	0.121	0.046	0.293	0.293	0.552
Aquarion Water Co of CT-Scodon	222	51	0.011	-	0.002	15.0%	0.013	-	0.013	0.024	-	0.024	-	0.010	1	50	0.011	0.002	0.013	0.013	0.011
Aquarion Water Co of CT-Stamford	122,150	77	9.354	6.100	1.717	10.0%	17.171	-	17.171	15.629	-	15.629	-	(1.542)	6	71	8.621	1.717	16.438	16.438	(0.809)
Aquarion Water Co of CT-Timber Trails	333	44	0.015	0.000	0.002	13.0%	0.017	-	0.017	0.033	-	0.033	-	0.016	-	44	0.015	0.002	0.017	0.017	0.016
Aquarion Water Co of CT-Tlwc	147	24	0.004	-	0.001	15.0%	0.004	-	0.004	0.022	-	0.022	-	0.017	-	24	0.004	0.001	0.004	0.004	0.017

Appended Table 3: 20-Year (2030) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2030 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2030 Residential Demand	2030 Non-Residential Demand	2030 Unaccounted-for Water	Percent Unaccounted-for Water	2030 Total ADD	2030 Water Sold to Other Utilities	2030 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2030 Residential Demand with Water Conservation	2030 Unaccounted-for Water with Water Conservation	2030 Total ADD with Water Conservation	2030 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Aquarion Water Co of CT-Tlwc Clearview	225	35	0.008	-	-	-	0.008	-	0.008	-	0.008	0.008	0.008	-	-	35	0.008	-	0.008	0.008	-
Aquarion Water Co of CT-Tlwc Indian Sprg	252	52	0.013	0.001	0.001	8.5%	0.015	-	0.015	0.050	-	0.050	-	0.035	2	50	0.013	0.001	0.015	0.015	0.035
Aquarion Water Co of CT-Tlwc Woodrich	78	24	0.002	-	0.000	10.0%	0.002	-	0.002	0.011	-	0.011	-	0.009	-	24	0.002	0.000	0.002	0.002	0.009
Aquarion Water Co of CT-Twin Oaks System	149	42	0.006	-	0.001	15.0%	0.007	-	0.007	0.017	-	0.017	-	0.010	-	42	0.006	0.001	0.007	0.007	0.010
Aquarion Water Co of CT-Valley System	15,779	72	1.140	0.417	0.173	10.0%	1.730	-	1.730	0.890	4.000	4.890	0.980	3.160	6	66	1.045	0.173	1.635	1.635	3.255
Aquarion Water Co of CT-Western Brookfld	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Woodbury System	1,247	53	0.066	0.068	0.009	6.0%	0.143	-	0.143	0.270	-	0.270	-	0.127	3	50	0.062	0.009	0.139	0.139	0.131
Arrow Point Water Co	84	36	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.047	-	36	0.003	-	0.003	0.003	0.047
Arrowhead By The Lake Association, Inc.	288	75	0.022	-	-	-	0.022	-	0.022	0.050	-	0.050	-	0.028	6	69	0.020	-	0.020	0.020	0.030
Arrowhead Point Homeowners Assn Inc.	296	75	0.022	-	-	-	0.022	-	0.022	0.022	-	0.022	-	(0.001)	6	69	0.020	-	0.020	0.020	0.001
Bantam Village	96	75	0.007	-	-	-	0.007	-	0.007	0.008	-	0.008	-	0.001	6	69	0.007	-	0.007	0.007	0.002
Bee Brook Crossing Condominiums	120	75	0.009	-	-	-	0.009	-	0.009	0.043	-	0.043	-	0.034	6	69	0.008	-	0.008	0.008	0.035
Bernhardt Meadow	36	75	0.003	-	-	-	0.003	-	0.003	0.039	-	0.039	-	0.036	6	69	0.002	-	0.002	0.002	0.036
Bethel Water Dept	9,908	59	0.586	0.246	0.153	15.5%	0.985	-	0.985	1.360	-	1.360	-	0.375	6	53	0.526	0.148	0.920	0.920	0.440
Birch Groves Association, Inc	300	36	0.011	-	-	-	0.011	-	0.011	0.050	-	0.050	-	0.039	-	36	0.011	-	0.011	0.011	0.039
Breezy Knoll Association	100	30	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	-	30	0.003	-	0.003	0.003	0.024
Bridgewater Commons Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.037	-	0.037	-	0.033	6	69	0.004	-	0.004	0.004	0.033
Bristol Water Department	58,490	68	3.980	1.471	0.269	4.7%	5.720	-	5.720	6.870	0.500	7.370	0.233	1.650	6	62	3.629	0.269	5.369	5.369	2.001
Brookfield Hills Condominium Unit Owners	144	75	0.011	-	-	-	0.011	-	0.011	0.033	-	0.033	-	0.023	6	69	0.010	-	0.010	0.010	0.024
Brookfield Housing Authority	37	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	6	69	0.003	-	0.003	0.003	0.019
Brookview Water Company	55	75	0.004	-	-	-	0.004	-	0.004	0.011	-	0.011	-	0.007	6	69	0.004	-	0.004	0.004	0.007
Brookwoods II	120	75	0.009	-	-	-	0.009	-	0.009	0.026	-	0.026	-	0.017	6	69	0.008	-	0.008	0.008	0.018
Brunswick Middle School	567	6	0.004	-	-	-	0.004	-	0.004	0.015	-	0.015	-	0.011	-	6	0.004	-	0.004	0.004	0.011
Canaan Water Dept	488	52	0.026	0.011	-	-	0.037	-	0.037	0.029	-	0.029	-	(0.008)	2	50	0.024	-	0.035	0.035	(0.007)
Candle Hill Mobile Home Park	233	75	0.017	-	-	-	0.017	-	0.017	0.030	-	0.030	-	0.013	6	69	0.016	-	0.016	0.016	0.014
Candlewood Knolls Water Authority	524	75	0.039	-	-	-	0.039	-	0.039	0.043	-	0.043	-	0.004	6	69	0.036	-	0.036	0.036	0.007
Candlewood Orchards Property Owners Corp	144	30	0.004	-	-	-	0.004	-	0.004	0.040	-	0.040	-	0.036	-	30	0.004	-	0.004	0.004	0.036
Candlewood Park Inc	500	71	0.036	-	-	-	0.036	-	0.036	0.031	-	0.031	0.004	(0.004)	6	65	0.033	-	0.033	0.033	(0.001)
Candlewood Shores Tax District	1,348	53	0.071	-	0.001	1.0%	0.072	-	0.072	0.132	-	0.132	-	0.060	3	50	0.067	0.001	0.068	0.068	0.064
Candlewood Springs Property Owners Assn	148	75	0.011	-	-	-	0.011	-	0.011	0.019	-	0.019	-	0.008	6	69	0.010	-	0.010	0.010	0.009
Candlewood Trails Association, Inc.	312	48	0.015	-	-	-	0.015	-	0.015	0.050	-	0.050	-	0.035	-	48	0.015	-	0.015	0.015	0.035
Cedar Terrace Prop Owners Assn	66	75	0.005	-	0.001	13.0%	0.006	-	0.006	0.019	-	0.019	-	0.014	6	69	0.005	0.001	0.005	0.005	0.014
Cedarhurst Association	72	14	0.001	-	-	-	0.001	-	0.001	0.014	-	0.014	-	0.013	-	14	0.001	-	0.001	0.001	0.013
Chatfield Hill Assn., Inc.	68	29	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	29	0.002	-	0.002	0.002	0.048
Chippanydale Association	52	20	0.001	-	-	-	0.001	-	0.001	0.007	-	0.007	-	0.006	-	20	0.001	-	0.001	0.001	0.006
CLC Owners Corporation	1,472	75	0.110	-	-	-	0.110	-	0.110	0.289	-	0.289	-	0.179	6	69	0.102	-	0.102	0.102	0.188
Cornell Hills Assoc, Inc	108	75	0.008	-	-	-	0.008	-	0.008	0.050	-	0.050	-	0.042	6	69	0.007	-	0.007	0.007	0.043
Cornwall Water Company	48	75	0.004	-	-	-	0.004	-	0.004	0.004	-	0.004	-	0.001	6	69	0.003	-	0.003	0.003	0.001
Countryside Apartments	218	75	0.016	-	-	-	0.016	0.008	0.009	0.033	-	0.033	-	0.017	6	69	0.015	-	0.015	0.007	0.018
Crestview Condominium Association	84	75	0.006	-	-	-	0.006	-	0.006	0.007	-	0.007	-	0.001	6	69	0.006	-	0.006	0.006	0.001
CTWC - Naugatuck Reg - Hillcrest	120	35	0.004	-	-	-	0.004	-	0.004	-	0.030	0.030	0.004	0.026	-	35	0.004	-	0.004	0.004	0.026
CTWC - Naugatuck Reg-Collinsville Sys	120	70	0.008	0.000	0.000	1.1%	0.009	-	0.009	-	-	-	-	-	6	64	0.008	0.000	0.008	0.008	-
CTWC - Naugatuck Region-Central System	32,038	54	1.730	0.435	0.324	13.0%	2.489	-	2.489	4.280	0.300	4.580	-	2.091	4	50	1.602	0.324	2.360	2.360	2.220
CTWC - Naugatuck Reg-Terryville System	6,334	54	0.342	0.075	0.031	7.0%	0.448	-	0.448	0.718	0.600	1.318	-	0.870	4	50	0.317	0.031	0.423	0.423	0.895
CTWC - Naugatuck Reg-Thomaston System	4,091	51	0.208	0.153	0.040	10.0%	0.401	-	0.401	0.609	0.650	1.259	-	0.858	1	50	0.205	0.040	0.398	0.398	0.861
Danbury Water Department	68,263	52	3.520	2.050	1.140	17.0%	6.710	0.205	6.505	8.580	-	8.580	-	1.870	2	50	3.413	0.976	6.439	6.233	2.141
Danbury Water Dept- Hawthorne Terrace Assoc	156	75	0.012	-	-	-	0.012	-	0.012	0.040	-	0.040	-	0.028	6	69	0.011	-	0.011	0.011	0.029
Danbury Water Dept-Ridgeview Gardens	116	75	0.009	-	-	-	0.009	-	0.009	0.012	-	0.012	-	0.003	6	69	0.008	-	0.008	0.008	0.004
Devereux Glenholme School - Main Campus	245	100	0.025	-	-	-	0.025	-	0.025	0.028	-	0.028	-	0.004	6	94	0.023	-	0.023	0.023	0.005
Dodge Farm	42	36	0.002	-	-	-	0.002	-	0.002	0.028	-	0.028	-	0.027	-	36	0.002	-	0.002	0.002	0.027
Eldridge Elderly Housing	40	75	0.003	-	-	-	0.003	-	0.003	0.005	-	0.005	-	0.002	6	69	0.003	-	0.003	0.003	0.002
Elmwood Court LLC	54	75	0.004	-	-	-	0.004	-	0.004	0.018	-	0.018	-	0.014	6	69	0.004	-	0.004	0.004	0.015
Fairfield Hills	933	157	0.146	0.069	0.019	8.2%	0.234	-	0.234	0.666	-	0.666	-	0.433	6	151	0.140	0.019	0.228	0.228	0.438
Farmington Line West Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.002	-	0.002	-	(0.002)	6	69	0.004	-	0.004	0.004	(0.001)
Fernwood Rest Home	107	28	0.003	-	-	-	0.003	-	0.003	0.028	-	0.028	-	0.025	-	28	0.003	-	0.003	0.003	0.025
Foxridge Apartments-Well 1	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Foxridge Apartments-Well 2	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Garden Lane Apartments	40	75	0.003	-	-	-	0.003	-	0.003	0.017	-	0.017	-	0.014	6	69	0.003	-	0.003	0.003	0.015

Appended Table 3: 20-Year (2030) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2030 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2030 Residential Demand	2030 Non-Residential Demand	2030 Unaccounted-for Water	Percent Unaccounted-for Water	2030 Total ADD	2030 Water Sold to Other Utilities	2030 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2030 Residential Demand with Water Conservation	2030 Unaccounted-for Water with Water Conservation	2030 Total ADD with Water Conservation	2030 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Gunnery School	300	75	0.023	-	-	-	0.023	-	0.023	0.050	-	0.050	-	0.028	6	69	0.021	-	0.021	0.021	0.029
Harmony Acres Mobile Home Park	465	75	0.035	-	-	-	0.035	-	0.035	0.040	-	0.040	-	0.005	6	69	0.032	-	0.032	0.032	0.008
Heritage Hill Condominium Assn, Inc	120	75	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	6	69	0.008	-	0.008	0.008	0.024
Heritage Water Company	11,180	59	0.655	0.592	0.125	9.1%	1.373	0.041	1.332	2.040	0.500	2.540	-	1.167	6	53	0.588	0.125	1.306	1.265	1.234
Holly House Apartments	75	75	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	6	69	0.005	-	0.005	0.005	0.045
Idleview Mobile Home Park	138	30	0.004	-	-	-	0.004	-	0.004	0.005	-	0.005	-	0.001	-	30	0.004	-	0.004	0.004	0.001
Interlaken Water Company	64	75	0.005	-	-	-	0.005	-	0.005	0.022	-	0.022	-	0.017	6	69	0.004	-	0.004	0.004	0.017
Kent School (Maintenance Well)	30	75	0.002	-	-	-	0.002	-	0.002	0.027	-	0.027	-	0.025	6	69	0.002	-	0.002	0.002	0.025
Kent School Corp (Valley Campus)	722	75	0.054	-	-	-	0.054	-	0.054	0.195	-	0.195	-	0.141	6	69	0.050	-	0.050	0.050	0.146
Knollcrest Tax District	356	75	0.027	-	-	-	0.027	-	0.027	0.047	-	0.047	-	0.020	6	69	0.025	-	0.025	0.025	0.023
Kugeman Village	54	75	0.004	-	-	-	0.004	-	0.004	0.022	-	0.022	-	0.018	6	69	0.004	-	0.004	0.004	0.018
Lake Hills Village Condominiums	102	75	0.008	-	-	-	0.008	-	0.008	0.010	-	0.010	-	0.003	6	69	0.007	-	0.007	0.007	0.003
Lake Lillinonah Shores Condos	130	75	0.010	-	-	-	0.010	-	0.010	0.050	-	0.050	-	0.040	6	69	0.009	-	0.009	0.009	0.041
Lake Waubeeka Association	712	75	0.053	-	-	-	0.053	-	0.053	0.281	-	0.281	-	0.227	6	69	0.049	-	0.049	0.049	0.232
Lillinonah Park Estates Homeowners Assn	256	75	0.019	-	-	-	0.019	-	0.019	0.014	-	0.014	-	(0.005)	6	69	0.018	-	0.018	0.018	(0.004)
Litchfield Hill Condos	126	10	0.001	-	-	-	0.001	-	0.001	0.030	-	0.030	-	0.029	-	10	0.001	-	0.001	0.001	0.029
Little Brook Rd Property Owners Assn	64	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	6	69	0.004	-	0.004	0.004	0.001
Masonicare of Newtown	504	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.006	6	69	0.035	-	0.035	0.035	0.009
Meadowbrook Terrace Mobile Home Park	158	75	0.012	-	-	-	0.012	-	0.012	0.019	-	0.019	-	0.008	6	69	0.011	-	0.011	0.011	0.009
Meriden Water Division	50	63	0.003	-	0.001	17.4%	0.004	-	0.004	3.100	0.500	3.600	0.220	3.596	6	57	0.003	0.001	0.003	0.003	3.597
Middlebury Commons	76	75	0.006	-	-	-	0.006	-	0.006	0.027	-	0.027	-	0.021	6	69	0.005	-	0.005	0.005	0.022
New Hartford Water Department	1,624	54	0.088	0.038	0.009	7.0%	0.135	-	0.135	0.378	-	0.378	-	0.243	4	50	0.081	0.009	0.129	0.129	0.249
New Preston Water Co	139	75	0.010	-	-	-	0.010	-	0.010	0.024	-	0.024	-	0.013	6	69	0.010	-	0.010	0.010	0.014
North Purchase Elderly Housing	72	28	0.002	-	-	-	0.002	-	0.002	0.013	-	0.013	-	0.011	-	28	0.002	-	0.002	0.002	0.011
Norwalk First Taxing District	46,031	67	3.084	2.607	0.949	14.3%	6.640	-	6.640	7.750	-	7.750	-	1.110	6	61	2.808	0.949	6.363	6.363	1.387
Oakdale Manor Water Association	40	75	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	6	69	0.003	-	0.003	0.003	0.024
Old Farms Condominium Association Inc	285	75	0.021	-	0.006	22.2%	0.027	-	0.027	0.066	-	0.066	-	0.039	6	69	0.020	0.004	0.024	0.024	0.043
Pine Grove Association,Inc.	248	75	0.019	-	-	-	0.019	-	0.019	0.006	-	0.006	-	(0.012)	6	69	0.017	-	0.017	0.017	(0.011)
Quassuk Heights Condominium Assn	108	75	0.008	-	-	-	0.008	-	0.008	0.009	-	0.009	-	0.001	6	69	0.007	-	0.007	0.007	0.002
Rocktree Apartments	60	30	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	30	0.002	-	0.002	0.002	0.048
Rumsey Hall School	398	75	0.030	-	-	-	0.030	-	0.030	0.021	-	0.021	-	(0.009)	6	69	0.027	-	0.027	0.027	(0.007)
Salisbury School	520	48	0.025	-	-	-	0.025	-	0.025	0.050	-	0.050	-	0.025	-	48	0.025	-	0.025	0.025	0.025
SCCRWA	63,571	52	3.306	3.041	0.705	10.0%	7.052	1.356	5.696	7.600	-	7.600	-	-	2	50	3.179	0.705	6.925	5.568	-
Shady Acres Mobile Home Park	117	79	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	6	73	0.009	-	0.009	0.009	0.024
Sharon Ridge Apartments	62	75	0.005	-	-	-	0.005	-	0.005	0.019	-	0.019	-	0.015	6	69	0.004	-	0.004	0.004	0.015
Sharon Water & Sewer Commission	803	70	0.056	0.086	-	-	0.142	-	0.142	0.205	-	0.205	-	0.063	6	64	0.051	-	0.138	0.138	0.067
Snug Harbor Development Corp	144	42	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	-	42	0.006	-	0.006	0.006	0.044
South Kent School	228	75	0.017	-	-	-	0.017	-	0.017	0.037	-	0.037	-	0.020	6	69	0.016	-	0.016	0.016	0.021
South Norwalk Electric & Water	45,578	66	2.995	2.205	-	-	5.200	0.055	5.145	5.500	-	5.500	-	0.300	6	60	2.722	-	4.927	4.872	0.573
Southbury Training School	300	340	0.102	-	-	-	0.102	-	0.102	0.324	-	0.324	-	0.222	6	334	0.100	-	0.100	0.100	0.224
Southington Water Department	473	75	0.035	0.010	0.006	11.8%	0.052	-	0.052	-	-	-	-	-	6	69	0.033	0.006	0.049	0.049	-
Stony Hill Village Condominium Assn	392	75	0.029	-	-	-	0.029	-	0.029	0.050	-	0.050	-	0.021	6	69	0.027	-	0.027	0.027	0.023
Sunny Valley Tax District	500	75	0.038	-	-	-	0.038	-	0.038	0.050	-	0.050	-	0.013	6	69	0.035	-	0.035	0.035	0.016
Tashua Village Association, Inc.	35	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	6	69	0.002	-	0.002	0.002	0.019
The Marvelwood School	220	75	0.017	-	-	-	0.017	-	0.017	0.017	-	0.017	-	-	6	69	0.015	-	0.015	0.015	-
Torrington Water Company	47,719	46	2.195	0.680	0.152	5.0%	3.027	0.131	2.895	5.320	-	5.320	-	2.293	-	46	2.195	0.152	3.027	2.895	2.293
Touchstone N.A.F.I.	43	75	0.003	-	-	-	0.003	-	0.003	0.011	-	0.011	-	0.008	6	69	0.003	-	0.003	0.003	0.008
Town In Country Condominiums - Lower Sys	120	18	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.009	-	18	0.002	-	0.002	0.002	0.009
Town In Country Condominiums - Upper Sys	120	20	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.008	-	20	0.002	-	0.002	0.002	0.008
Village Market Place	25	75	0.002	0.007	-	-	0.008	-	0.008	0.010	-	0.010	-	0.001	6	69	0.002	-	0.008	0.008	0.001
Wallens Hill Apartments	50	75	0.004	-	-	-	0.004	-	0.004	0.010	-	0.010	-	0.006	6	69	0.003	-	0.003	0.003	0.006
Wallingford Water Department	128	52	0.007	-	0.001	12.6%	0.008	-	0.008	-	-	-	-	-	2	50	0.006	0.001	0.007	0.007	-
Waterbury Water Department	110,700	80	8.900	5.141	1.915	12.0%	15.955	1.655	14.300	27.000	-	27.000	-	11.045	6	74	8.236	1.915	15.291	13.636	11.709
Watertown Fire District	6,909	55	0.380	0.110	0.055	10.1%	0.545	0.025	0.520	1.340	-	1.340	-	0.795	5	50	0.345	0.055	0.510	0.486	0.830
Watertown Water & Sewer - Westgate	450	55	0.025	-	-	-	0.025	-	0.025	-	0.045	0.045	0.025	0.020	5	50	0.023	-	0.023	0.023	0.023
Watertown Water & Sewer Authority	13,612	55	0.749	0.513	0.063	4.7%	1.324	-	1.324	-	3.000	3.000	1.324	1.676	5	50	0.681	0.063	1.256	1.256	1.744
West Hill Lake Water Assoc.	312	16	0.005	-	-	-	0.005	-	0.005	0.035	-	0.035	-	0.030	-	16	0.005	-	0.005	0.005	0.030
Weston Water Supply	100	75	0.008	-	-	-	0.008	-	0.008	0.025	-	0.025	-	0.017	6	69	0.007	-	0.007	0.007	0.018

Appended Table 3: 20-Year (2030) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2030 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2030 Residential Demand	2030 Non-Residential Demand	2030 Unaccounted-for Water	Percent Unaccounted-for Water	2030 Total ADD	2030 Water Sold to Other Utilities	2030 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2030 Residential Demand with Water Conservation	2030 Unaccounted-for Water with Water Conservation	2030 Total ADD with Water Conservation	2030 System ADD with Water Conservation	Available Water Surplus / Deficit for Total ADD with Water Conservation
Westover Water Co	510	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.004	6	69	0.035	-	0.035	0.035	0.007
Whisconier Village Association, Inc.	123	75	0.009	-	-	-	0.009	-	0.009	0.011	-	0.011	-	0.002	6	69	0.008	-	0.008	0.008	0.002
Winsted Water Works	8,777	121	1.060	0.258	0.233	15.0%	1.550	-	1.550	2.980	-	2.980	-	1.430	6	115	1.007	0.233	1.497	1.497	1.483
Wolcott Water Department	4,199	55	0.232	0.046	0.049	15.0%	0.327	-	0.327	-	0.500	0.500	0.327	0.173	5	50	0.210	0.049	0.305	0.305	0.195
Woodbury Knoll, LLC.	258	75	0.019	-	-	-	0.019	-	0.019	0.022	-	0.022	-	0.003	6	69	0.018	-	0.018	0.018	0.004
Woodbury Place Condominium Assn	72	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	6	69	0.005	-	0.005	0.005	0.001
Woodcreek Village Condominium Assn, Inc	72	75	0.005	-	-	-	0.005	-	0.005	0.013	-	0.013	-	0.008	6	69	0.005	-	0.005	0.005	0.008
Woodcrest Association, Inc	60	75	0.005	-	-	-	0.005	-	0.005	0.021	-	0.021	-	0.016	6	69	0.004	-	0.004	0.004	0.016
Woodhall School, Inc	68	37	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.048	-	37	0.003	-	0.003	0.003	0.048
Woodlake Tax District	914	47	0.043	0.005	-	-	0.048	-	0.048	0.140	-	0.140	-	0.092	-	47	0.043	-	0.048	0.048	0.092
TOTAL	**1,216,227**	**67**	**81.847**	**62.659**	**19.857**		**164.363**	**7.604**	**156.759**	**204.036**	**11.353**	**215.388**	**3.633**	**50.545**		**62**	**75.691**	**18.436**	**156.786**	**149.182**	**57.989**

Notes: Transfers from AWC - Main system are used to meet deficits in AWC - Ridgefield system and AWC - Southwestern Fairfield County system (New Canaan, Noroton, & Stamford subsystems)

Water conservation projection calculated by MMI based on system data from Table B-5.

AWC - Berkshire to consolidate with AWC - Chimney Heights in 5-year planning horizon.

AWC - Brookwood, AWC - Butternut, and AWC - Western Brookfield to consolidate with AWC - Brookfield in 5-year planning horizon.

AWC - Carmen Hill, AWC - Dean Heights, AWC - Forest Hills, AWC - Meadowbrook, AWC - Park Glen, and AWC - Pleasant View to consolidate with AWC - New Milford in 20-year planning horizon.

AWC - Chestnut Tree Hill to consolidate with AWC - Newtown in 20-year planning horizon.

AWC - Clearview gets all needed water by agreement from Countryside Apartments. Available water is assumed equal to demand.

AWC - Craigmoor and AWC - Ridgefield Knolls to consolidate with AWC - Ridgefield in 20-year planning horizon.

AWC - Judea Depot to consolidate with AWC - Judea Main (Green) in 20-year planning horizon.

AWC - Possum Ridge to consolidate with AWC - Birches in 20-year planning horizon.

CTWC - Collinsville System sources are in Canton in Central PWSMA. Available water is assumed equal to demand for Burlington service area.

SCCRWA has majority of its sources in Central PWSMA. Available water is assumed equal to demand for service area in Western PWSMA.

Southington Water Department sources are in Southington in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Available water for The Marvelwood School was not available; assumed equal to demand.

Wallingford Water Division sources are in Wallingford in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Data is summarized from Table B-5 in Appendix B and represents the most current data available from water utilities, WSPs, or DPH records

Available water is for existing sources only and generally does not include future sources planned by a utility or potential reductions in available water

Surpluses and deficits shown at a MOS of 1.0 (i.e., no additional water set aside).

Appended Table 4: 50-Year (2060) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2060 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2060 Residential Demand	2060 Non-Residential Demand	2060 Unaccounted-for Water	Percent Unaccounted-for Water	2060 Total ADD	2060 Water Sold to Other Utilities	2060 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2060 Residential Demand with Water Conservation	2060 Unaccounted-for Water with Water Conservation	2060 Total ADD with Water Conservation	2060 System ADD with Water Conservation	Available Water Surplus or Deficit for Total ADD with Water Conservation
27 Maple Drive	38	75	0.003	-	-	-	0.003	-	0.003	0.003	-	0.003	-	0.000	10	65	0.002	-	0.002	0.002	0.001
39 Hop Brook Rd - Apt Complex	36	75	0.003	-	-	-	0.003	-	0.003	0.015	-	0.015	-	0.012	10	65	0.002	-	0.002	0.002	0.013
Aqua Vista Assoc, Inc - Lower System	128	75	0.010	-	-	-	0.010	-	0.010	0.012	-	0.012	-	0.002	10	65	0.008	-	0.008	0.008	0.004
Aqua Vista Assoc, Inc - Upper System	260	75	0.020	-	-	-	0.020	-	0.020	0.024	-	0.024	-	0.004	10	65	0.017	-	0.017	0.017	0.007
Aquarion Water Co of CT - Dunham Pond	251	28	0.007	0.023	0.003	10.0%	0.033	-	0.033	0.043	-	0.043	-	0.010	-	28	0.007	0.003	0.033	0.033	0.010
Aquarion Water Co of CT - West Shore	53	19	0.001	-	0.000	15.0%	0.001	-	0.001	0.001	-	0.001	-	0.000	-	19	0.001	0.000	0.001	0.001	0.000
Aquarion Water Co of CT-Ball Pond Sys	975	60	0.059	0.004	0.006	9.0%	0.068	-	0.068	0.071	-	0.071	-	0.003	10	50	0.049	0.006	0.059	0.059	0.013
Aquarion Water Co of CT-Barnum System	132	91	0.012	-	0.001	10.0%	0.013	-	0.013	-	-	-	0.013	(0.013)	10	81	0.011	0.001	0.012	0.012	(0.012)
Aquarion Water Co of CT-Berkshire Corp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Brookfield Sys	6,112	63	0.384	0.370	0.103	12.0%	0.857	-	0.857	0.827	-	0.827	-	(0.030)	10	53	0.323	0.103	0.796	0.796	0.031
Aquarion Water Co of CT-Carmen Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Cedar Heights	426	42	0.018	0.003	0.000	2.0%	0.021	-	0.021	0.030	-	0.030	-	0.009	-	42	0.018	0.000	0.021	0.021	0.009
Aquarion Water Co of CT-Chestnut Tree	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Chimney Heights	2,598	58	0.151	0.148	0.041	12.0%	0.340	-	0.340	0.162	0.120	0.282	0.120	(0.058)	8	50	0.130	0.041	0.319	0.319	(0.037)
Aquarion Water Co of CT-Cornwall System	101	49	0.005	0.002	0.000	6.3%	0.007	-	0.007	0.050	-	0.050	-	0.043	-	49	0.005	0.000	0.007	0.007	0.043
Aquarion Water Co of CT-Craigmoor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Dean Heights Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-East Derby	1,218	75	0.091	0.038	0.014	10.0%	0.144	-	0.144	-	0.150	0.150	0.144	0.006	10	65	0.079	0.014	0.132	0.132	0.018
Aquarion Water Co of CT-Fieldstone Ridge	84	54	0.005	-	0.001	15.0%	0.005	-	0.005	0.019	-	0.019	-	0.014	4	50	0.004	0.001	0.005	0.005	0.014
Aquarion Water Co of CT-Forest Hills Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Greenwich System	58,977	76	4.469	6.514	2.576	19.0%	13.560	4.128	9.432	15.200	-	15.200	-	1.640	10	66	3.880	1.415	11.808	7.681	3.392
Aquarion Water Co of CT-Hawkstone System	214	49	0.010	0.001	0.002	14.4%	0.013	-	0.013	-	0.050	0.050	0.013	0.037	-	49	0.010	0.002	0.013	0.013	0.037
Aquarion Water Co of CT-Hickory Hills	132	61	0.008	-	-	-	0.008	-	0.008	0.024	-	0.024	-	0.016	10	51	0.007	-	0.007	0.007	0.017
Aquarion Water Co of CT-Hollandale Est.	208	45	0.009	0.000	0.000	3.0%	0.010	-	0.010	-	-	-	0.010	(0.010)	-	45	0.009	0.000	0.010	0.010	(0.010)
Aquarion Water Co of CT-Indian Fields	176	67	0.012	-	0.002	15.0%	0.014	-	0.014	0.016	-	0.016	-	0.002	10	57	0.010	0.002	0.012	0.012	0.004
Aquarion Water Co of CT-Judea Depot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Judea Main (Green)	291	58	0.017	0.009	0.004	13.0%	0.030	-	0.030	0.060	-	0.060	-	0.030	8	50	0.015	0.004	0.028	0.028	0.033
Aquarion Water Co of CT-Ken Oaks	158	45	0.007	0.001	0.001	9.0%	0.008	-	0.008	-	-	-	0.008	(0.008)	-	45	0.007	0.001	0.008	0.008	(0.008)
Aquarion Water Co of CT-Kent System	620	82	0.051	0.020	0.010	12.0%	0.081	-	0.081	0.386	-	0.386	-	0.306	10	72	0.045	0.010	0.074	0.074	0.312
Aquarion Water Co of CT-Lakeside System	486	40	0.020	-	0.003	15.0%	0.023	-	0.023	0.144	-	0.144	-	0.121	-	40	0.020	0.003	0.023	0.023	0.121
Aquarion Water Co of CT-Litchfield Sys	2,275	60	0.137	0.124	0.020	7.0%	0.280	-	0.280	0.166	0.400	0.566	0.131	0.286	10	50	0.114	0.020	0.257	0.257	0.309
Aquarion Water Co of CT-Main System	399,275	69	27.527	26.664	8.458	13.5%	62.649	-	62.649	72.130	-	72.130	-	9.481	10	59	23.535	8.458	58.656	58.656	13.474
Aquarion Water Co of CT-McKeon System	67	90	0.006	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	10	80	0.005	0.001	0.006	0.006	(0.006)
Aquarion Water Co of CT-Meadowbrook	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-New Canaan Sys	11,583	76	0.878	0.650	0.382	20.0%	1.910	-	1.910	0.192	-	0.192	-	(1.718)	10	66	0.762	0.286	1.698	1.698	(1.506)
Aquarion Water Co of CT-New Milford	9,056	46	0.418	0.622	0.162	13.5%	1.201	-	1.201	3.078	-	3.078	-	1.877	-	46	0.418	0.162	1.201	1.201	1.877
Aquarion Water Co of CT-Newtown System	7,682	46	0.355	1.285	0.093	5.4%	1.733	-	1.733	1.143	-	1.143	-	(0.590)	-	46	0.355	0.093	1.733	1.733	(0.590)
Aquarion Water Co of CT-Norfolk System	837	55	0.046	0.016	0.011	15.0%	0.073	-	0.073	0.730	-	0.730	-	0.657	5	50	0.042	0.011	0.069	0.069	0.661
Aquarion Water Co of CT-Noroton System	22,485	76	1.704	1.100	0.179	6.0%	2.983	-	2.983	0.350	-	0.350	0.055	(2.633)	10	66	1.479	0.179	2.758	2.758	(2.408)
Aquarion Water Co of CT-North Canaan Sys	1,495	51	0.076	0.144	0.024	10.0%	0.245	-	0.245	0.610	-	0.610	-	0.365	1	50	0.075	0.024	0.243	0.243	0.367
Aquarion Water Co of CT-Oakwood Acres	284	50	0.014	0.002	0.003	15.0%	0.019	-	0.019	0.029	-	0.029	-	0.011	0	50	0.014	0.003	0.019	0.019	0.011
Aquarion Water Co of CT-Owsc	602	36	0.022	0.001	0.002	10.1%	0.025	-	0.025	0.038	-	0.038	-	0.013	-	36	0.022	0.002	0.025	0.025	0.013
Aquarion Water Co of CT-Owsc Birches	384	44	0.017	0.004	0.003	11.5%	0.023	-	0.023	0.039	-	0.039	-	0.015	-	44	0.017	0.003	0.023	0.023	0.015
Aquarion Water Co of CT-Owsc Brookwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Butternut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Owsc Possum Rdge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Park Glen System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Pearce Manor	139	40	0.006	-	0.001	15.0%	0.007	-	0.007	0.025	-	0.025	-	0.018	-	40	0.006	0.001	0.007	0.007	0.018
Aquarion Water Co of CT-Pleasant View	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Quarry Ridge	85	34	0.003	-	0.001	15.0%	0.003	-	0.003	0.010	-	0.010	-	0.006	-	34	0.003	0.001	0.003	0.003	0.006
Aquarion Water Co of CT-Ridgefield Knoll	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Ridgefield Sys	8,644	85	0.733	0.255	0.113	10.3%	1.101	-	1.101	0.574	-	0.574	-	(0.527)	10	75	0.647	0.113	1.015	1.015	(0.440)
Aquarion Water Co of CT-Rolling Ridge	119	55	0.007	-	0.001	10.0%	0.007	-	0.007	-	-	-	0.007	(0.007)	5	50	0.006	0.001	0.007	0.007	(0.007)
Aquarion Water Co of CT-Salisbury Sys	1,888	70	0.132	0.126	0.046	15.0%	0.304	-	0.304	0.845	-	0.845	-	0.541	10	60	0.113	0.046	0.285	0.285	0.560
Aquarion Water Co of CT-Scodon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Stamford	134,318	76	10.179	6.100	1.809	10.0%	18.088	-	18.088	15.629	-	15.629	-	(2.459)	10	66	8.836	1.809	16.744	16.744	(1.115)
Aquarion Water Co of CT-Timber Trails	333	44	0.015	0.000	0.002	13.0%	0.017	-	0.017	0.033	-	0.033	-	0.016	-	44	0.015	0.002	0.017	0.017	0.016
Aquarion Water Co of CT-Tlwc	147	24	0.004	-	0.001	15.0%	0.004	-	0.004	0.022	-	0.022	-	0.017	-	24	0.004	0.001	0.004	0.004	0.017

Appended Table 4: 50-Year (2060) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2060 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2060 Residential Demand	2060 Non-Residential Demand	2060 Unaccounted-for Water	Percent Unaccounted-for Water	2060 Total ADD	2060 Water Sold to Other Utilities	2060 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2060 Residential Demand with Water Conservation	2060 Unaccounted-for Water with Water Conservation	2060 Total ADD with Water Conservation	2060 System ADD with Water Conservation	Available Water Surplus or Deficit for Total ADD with Water Conservation
Aquarion Water Co of CT-Tlwc Clearview	225	35	0.008	-	-	-	0.008	-	0.008	-	0.008	0.008	0.008	-	-	35	0.008	-	0.008	0.008	-
Aquarion Water Co of CT-Tlwc Indian Sprg	252	52	0.013	0.001	0.001	8.5%	0.015	-	0.015	0.050	-	0.050	-	0.035	2	50	0.013	0.001	0.015	0.015	0.035
Aquarion Water Co of CT-Tlwc Woodrich	78	24	0.002	-	0.000	10.0%	0.002	-	0.002	0.011	-	0.011	-	0.009	-	24	0.002	0.000	0.002	0.002	0.009
Aquarion Water Co of CT-Twin Oaks System	149	42	0.006	-	0.001	15.0%	0.007	-	0.007	0.017	-	0.017	-	0.010	-	42	0.006	0.001	0.007	0.007	0.010
Aquarion Water Co of CT-Valley System	18,777	72	1.350	0.477	0.203	10.0%	2.030	-	2.030	0.890	4.000	4.890	1.210	2.860	10	62	1.162	0.203	1.842	1.842	3.048
Aquarion Water Co of CT-Western Brookfld	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquarion Water Co of CT-Woodbury System	1,247	53	0.066	0.068	0.009	6.0%	0.143	-	0.143	0.270	-	0.270	-	0.127	3	50	0.062	0.009	0.139	0.139	0.131
Arrow Point Water Co	84	36	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.047	-	36	0.003	-	0.003	0.003	0.047
Arrowhead By The Lake Association, Inc.	288	75	0.022	-	-	-	0.022	-	0.022	0.050	-	0.050	-	0.028	10	65	0.019	-	0.019	0.019	0.031
Arrowhead Point Homeowners Assn Inc.	296	75	0.022	-	-	-	0.022	-	0.022	0.022	-	0.022	-	(0.001)	10	65	0.019	-	0.019	0.019	0.002
Bantam Village	96	75	0.007	-	-	-	0.007	-	0.007	0.008	-	0.008	-	0.001	10	65	0.006	-	0.006	0.006	0.002
Bee Brook Crossing Condominiums	120	75	0.009	-	-	-	0.009	-	0.009	0.043	-	0.043	-	0.034	10	65	0.008	-	0.008	0.008	0.035
Bernhardt Meadow	36	75	0.003	-	-	-	0.003	-	0.003	0.039	-	0.039	-	0.036	10	65	0.002	-	0.002	0.002	0.036
Bethel Water Dept	10,216	59	0.604	0.267	0.198	18.5%	1.069	-	1.069	1.360	-	1.360	-	0.291	9	50	0.511	0.160	0.938	0.938	0.422
Birch Groves Association, Inc	300	36	0.011	-	-	-	0.011	-	0.011	0.050	-	0.050	-	0.039	-	36	0.011	-	0.011	0.011	0.039
Breezy Knoll Association	100	30	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	-	30	0.003	-	0.003	0.003	0.024
Bridgewater Commons Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.037	-	0.037	-	0.033	10	65	0.003	-	0.003	0.003	0.033
Bristol Water Department	67,989	68	4.620	1.731	0.319	4.8%	6.670	-	6.670	6.870	0.500	7.370	0.233	0.700	10	58	3.940	0.319	5.990	5.990	1.380
Brookfield Hills Condominium Unit Owners	144	75	0.011	-	-	-	0.011	-	0.011	0.033	-	0.033	-	0.023	10	65	0.009	-	0.009	0.009	0.024
Brookfield Housing Authority	37	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	10	65	0.002	-	0.002	0.002	0.019
Brookview Water Company	55	75	0.004	-	-	-	0.004	-	0.004	0.011	-	0.011	-	0.007	10	65	0.004	-	0.004	0.004	0.007
Brookwoods II	120	75	0.009	-	-	-	0.009	-	0.009	0.026	-	0.026	-	0.017	10	65	0.008	-	0.008	0.008	0.018
Brunswick Middle School	567	6	0.004	-	-	-	0.004	-	0.004	0.015	-	0.015	-	0.011	-	6	0.004	-	0.004	0.004	0.011
Canaan Water Dept	488	52	0.026	0.011	-	-	0.037	-	0.037	0.029	-	0.029	-	(0.008)	2	50	0.024	-	0.035	0.035	(0.007)
Candle Hill Mobile Home Park	233	75	0.017	-	-	-	0.017	-	0.017	0.030	-	0.030	-	0.013	10	65	0.015	-	0.015	0.015	0.015
Candlewood Knolls Water Authority	524	75	0.039	-	-	-	0.039	-	0.039	0.043	-	0.043	-	0.004	10	65	0.034	-	0.034	0.034	0.009
Candlewood Orchards Property Owners Corp	144	30	0.004	-	-	-	0.004	-	0.004	0.040	-	0.040	-	0.036	-	30	0.004	-	0.004	0.004	0.036
Candlewood Park Inc	500	71	0.036	-	-	-	0.036	-	0.036	0.031	-	0.031	0.004	(0.004)	10	61	0.031	-	0.031	0.031	0.001
Candlewood Shores Tax District	1,420	52	0.074	-	0.001	1.0%	0.075	-	0.075	0.132	-	0.132	-	0.057	2	50	0.071	0.001	0.072	0.072	0.060
Candlewood Springs Property Owners Assn	148	75	0.011	-	-	-	0.011	-	0.011	0.019	-	0.019	-	0.008	10	65	0.010	-	0.010	0.010	0.010
Candlewood Trails Association, Inc.	312	48	0.015	-	-	-	0.015	-	0.015	0.050	-	0.050	-	0.035	-	48	0.015	-	0.015	0.015	0.035
Cedar Terrace Prop Owners Assn	66	75	0.005	-	0.001	13.0%	0.006	-	0.006	0.019	-	0.019	-	0.014	10	65	0.004	0.001	0.005	0.005	0.014
Cedarhurst Association	72	14	0.001	-	-	-	0.001	-	0.001	0.014	-	0.014	-	0.013	-	14	0.001	-	0.001	0.001	0.013
Chatfield Hill Assn., Inc.	68	29	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	29	0.002	-	0.002	0.002	0.048
Chippanydale Association	52	20	0.001	-	-	-	0.001	-	0.001	0.007	-	0.007	-	0.006	-	20	0.001	-	0.001	0.001	0.006
CLC Owners Corporation	1,472	75	0.110	-	-	-	0.110	-	0.110	0.289	-	0.289	-	0.179	10	65	0.096	-	0.096	0.096	0.194
Cornell Hills Assoc, Inc	108	75	0.008	-	-	-	0.008	-	0.008	0.050	-	0.050	-	0.042	10	65	0.007	-	0.007	0.007	0.043
Cornwall Water Company	48	75	0.004	-	-	-	0.004	-	0.004	0.004	-	0.004	-	0.001	10	65	0.003	-	0.003	0.003	0.001
Countryside Apartments	218	75	0.016	-	-	-	0.016	0.008	0.009	0.033	-	0.033	-	0.017	10	65	0.014	-	0.014	0.006	0.019
Crestview Condominium Association	84	75	0.006	-	-	-	0.006	-	0.006	0.007	-	0.007	-	0.001	10	65	0.005	-	0.005	0.005	0.002
CTWC - Naugatuck Reg - Hillcrest	120	35	0.004	-	-	-	0.004	-	0.004	-	0.030	0.030	0.004	0.026	-	35	0.004	-	0.004	0.004	0.026
CTWC - Naugatuck Reg-Collinsville Sys	120	70	0.008	0.000	0.000	1.1%	0.009	-	0.009	-	-	-	-	-	10	60	0.007	0.000	0.007	0.007	-
CTWC - Naugatuck Region-Central System	32,693	54	1.765	0.464	0.248	10.0%	2.477	-	2.477	4.280	0.300	4.580	-	2.103	4	50	1.635	0.248	2.346	2.346	2.234
CTWC - Naugatuck Reg-Terryville System	6,367	54	0.343	0.076	0.032	7.0%	0.451	-	0.451	0.718	0.600	1.318	-	0.867	4	50	0.318	0.032	0.426	0.426	0.892
CTWC - Naugatuck Reg-Thomaston System	4,146	52	0.215	0.163	0.042	10.0%	0.420	-	0.420	0.609	0.650	1.259	-	0.839	2	50	0.207	0.042	0.412	0.412	0.847
Danbury Water Department	77,616	52	4.000	2.100	1.240	16.9%	7.340	0.205	7.135	8.580	-	8.580	-	1.240	2	50	3.881	1.070	7.051	6.846	1.529
Danbury Water Dept- Hawthorne Terrace Assoc	156	75	0.012	-	-	-	0.012	-	0.012	0.040	-	0.040	-	0.028	10	65	0.010	-	0.010	0.010	0.030
Danbury Water Dept-Ridgeview Gardens	116	75	0.009	-	-	-	0.009	-	0.009	0.012	-	0.012	-	0.003	10	65	0.008	-	0.008	0.008	0.004
Devereux Glenholme School - Main Campus	245	100	0.025	-	-	-	0.025	-	0.025	0.028	-	0.028	-	0.004	10	90	0.022	-	0.022	0.022	0.006
Dodge Farm	42	36	0.002	-	-	-	0.002	-	0.002	0.028	-	0.028	-	0.027	-	36	0.002	-	0.002	0.002	0.027
Eldridge Elderly Housing	40	75	0.003	-	-	-	0.003	-	0.003	0.005	-	0.005	-	0.002	10	65	0.003	-	0.003	0.003	0.002
Elmwood Court LLC	54	75	0.004	-	-	-	0.004	-	0.004	0.018	-	0.018	-	0.014	10	65	0.004	-	0.004	0.004	0.015
Fairfield Hills	933	157	0.146	0.069	0.019	8.2%	0.234	-	0.234	0.666	-	0.666	-	0.433	10	147	0.137	0.019	0.224	0.224	0.442
Farmington Line West Condominiums	51	75	0.004	-	-	-	0.004	-	0.004	0.002	-	0.002	-	(0.002)	10	65	0.003	-	0.003	0.003	(0.001)
Fernwood Rest Home	107	28	0.003	-	-	-	0.003	-	0.003	0.028	-	0.028	-	0.025	-	28	0.003	-	0.003	0.003	0.025
Foxridge Apartments-Well 1	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Foxridge Apartments-Well 2	25	28	0.001	-	-	-	0.001	-	0.001	0.027	-	0.027	-	0.026	-	28	0.001	-	0.001	0.001	0.026
Garden Lane Apartments	40	75	0.003	-	-	-	0.003	-	0.003	0.017	-	0.017	-	0.014	10	65	0.003	-	0.003	0.003	0.015

Appended Table 4: 50-Year (2060) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2060 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2060 Residential Demand	2060 Non-Residential Demand	2060 Unaccounted-for Water	Percent Unaccounted-for Water	2060 Total ADD	2060 Water Sold to Other Utilities	2060 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2060 Residential Demand with Water Conservation	2060 Unaccounted-for Water with Water Conservation	2060 Total ADD with Water Conservation	2060 System ADD with Water Conservation	Available Water Surplus or Deficit for Total ADD with Water Conservation
Gunnery School	300	75	0.023	-	-	-	0.023	-	0.023	0.050	-	0.050	-	0.028	10	65	0.020	-	0.020	0.020	0.031
Harmony Acres Mobile Home Park	465	75	0.035	-	-	-	0.035	-	0.035	0.040	-	0.040	-	0.005	10	65	0.030	-	0.030	0.030	0.010
Heritage Hill Condominium Assn, Inc	120	75	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	10	65	0.008	-	0.008	0.008	0.025
Heritage Water Company	12,534	58	0.731	0.667	0.141	9.1%	1.539	0.041	1.498	2.040	0.500	2.540	-	1.001	8	50	0.627	0.141	1.435	1.394	1.105
Holly House Apartments	75	75	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	10	65	0.005	-	0.005	0.005	0.045
Idleview Mobile Home Park	138	30	0.004	-	-	-	0.004	-	0.004	0.005	-	0.005	-	0.001	-	30	0.004	-	0.004	0.004	0.001
Interlaken Water Company	64	75	0.005	-	-	-	0.005	-	0.005	0.022	-	0.022	-	0.017	10	65	0.004	-	0.004	0.004	0.017
Kent School (Maintenance Well)	30	75	0.002	-	-	-	0.002	-	0.002	0.027	-	0.027	-	0.025	10	65	0.002	-	0.002	0.002	0.025
Kent School Corp (Valley Campus)	722	75	0.054	-	-	-	0.054	-	0.054	0.195	-	0.195	-	0.141	10	65	0.047	-	0.047	0.047	0.149
Knollcrest Tax District	356	75	0.027	-	-	-	0.027	-	0.027	0.047	-	0.047	-	0.020	10	65	0.023	-	0.023	0.023	0.024
Kugeman Village	54	75	0.004	-	-	-	0.004	-	0.004	0.022	-	0.022	-	0.018	10	65	0.004	-	0.004	0.004	0.018
Lake Hills Village Condominiums	102	75	0.008	-	-	-	0.008	-	0.008	0.010	-	0.010	-	0.003	10	65	0.007	-	0.007	0.007	0.004
Lake Lillinonah Shores Condos	130	75	0.010	-	-	-	0.010	-	0.010	0.050	-	0.050	-	0.040	10	65	0.008	-	0.008	0.008	0.042
Lake Waubeeka Association	712	75	0.053	-	-	-	0.053	-	0.053	0.281	-	0.281	-	0.227	10	65	0.046	-	0.046	0.046	0.235
Lillinonah Park Estates Homeowners Assn	256	75	0.019	-	-	-	0.019	-	0.019	0.014	-	0.014	-	(0.005)	10	65	0.017	-	0.017	0.017	(0.003)
Litchfield Hill Condos	126	10	0.001	-	-	-	0.001	-	0.001	0.030	-	0.030	-	0.029	-	10	0.001	-	0.001	0.001	0.029
Little Brook Rd Property Owners Assn	64	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	10	65	0.004	-	0.004	0.004	0.001
Masonicare of Newtown	504	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.006	10	65	0.033	-	0.033	0.033	0.011
Meadowbrook Terrace Mobile Home Park	158	75	0.012	-	-	-	0.012	-	0.012	0.019	-	0.019	-	0.008	10	65	0.010	-	0.010	0.010	0.009
Meriden Water Division	50	63	0.003	-	0.001	17.4%	0.004	-	0.004	3.100	0.500	3.600	0.220	3.596	10	53	0.003	0.001	0.003	0.003	3.597
Middlebury Commons	76	75	0.006	-	-	-	0.006	-	0.006	0.027	-	0.027	-	0.021	10	65	0.005	-	0.005	0.005	0.022
New Hartford Water Department	2,248	54	0.121	0.046	0.013	7.0%	0.180	-	0.180	0.378	-	0.378	-	0.198	4	50	0.112	0.013	0.171	0.171	0.207
New Preston Water Co	139	75	0.010	-	-	-	0.010	-	0.010	0.024	-	0.024	-	0.013	10	65	0.009	-	0.009	0.009	0.015
North Purchase Elderly Housing	72	28	0.002	-	-	-	0.002	-	0.002	0.013	-	0.013	-	0.011	-	28	0.002	-	0.002	0.002	0.011
Norwalk First Taxing District	52,547	67	3.521	2.488	1.001	14.3%	7.010	-	7.010	7.750	-	7.750	-	0.740	10	57	2.995	1.001	6.485	6.485	1.265
Oakdale Manor Water Association	40	75	0.003	-	-	-	0.003	-	0.003	0.027	-	0.027	-	0.024	10	65	0.003	-	0.003	0.003	0.024
Old Farms Condominium Association Inc	285	75	0.021	-	0.006	22.2%	0.027	-	0.027	0.066	-	0.066	-	0.039	10	65	0.019	0.004	0.023	0.023	0.044
Pine Grove Association,Inc.	248	75	0.019	-	-	-	0.019	-	0.019	0.006	-	0.006	-	(0.012)	10	65	0.016	-	0.016	0.016	(0.010)
Quassuk Heights Condominium Assn	108	75	0.008	-	-	-	0.008	-	0.008	0.009	-	0.009	-	0.001	10	65	0.007	-	0.007	0.007	0.002
Rocktree Apartments	60	30	0.002	-	-	-	0.002	-	0.002	0.050	-	0.050	-	0.048	-	30	0.002	-	0.002	0.002	0.048
Rumsey Hall School	398	75	0.030	-	-	-	0.030	-	0.030	0.021	-	0.021	-	(0.009)	10	65	0.026	-	0.026	0.026	(0.005)
Salisbury School	520	48	0.025	-	-	-	0.025	-	0.025	0.050	-	0.050	-	0.025	-	48	0.025	-	0.025	0.025	0.025
SCCRWA	72,037	52	3.746	3.405	0.795	10.0%	7.946	1.587	6.358	7.600	-	7.600	-	-	2	50	3.602	0.795	7.801	6.214	-
Shady Acres Mobile Home Park	117	79	0.009	-	-	-	0.009	-	0.009	0.032	-	0.032	-	0.023	10	69	0.008	-	0.008	0.008	0.024
Sharon Ridge Apartments	62	75	0.005	-	-	-	0.005	-	0.005	0.019	-	0.019	-	0.015	10	65	0.004	-	0.004	0.004	0.015
Sharon Water & Sewer Commission	803	70	0.056	0.081	-	-	0.137	-	0.137	0.205	-	0.205	-	0.068	10	60	0.048	-	0.129	0.129	0.076
Snug Harbor Development Corp	144	42	0.006	-	-	-	0.006	-	0.006	0.050	-	0.050	-	0.044	-	42	0.006	-	0.006	0.006	0.044
South Kent School	228	75	0.017	-	-	-	0.017	-	0.017	0.037	-	0.037	-	0.020	10	65	0.015	-	0.015	0.015	0.022
South Norwalk Electric & Water	48,768	66	3.203	2.337	-	-	5.540	0.055	5.485	5.500	-	5.500	-	(0.040)	10	56	2.715	-	5.052	4.998	0.448
Southbury Training School	300	340	0.102	-	-	-	0.102	-	0.102	0.324	-	0.324	-	0.222	10	330	0.099	-	0.099	0.099	0.225
Southington Water Department	473	75	0.035	0.010	0.006	11.8%	0.052	-	0.052	-	-	-	-	-	10	65	0.031	0.006	0.047	0.047	-
Stony Hill Village Condominium Assn	392	75	0.029	-	-	-	0.029	-	0.029	0.050	-	0.050	-	0.021	10	65	0.025	-	0.025	0.025	0.025
Sunny Valley Tax District	500	75	0.038	-	-	-	0.038	-	0.038	0.050	-	0.050	-	0.013	10	65	0.033	-	0.033	0.033	0.018
Tashua Village Association, Inc.	35	75	0.003	-	-	-	0.003	-	0.003	0.022	-	0.022	-	0.019	10	65	0.002	-	0.002	0.002	0.019
The Marvelwood School	220	75	0.017	-	-	-	0.017	-	0.017	0.017	-	0.017	-	-	10	65	0.014	-	0.014	0.014	-
Torrington Water Company	50,695	46	2.332	0.722	0.161	5.0%	3.215	0.131	3.084	5.320	-	5.320	-	2.105	-	46	2.332	0.161	3.215	3.084	2.105
Touchstone N.A.F.I.	43	75	0.003	-	-	-	0.003	-	0.003	0.011	-	0.011	-	0.008	10	65	0.003	-	0.003	0.003	0.008
Town In Country Condominiums - Lower Sys	120	18	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.009	-	18	0.002	-	0.002	0.002	0.009
Town In Country Condominiums - Upper Sys	120	20	0.002	-	-	-	0.002	-	0.002	0.011	-	0.011	-	0.008	-	20	0.002	-	0.002	0.002	0.008
Village Market Place	25	75	0.002	0.007	-	-	0.008	-	0.008	0.010	-	0.010	-	0.001	10	65	0.002	-	0.008	0.008	0.002
Wallens Hill Apartments	50	75	0.004	-	-	-	0.004	-	0.004	0.010	-	0.010	-	0.006	10	65	0.003	-	0.003	0.003	0.006
Wallingford Water Department	128	52	0.007	-	0.001	12.6%	0.008	-	0.008	-	-	-	-	-	2	50	0.006	0.001	0.007	0.007	-
Waterbury Water Department	112,400	80	9.000	6.014	2.047	12.0%	17.061	2.261	14.800	27.000	-	27.000	-	9.939	10	70	7.876	2.047	15.937	13.676	11.063
Watertown Fire District	8,055	55	0.443	0.128	0.063	9.9%	0.634	-	0.634	1.340	-	1.340	-	0.706	5	50	0.403	0.063	0.594	0.594	0.746
Watertown Water & Sewer - Westgate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Watertown Water & Sewer Authority	22,368	54	1.205	0.542	0.066	3.6%	1.814	-	1.814	-	3.000	3.000	1.814	1.186	4	50	1.118	0.066	1.727	1.727	1.273
West Hill Lake Water Assoc.	312	16	0.005	-	-	-	0.005	-	0.005	0.035	-	0.035	-	0.030	-	16	0.005	-	0.005	0.005	0.030
Weston Water Supply	100	75	0.008	-	-	-	0.008	-	0.008	0.025	-	0.025	-	0.017	10	65	0.007	-	0.007	0.007	0.018

Appended Table 4: 50-Year (2060) Projected ADD and Existing Available Water for Community Water Systems (mgd)

Community Water System	2060 Residential Service Area Population	Residential Per-Capita Demand (gpcd)	2060 Residential Demand	2060 Non-Residential Demand	2060 Unaccounted-for Water	Percent Unaccounted-for Water	2060 Total ADD	2060 Water Sold to Other Utilities	2060 System ADD	Existing Available Water (ADD) from Sources	Existing Available Water (ADD) from Interconnections	Existing Total Available Water (ADD) for System	Water Purchased from Other Utilities	Available Water Surplus / Deficit for Total ADD	Residential Per-Capita Demand Reduction (gpcd)	New Residential Per-Capita Demand with Water Conservation (gpcd)	2060 Residential Demand with Water Conservation	2060 Unaccounted-for Water with Water Conservation	2060 Total ADD with Water Conservation	2060 System ADD with Water Conservation	Available Water Surplus or Deficit for Total ADD with Water Conservation
Westover Water Co	510	75	0.038	-	-	-	0.038	-	0.038	0.043	-	0.043	-	0.004	10	65	0.033	-	0.033	0.033	0.010
Whisconier Village Association, Inc.	123	75	0.009	-	-	-	0.009	-	0.009	0.011	-	0.011	-	0.002	10	65	0.008	-	0.008	0.008	0.003
Winsted Water Works	10,310	122	1.260	0.347	0.284	15.0%	1.890	-	1.890	2.980	-	2.980	-	1.090	10	112	1.157	0.284	1.787	1.787	1.193
Wolcott Water Department	4,894	55	0.271	0.128	0.044	10.0%	0.443	-	0.443	-	0.500	0.500	0.443	0.057	5	50	0.245	0.044	0.417	0.417	0.083
Woodbury Knoll, LLC.	258	75	0.019	-	-	-	0.019	-	0.019	0.022	-	0.022	-	0.003	10	65	0.017	-	0.017	0.017	0.005
Woodbury Place Condominium Assn	72	75	0.005	-	-	-	0.005	-	0.005	0.006	-	0.006	-	0.001	10	65	0.005	-	0.005	0.005	0.002
Woodcreek Village Condominium Assn, Inc	72	75	0.005	-	-	-	0.005	-	0.005	0.013	-	0.013	-	0.008	10	65	0.005	-	0.005	0.005	0.008
Woodcrest Association, Inc	60	75	0.005	-	-	-	0.005	-	0.005	0.021	-	0.021	-	0.016	10	65	0.004	-	0.004	0.004	0.017
Woodhall School, Inc	68	37	0.003	-	-	-	0.003	-	0.003	0.050	-	0.050	-	0.048	-	37	0.003	-	0.003	0.003	0.048
Woodlake Tax District	914	47	0.043	0.005	-	-	0.048	-	0.048	0.140	-	0.140	-	0.092	-	47	0.043	-	0.048	0.048	0.092
TOTAL	**1,314,928**	**67**	**88.105**	**66.579**	**21.019**		**175.704**	**8.416**	**167.287**	**204.036**	**11.308**	**215.343**	**4.445**	**40.053**		**59**	**77.516**	**19.553**	**163.648**	**155.232**	**51.956**

Notes: Transfers from AWC - Main system are used to meet deficits in AWC - Ridgefield system and AWC - Southwestern Fairfield County system (New Canaan, Noroton, & Stamford subsystems)

AWC - Berkshire to consolidate with AWC - Chimney Heights in 5-year planning horizon.

AWC - Brookwood, AWC - Butternut, and AWC - Western Brookfield to consolidate with AWC - Brookfield in 5-year planning horizon.

AWC - Carmen Hill, AWC - Dean Heights, AWC - Forest Hills, AWC - Meadowbrook, AWC - Park Glen, and AWC - Pleasant View to consolidate with AWC - New Milford in 20-year planning horizon.

AWC - Chestnut Tree Hill to consolidate with AWC - Newtown in 20-year planning horizon.

AWC - Clearview gets all needed water by agreement from Countryside Apartments. Available water is assumed equal to demand.

AWC - Craigmoor and AWC - Ridgefield Knolls to consolidate with AWC - Ridgefield in 20-year planning horizon.

AWC - Judea Depot to consolidate with AWC - Judea Main (Green) in 20-year planning horizon.

AWC - Possum Ridge to consolidate with AWC - Birches in 20-year planning horizon.

AWC - Scodon to consolidate with AWC - Ridgefield in 50-year planning horizon.

CTWC - Collinsville System sources are in Canton in Central PWSMA. Available water is assumed equal to demand for Burlington service area.

SCCRWA has majority of its sources in Central PWSMA. Available water is assumed equal to demand for service area in Western PWSMA.

Southington Water Department sources are in Southington in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Available water for The Marvelwood School was not available; assumed equal to demand.

Wallingford Water Division sources are in Wallingford in Central PWSMA. Available water is assumed equal to demand for Cheshire service area.

Watertown Water & Sewer - Westgate to consolidate with Watertown Water & Sewer Authority system in 50-year planning horizon.

Water conservation projection calculated by MMI based on system data from Table B-6.

APPENDED FIGURE

Legend

- NON-COMMUNITY WATER SYSTEM
- ACTIVE INTERCONNECTION
- EMERGENCY INTERCONNECTION
- PROPOSED INTERCONNECTION
- PROPOSED INTERCONNECTION
- PROPOSED NEW SOURCE
- TOWN BOUNDARIES
- DEEP LANDS WHERE ESA BOUNDARIES MAY NOT BE ENFORCEABLE
- PUBLIC WATER SUPPLY WATERSHED
- COMMUNITY WATER SYSTEM SERVICE AREAS
- STATE AGENCY EXISTING SERVICE AREA

Exclusive Service Area

- EXCLUSIVE SERVICE AREA ASSIGNED TO TOWN
- EXCLUSIVE SERVICE AREA ASSIGNED TO LOCAL COMMISSION
- EXCLUSIVE SERVICE AREA ASSIGNED TO FIRE DISTRICT
- EXCLUSIVE SERVICE AREA UNASSIGNED
- AQUARION WATER COMPANY
- BETHEL WATER DEPARTMENT
- BRISTOL WATER DEPARTMENT
- CITY OF NORWALK FIRST TAXING DISTRICT
- CONNECTICUT WATER COMPANY
- DANBURY WATER DEPARTMENT
- HERITAGE VILLAGE WATER COMPANY
- SHARON WATER DEPARTMENT
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
- SOUTH NORWALK ELECTRIC & WATER
- TORRINGTON WATER COMPANY
- VALLEY WATER SYSTEMS, INC
- WATERBURY WATER DEPARTMENT
- WATERTOWN WATER & SEWER
- WINSTED WATER WORKS
- WOLCOTT WATER DEPARTMENT

REGIONAL MAP

WESTERN PWSMA INTEGRATED REPORT & EXECUTIVE SUMMARY

N W E S

SOURCE:

CT DPH, CT DEEP, WESTERN WUCC

SJB	MER	DM
DESIGNED	DRAWN	CHECKED

SCALE: *1 INCH = 8,500 FEET*

PROJECT NO.: *1017-05-05*

Engineering, Landscape Architecture and Environmental Science

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DATE: *MARCH 1, 2018*

SHEET: *APPENDED FIGURE 1*

APPENDIX A

PUBLIC COMMENTS RECEIVED ON THE PRELIMINARY INTEGRATED REPORT

LEGAL NOTICE

Pursuant to *Conn. Gen. Stat*. § 25-33h and § 25-33h-1(g) of the Regulations of the Connecticut State Agencies, the Department of Public Health ("the DPH") hereby notifies the public that the Western, Eastern, and Central Corridor Water Utility Coordinating Committees ("WUCC") have submitted their coordinated water system plans to the Commissioner of Public Health ("Commissioner") on March 21, 2018, for approval and is available for public comment. The WUCC's coordinated water system plans consist of the individual water system plans of each public water system within the WUCC's public water supply management areas, filed with the Commissioner pursuant to *Conn. Gen. Stat.* § 25-32d, and an area-wide supplement to such plans developed pursuant to *Conn. Gen. Stat*. § 25-33h that addresses water system concerns pertaining to the public water supply management areas as a whole.

Interested persons may obtain a copy of the WUCC's coordinated water system plans on the DPH website at http://www.portal.ct.gov/DPH/Drinking-Water/WUCC/Water-Utility-Coordinating-Committee. The coordinated water system plan is also available for inspection at the DPH Drinking Water Section, 410 Capital Avenue, Hartford, CT from 8:30 AM to 4:30 PM, Monday through Friday. Questions may be directed to Richard Iozzo at (860) 509-7333 or richard.iozzo@ct.gov.

In making his decision to approve or reject the WUCC's coordinated water system plans, the Commissioner will consider written comments from interested persons that are received April 20, 2018. Written comments for the Eastern WUCC should be directed to Samuel Alexander, Southeastern Council of Governments, 5 Connecticut Avenue, Norwich, CT 06360 or may be submitted via electronic mail to salexander@seccog.org. Written comments for the Western WUCC should be directed to David Banker, The Metropolitan District Commission, 555 Main Street, Hartford, CT 06142-0800 or may be submitted via electronic mail to dbanker@themdc.com. Written comments for the Central Corridor WUCC should be directed to Brendan Avery, Hazardville Water Company, 281 Hazard Avenue, Enfield, CT 06082 email or may be submitted via electronic mail to bavery@hazardvillewater.com.

Published in the Danbury News Times on March 21, 2018
Published in La Voz Hispana and the Northeast News on March 22, 2018

LEGAL NOTICE PURSUANT TO CONN. GEN. STAT. Â§ 25-33H AND Â§

LEGAL NOTICE Pursuant to Conn. Gen. Stat. Â§ 25-33h and Â§ 25-33h-1(g) of the Regulations of the Connecticut State Agencies, the Department of Public Health ("the DPH") hereby notifies the public that the Western, Eastern, and Central Corridor Water Utility Coordinating Committees ("WUCC") have submitted their coordinated water system plans to the Commissioner of Public Health ("Commissioner") on March 21, 2018, for approval and is available for public comment. The WUCC's coordinated water system plans consist of the individual water system plans of each public water system within the WUCC's public water supply management areas, filed with the Commissioner pursuant to Conn. Gen. Stat. Â§ 25-32d, and an area-wide supplement to such plans developed pursuant to Conn. Gen. Stat. Â§ 25-33h that addresses water system concerns pertaining to the public water supply management areas as a whole. Interested persons may obtain a copy of the WUCC's coordinated water system plans on the DPH website at http://www.portal.ct.gov/DPH/Drinking-Water/WUCC/Water-Utility-Coordinating-Committee. The coordinated water system plan is also available for inspection at the DPH Drinking Water Section, 410 Capital Avenue, Hartford, CT from 8:30 AM to 4:30 PM, Monday through Friday. Questions may be directed to Richard Iozzo at (860) 509-7333 or richard.iozzo@ct.gov. In making his decision to approve or reject the WUCC's coordinated water system plans, the Commissioner will consider written comments from interested persons that are received April 20, 2018. Written comments for the Eastern WUCC should be directed to Samuel Alexander, Southeastern Council of Governments, 5 Connecticut Avenue, Norwich, CT 06360 or may be submitted via electronic mail to salexander@seccog.org. Written comments for the Western WUCC should be directed to David Banker, The Metropolitan District Commission, 555 Main Street, Hartford, CT 06142-0800 or may be submitted via electronic mail to dbanker@themdc.com. Written comments for the Central Corridor WUCC should be directed to Brendan Avery, Hazardville Water Company, 281 Hazard Avenue, Enfield, CT 06082 email or may be submitted via electronic mail to bavery@hazardvillewater.com.

Appeared in: ***News-Times*** on Wednesday, 03/21/2018

Back

Western Region
Water Utility Coordinating Committee

March 20, 2018

Via Electronic Mail

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

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

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

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

RE: Preliminary Coordinated Water System Plan

In accordance with CGS 25-33h(b), the Western Connecticut Water Utility Coordinating Committee (WUCC) has prepared a preliminary coordinated water supply plan for the Western Connecticut Public Water Supply Management Area (PWSMA). An electronic copy of the document may be found online at the WUCC website http://portal.ct.gov/DPH/Drinking-Water/WUCC/Western-Water-Utility-Coordinating-Committee.

At this time, the Western WUCC is requesting review and comment on the preliminary coordinated water supply plan document from all interested persons. The public comment period closes on April 20, 2018 and any final comments on the document from the public must be received by the end of that day. Discussion of comments received will occur at the next Western WUCC meeting scheduled for April 24, 2018 at the Brookfield Town Hall.

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

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

Very Truly Yours,

Russel Posthauer
Western Region WUCC Co-Chair

Daniel Lawrence
Western Region WUCC Co-Chair

Log of Comments – Western, Central, and Eastern Integrated Reports

Date	*Commenter*	*Submitted To:*	*Main Points*	*Response/Edits*
3/13/2018	Town of Marlborough	Central WUCC	▪ Updated water demand projections for Central Integrated Report	▪ Updated Tables B-3, B-4, B-5, and B-6, Table 3-5, Table 3-6, and Table ES-5
3/13/2018	CWC and Town of Tolland	MMI	▪ Updated available water calculation for CWC – Riversedge system in Willington and Tolland Water Department for Central Integrated Report	▪ Updated Tables B-3, B-4, B-5, and B-6; Appended Tables 1, 2, 3, and 4; and Table ES-5
3/14/2018	SCCOG	Eastern WUCC	▪ Suggestions for mitigating planning disconnect between utilities and municipalities ▪ Concurrence with several suggested recommendations ▪ Recommend that utilities work with municipalities and not COGs to address best management practices for green infrastructure and stormwater management design	▪ Updated text box in Section 10.2 to suggest that COGs advise WUCCs regarding POCD updates and for COGs to consider providing comments regarding water planning when performing review of such updates ▪ Updated text box in Section 2.1.4 to address potential source impacts; updated Table 12-1 to make only utilities the Lead for green infrastructure recommendation ▪ Added additional language to text box in Section 10.3 regarding the need for funding
3/16/2018	DPH	Western, Central, Eastern WUCCs	▪ Announcement of Sanitary Survey website, capacity assessment questionnaire, and water demand / flow rate request	▪ Updated discussion in Section 4.2 and added text box regarding webpage and new forms
3/22/2018 4/1/2018 4/3/2018	Woodlake Tax District	MMI	▪ Question regarding source of ADD for Woodlake Tax District ▪ Question regarding source of available water calculation for Woodlake Tax District ▪ Updated available water calculation for Western Integrated Report	▪ Provided source of ADD via e-mail ▪ Provided source of available water via e-mail ▪ Updated available water calculation in Integrated Report Tables 3-1, B-3, B-4, B-5, B-6 and Appended Tables 1, 2, 3, 4; updated available water calculation for AWC ESA Holder in Table ES-5 in Executive Summary
3/26/2018	Mr. Mark Widomski	Western WUCC	▪ Concern regarding post-development impacts following sale of water company land ▪ Need to protect more watershed land ▪ Need to encourage water conservation ▪ Suggested pathway forward to improve irrigation flow controls on the utility side	▪ The WUCCs have developed a variety of recommendations related to improving source protection, particularly the use of the DWQMP process. ▪ The need for water conservation, as well as development of methods for water use restrictions, is discussed in detail in Section 2.1.5 and Section 2.2., with several related recommendations. ▪ Determining an appropriate method for allowing utilities to enforce water use restrictions is a recommendation of the plan.

Log of Comments – Western, Central, and Eastern Integrated Reports

Date	*Commenter*	*Submitted To:*	*Main Points*	*Response/Edits*
4/18/2018	DEEP	Western, Central, Eastern WUCC	▪ Concurrence with recommendations regarding refinement of projected demands, adjustments to the methodology for calculation of available water, the use of interconnections, meeting with regulatory agencies early in the source development process, and continued coordination and work with state agencies on drought management and water conservation to improve water efficiency ▪ Identified 16 clarifications to improve the quality of the report	▪ Updated Sections 2.2, 2.3, 2.4.1, 3.6, 5.2.2, 7.4, 8.0, 11.1, 11.2, and 12.0 per requested clarifications
4/19/2018	Town of Marlborough	Central WUCC	▪ Requested that CAT score map be made an exhibit ▪ Requested that Table D-1 be sorted by Town and then system, rather than by system ▪ Recommended interconnection strategies in Marlborough ▪ Encouraged consolidation of NTNC and TNC systems and more oversight by ESA holders ▪ Requested inclusion of Town NTNC system projections	▪ A statewide CAT score map was included as Appended Figure 1 of the *Final Water Supply Assessment* dated December 2016. DPH indicates that an updated map will not be ready for publication within the CWSP but will be presented at a subsequent WUCC meeting. ▪ Sorted Table D-1 as requested. ▪ Added potential interconnection to bulleted list on page 4-9. ▪ Several recommendations are aimed at identifying systems with capacity needs and securing funding for consolidation of systems. The WUCC reviews proposed water systems and can provide recommendations regarding interconnection and consolidation as part of its review process. ESA holders are largely opposed to a requirement to own and operate NTNC systems; this issue will need additional discussion at future WUCC meetings. ▪ Town NTNC system projections included as noted above.

Log of Comments – Western, Central, and Eastern Integrated Reports

Date	*Commenter*	*Submitted To:*	*Main Points*	*Response/Edits*
4/20/2018	Ms. Judy Allen	Central WUCC	▪ Requested expansion of the climate change discussion to include more discussion of potential impacts of climate change on utilities and the environment ▪ Suggested that the worst drought on record is 2016, and to not rely on the characteristics of previous droughts to predict future droughts ▪ Noted that MDC's Clean Water Project would improve the quality of the Connecticut River and should be considered when evaluating potential impacts of wellfield development	▪ Added additional discussion to Section 2.4.1 regarding current and potential future effects of climate change on public water supply. ▪ The WUCC defers to USGS regarding the severity of the 2015-2016 drought in different parts of Connecticut as opposed historic droughts. Several recommendations (review of safe yield regulations, drought management topics) seek to address the issues brought to the forefront by the recent drought. ▪ Updated text in Section 8.1 to define the Water Quality Classifications and briefly discuss the MDC Clean Water Project.
4/20/2018	DPH	Western, Central, Eastern WUCC	▪ Concurred that water utilities should reevaluate and update future available water and demand projections which may be out of date ▪ Encouraged the WUCCs to foster and support aggressive interagency planning between utilities, COGs, and municipalities regarding future water planning strategies ▪ Encouraged the WUCCs to explore water efficiency and conservation and how they can help develop efficiency projects, initiatives, and conservation ▪ Encouraged the WUCCs to continue to develop strategies to involve and educate small community and NTNC systems ▪ Encouraged utilities to fund resiliency projects and to explore joint development of new sources ▪ Encouraged the DWQMP process to improve source water protection in watersheds ▪ Encouraged the WUCCs to coordinate with the DWSRF to facilitate regional infrastructure and small system projects	▪ Information regarding the DPH "three storms" strategy has been added to the text in Section 2.4.2

Log of Comments – Western, Central, and Eastern Integrated Reports

Date	*Commenter*	*Submitted To:*	*Main Points*	*Response/Edits*
4/26/2018*	Pomperaug River Watershed Coalition	Western WUCC	▪ Noted that the recommendations do not address presently stressed basins as identified in the proposed *State Water Plan* ▪ Suggested that the WUCC develop a process on how to address stressed basins when considering future capital projects and development of new public water systems, specifically the use of future sub-regional basin analyses	▪ Added text to Section 2.2 discussing the benefits of water conservation measures which could help alleviate stressed basins, with linkage to the related recommendation. ▪ Added text to Section 12.2 for WUCC to consider potential impacts to stressed basins when it is considering regional projects

*The Western WUCC agreed to accept comments from Pomperaug River Watershed Coalition following the close of the public comment period on April 20, 2018.

Scott Bighinatti

From: Sam Alexander <salexander@seccog.org>
Sent: Wednesday, March 14, 2018 11:42 AM
To: Scott Bighinatti
Subject: Integrated Report Recommendations

Follow Up Flag: Follow up
Flag Status: Completed

Scott:

I'm confident you've already left the office.
I'll give you a paper version of this when you arrive.

SCCOG's comments on Integrated Report strategies pertaining to the COGs:

Strategy	Comments	Priority to COG Staff
• Encourage local planners to identify in POCDs areas where public water service is desired • Coordinate with local planners during POCD updates to identify areas of development density that may be incompatible with reservoir watersheds and APAs, and to coordinate with other watershed towns regarding source protection planning • Encourage local planners to include discussions in POCDs on the importance of water conservation	For the past 22 months, the WUCC has consistently identified the disconnect between water planning and local planning as an issue. The COGs generally are aware when POCDs are due to be update and could notify the WUCC ahead of time. The WUCC should send a letter to Planning Commissions, stating the contacts for local utilities and ESA holders and suggesting coordination (or how coordination could take place). The COG also reviews POCDs when they area in near-final format. To the extent it is consistent with the Regional POCD, comments on water planning could be incorporated.	HIGH
• Provide Geographic Information System data appropriate for regional planning to Councils of Governments, including ESA boundaries and general public water system service locations	I'm sure our current data is outdated. This would improve the likelihood that the COGs will initiate water-planning studies and activities (or incorporate into Regional POCD), independent of the WUCC. This would be especially important if the COG is to provide on-going support to the WUCC (see last strategy).	HIGH
• Promote the adoption of best management practices for the use of green infrastructure in stormwater management design	Aside from offering training courses, I do not see a logical role for the COG. Individual towns (not the COG) should implement this strategy. To the extent that stormwater impacts a water supply, it's in the interest of the utility to work with the town. Also, consider how this is impacted, or obviated, by MS4 regulations.	LOW - MEDIUM

• Provide funding assistance for Councils of Government staff to monitor and inform local land use commissions regarding source water protection, ESA boundaries, and regional water supply challenges	The recommendation should note that, absent funding, the COGs might not be able to provide assistance to the WUCC. Once MMI drops off in a couple months, the WUCC will need some sort of staff to carry out its functions. I think this recommendation is extremely important.	HIGH

-Sam

Scott Bighinatti

Subject: FW: New DWS Sanitary Survey Web Page

From: Mcphee, Eric [mailto:Eric.Mcphee@ct.gov]
Sent: Friday, March 16, 2018 2:27 PM
To: Jeanine Gouin <jgouin@mminc.com>; Dave Murphy <DMurphy@mminc.com>; Scott Bighinatti <SBighinatti@mminc.com>
Cc: Smith, Mandy <Mandy.Smith@ct.gov>; Mathieu, Lori <Lori.Mathieu@ct.gov>
Subject: FW: New DWS Sanitary Survey Web Page

Hi MMI,
So this was published today: http://www.portal.ct.gov/DPH/Drinking-Water/DWS/Sanitary-Survey . Included in the web page is a new questionnaire that we are requiring CPWSs to respond to as part of the survey process. The idea is to better integrate the surveys with capacity assessment and the WUCCs. They are also prompted to prepare for review a form compiling meter reading and demand calculations. These start to get at several of the 'responsible planning' recommendations in table 12-1. If its not too late, can we add a sentence onto page 4-6 (ish) of the IRs to capture this?

Thanks!

From: Smith, Mandy
Sent: Friday, March 16, 2018 10:32 AM
To: Addo, Yvonne <Yvonne.Addo@ct.gov>; Andrade, Luis <Luis.Andrade@ct.gov>; Aubin, Daniel <Daniel.Aubin@ct.gov>; Baran, Robert <Robert.Baran@ct.gov>; Bisacky, Patricia <Patricia.Bisacky@ct.gov>; Buehler, Joseph <Joseph.Buehler@ct.gov>; Carrier, Vicky <Vicky.Carrier@ct.gov>; Chyra, Thomas <Thomas.Chyra@ct.gov>; Czaja, John <John.Czaja@ct.gov>; DelVecchio, Dominic <Dominic.DelVecchio@ct.gov>; Dunn, Theodore <Theodore.Dunn@ct.gov>; Edson, Thomas <Thomas.Edson@ct.gov>; Ferraro, Linda <Linda.Ferraro@ct.gov>; Fleming, Casey <Casey.Fleming@ct.gov>; Ghisa, Florin <Florin.Ghisa@ct.gov>; Hage, Michael <Michael.Hage@ct.gov>; Harkey, Steven <Steven.Harkey@ct.gov>; Iozzo, Richard <Richard.Iozzo@ct.gov>; Johnson, Gary <Gary.R.Johnson@ct.gov>; Lami, Mira <Mira.Lami@ct.gov>; Liu, Brian <Brian.Liu@ct.gov>; Madonna, Carissa Ann <Carissa.Madonna@ct.gov>; Mathieu, Lori <Lori.Mathieu@ct.gov>; McMann, Austin <Austin.McMann@ct.gov>; Mcphee, Eric <Eric.Mcphee@ct.gov>; Milardo, Justin <Justin.Milardo@ct.gov>; Nowek, Rachel <Rachel.Nowek@ct.gov>; Ondrey, Robert <Robert.Ondrey@ct.gov>; Patel, Sachin <Sachin.Patel@ct.gov>; Quansah, Isaac <Isaac.Quansah@ct.gov>; Ramsbottom, Sara <Sara.Ramsbottom@ct.gov>; Roy, Christopher <Christopher.Roy@ct.gov>; Sek, Cindy <Cindy.Sek@ct.gov>; Smith, Laverne <Laverne.Smith@ct.gov>; Smith, Mandy <Mandy.Smith@ct.gov>; Sullivan, William <William.Sullivan@ct.gov>; Tabatabai, Ahmadali <Ahmadali.Tabatabai@ct.gov>; Tardif, Scott <Scott.Tardif@ct.gov>; Tejada, Raul <Raul.Tejada@ct.gov>; Urena, Chris <Chris.Urena@ct.gov>; Walden, Cameron <Cameron.Walden@ct.gov>; Wallett, Steven <Steven.Wallett@ct.gov>; Wilcox, Alison <Alison.Wilcox@ct.gov>; Williams, Brian N <Brian.N.Williams@ct.gov>; Williams, Zelda <Zelda.Williams@ct.gov>; Zacharias, Alexander <Alexander.Zacharias@ct.gov>
Subject: New DWS Sanitary Survey Web Page

I have worked with the Compliance Supervisors to create a page on our website dedicated to sanitary surveys (it's about time, right?!). It contains information regarding what a sanitary survey is and how often it is required. The page is then split into a Community and Non-Community Sections with information on who should attend the SS, how to prepare for the survey, compliance reminders and also lists of CWS and Non-Community PWS to be surveyed this calendar year. The link can be access on Topics A-Z or also under the "Information for Public Water Systems" link on the DWS homepage.

http://www.portal.ct.gov/DPH/Drinking-Water/DWS/Sanitary-Survey

Additionally, for CWS, there is a capacity questionnaire that will be required as part of the sanitary survey. This will be required for all CWS with the exception of Subpart H systems. I worked with Eric to develop the questionnaire so it ties into the WUCC Integrated Reports. The questions are more easily understood versions of information that was collected as part of the 2015/2016 Small CWS Scorecard initiative. I plan on sending out the capacity questionnaire electronically to all CWS (excluding Subpart H) that are to be inspected this calendar year with a due date of April 30th. For the handful of CWS surveys that have already been completed this year, please try to follow up with the PWS if the questionnaire is not received by 4/30/18.

Thanks and I will be setting up a meeting with all of the inspectors to further discuss the process and implications of the capacity questionnaire. If anyone has any additional important information that you think should be included on the sanitary survey web page, please provide feedback to me. We didn't have time to convene a larger group to develop the content, but I tried to be as comprehensive as possible, pulling info from existing and draft documents.

Mandy

Mandy B. Smith I Supervising Sanitary Engineer I CT DPH – Drinking Water Section, Capacity Development Unit
Phone: 860-509-7333 I Fax: 860-509-7359 I mandy.smith@ct.gov I www.ct.gov/dph/publicdrinkingwater

Scott Bighinatti

From: Banker, David <DBanker@themdc.com>
Sent: Monday, March 26, 2018 12:59 PM
To: DLawrence@aquarionwater.com; russellposthauer@ccaengineering.com; Dave Murphy; Scott Bighinatti
Subject: FW:

Dan, Russell & Dave,

See below for first comment received for the Western WUCC.

Dave

From: Mark & Joelle Widomski [mailto:jwidomski@snet.net]
Sent: Monday, March 26, 2018 11:55 AM
To: Banker, David
Subject:

My name is Mark Widomski and I am a Planning and Zoning Commissioner for the City of Shelton, having been elected this past November. I have been an active member of the community for almost 30 years in terms of controlled development and the protection of our natural resources.

It is great to see that there is an interest in the water supply after the debacle of last year and the numerous water restrictions that were enacted by various water authorities and municipalities.

Water is a natural resource that we all take advantage of and have little thought about. Why is that? The answer is simple. We look around our environment and we see plenty of water in creeks, brooks, streams, rivers and many other places. A drive around Connecticut and one will find way too many bodies of water to count. The result is people see this natural resource as plentiful.

The reality is quite the opposite. Many of our wetland and watercourses have been filled in or rerouted in the name of progress, further reducing the supply of water. Most of these waters are polluted and require heavy treatments to make them drinkable. They are polluted for several reasons that go from acid rain from the west to heavy industrial use to over development.

I am going to focus on the over development aspect. Historically, water companies and municipal owned water authorities were vast property owners in the form of watersheds. These watersheds allowed the rain water and natural ground waters to be cleaned naturally and directed the runoff to a reservoir. The water was then further cleaned in the treatment plant and then distributed to the customers.

With the advent and reliance on treatment plants, the water authorities sold off vast sums of the watershed to private land owners. These land owners then developed these properties into developments, cutting trees and regarding the topography, thus changing forever the proverbial lay of the land. The result was a new topography that redirected the water in new and different directions thus resulting in a decline of available water to flow in to the reservoirs. Instead the water is redirected to catch basins that may have miles of piping taking the water away from the area to a new area that may have no relationship to the reservoirs. Retention ponds are also added where the bulk

of the water is most likely evaporated before entering the natural ground water system. These retention ponds are usually built in a location that will provide the most benefit to the developer and not to the benefit of the water authorities and the natural ground water system.

So how do we protect the natural resource that our lives depend on? The answer is not very complicated, but it is also not very simple. The first step is we need to protect our watersheds and add to them. We need to protect our wetlands and stop filling them in for the almighty dollar. We need to have stricter regulations regarding buffer zones for these wetlands and we need to enforce them.

The second step is to stop the paving over of vast amounts of land. We need to stop changing the topography of our lands forever. No amount of engineering will ever change the way mother nature works. Simply look at the Mississippi and the amount of controls placed on it and it is still not tamed!!

Third step is conservation. Last year the bulk of the water problems were in southwest Fairfield County. A drive through the area on a typical summer day and on will find just about every house with a sprinkler system to water the grass, the shrubs and other ground coverings. One will also find the commercial buildings are also doing the same thing. The crazy part of this is even on rainy days, the sprinklers are going!! Last year, Aquarion water spent hundreds of thousands of dollars to build a temporary pipeline to move water from up county to down county so these people can continue to water their lawns. No restrictions were put into place until it was too late, and even then, they were voluntary. This practice needs to be halted.

So how to enforce water conservation? The answer is quite simple. Every customer of a water authority, private or municipal, is required to have a meter for water coming into the house. The solution is to require ALL customers of a water authority that have an irrigation system installed, shall have that system on a separate meter that can be turned on or off by the regulating water authority when a specific level of drought is declared by the state. This will include current and new construction and there is no grandfathering. Set a timeline of one year to be retrofitted and if not in compliance, then the owner faces a complete shut off, no return of service until such time a second meter is installed and a large fine.

The solutions are as I said are not very complicated. The difficulty will be the politicians and if they have the resolve to do what is correct for everyone vested in water, or if they will succumb to the political pressure by the big donors.

I applaud the effort and the input you are looking for, but the bottom line is getting the politician that is beholden to special interest to buy into a plan that may hurt those very groups. I wish the group the best of luck in moving forward and hopefully making a meaningful resolution to a problem that will have a negative impact on all of us if not resolved soon.

If you should have any questions or concerns please feel free to contact me via return email.

My comments and opinions in no way represent the opinions of the Shelton Planning and Zoning Commission, the City of Shelton or any of its affiliates etc.

Sincerely,

Mark Widomski

Scott Bighinatti

From: Srivalli Sukuru <ssukuru@woodardcurran.com>
Sent: Tuesday, April 03, 2018 12:47 PM
To: Scott Bighinatti
Cc: Don Iannicelli; Shelby Beauchemin; Jeff
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Good Afternoon Scott

Thanks for the email, yes, the reason I asked about that "0.1544 mgd" number is to provide you with the correct number.

Woodlake existing available water is 139,808 gallons per day.

Please let me know if you need to know safe yields for each well individually as well.

Thanks
Valli

Srivalli B. Sukuru, P.E.
Project Engineer
Woodard & Curran Inc. • Middlesex Corporate Center
213 Court Street • 4th Floor • Middletown, CT 06457
Tel:203-699-6002 (Direct)
Tel:617-852-7903 (Cell)
ssukuru@WoodardCurran.com
www.woodardcurran.com

From: Scott Bighinatti <SBighinatti@mminc.com>
Sent: Monday, April 2, 2018 6:59 PM
To: Srivalli Sukuru <ssukuru@woodardcurran.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Hi Valli –

We were not provided a copy of the water supply plan for Woodlake Tax District, as DPH only provided water supply plans for systems serving greater than 1,000 people.

The 0.1544 mgd value for available water came from the pumping rates for Wells #2, #3, and #4 on the 2014 Sanitary Survey (30 gpm+72 gpm+41 gpm * 18 hours * 60 minutes/hour). Upon further review, this figure is not correct (Well #3 doesn't appear to be in use per your more recent submissions, and the figure doesn't account for available water from Wells #5 and #6). We would be happy to update the available water figure to reflect the correct number for available water if you could provide it to us.

Scott J. Bighinatti, MS, CFM
Lead Environmental Scientist

MILONE & MACBROOM
99 Realty Drive, Cheshire, CT 06410
203.271.1773 x 204 | mminc.com
Facebook | Instagram | LinkedIn | Twitter

From: Srivalli Sukuru [mailto:ssukuru@woodardcurran.com]
Sent: Sunday, April 01, 2018 2:54 PM
To: Scott Bighinatti <SBighinatti@mminc.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Hi Scott

One other question on Appended Table 1 -Existing ADD and Available Water for Community Water System, Column 11 "existing available water form sources", could you please confirm if "0.154" mgd for WTD, is obtained from the most recent Water supply plan?

Thanks
Valli

From: Scott Bighinatti <SBighinatti@mminc.com>
Sent: Thursday, March 22, 2018 11:34 AM
To: Srivalli Sukuru <ssukuru@woodardcurran.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Sorry, I forgot to mention - the data for Woodlake is also included in Appended Tables 1, 2, 3, and 4, as those tables include all Community Water System data. Hope that helps!

Scott J. Bighinatti, MS, CFM
Lead Environmental Scientist

MILONE & MACBROOM
99 Realty Drive, Cheshire, CT 06410
203.271.1773 x 204 | mminc.com
Facebook | Instagram | LinkedIn | Twitter

From: Srivalli Sukuru [mailto:ssukuru@woodardcurran.com]
Sent: Thursday, March 22, 2018 11:31 AM
To: Scott Bighinatti <SBighinatti@mminc.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Thanks Scott – we will review the information in the integrated report for Woodlake and get back to you if we have any questions.

From: Scott Bighinatti <SBighinatti@mminc.com>
Sent: Thursday, March 22, 2018 11:26 AM
To: Srivalli Sukuru <ssukuru@woodardcurran.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Hi Valli –

The *Final Water Supply Assessment*, dated December 2016, uses 2015 calendar year demand data (at best), or older demand data if 2015 data wasn't available. The most current data for Woodlake Tax District we had available at the time of the *Final Water Supply Assessment* was the PURA annual report submitted for the fiscal year ending June 30, 2012.

Please note that 2016 calendar year demand data for Woodlake Tax District that you provided is included in the *Integrated Report* (specifically, Appendix B) which was just released for public comment.

Scott J. Bighinatti, MS, CFM
Lead Environmental Scientist

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From: Srivalli Sukuru [mailto:ssukuru@woodardcurran.com]
Sent: Wednesday, March 21, 2018 5:07 PM
To: Scott Bighinatti <SBighinatti@mminc.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Hi Scott

I have a quick question on Appendix D of Western WUCC final Water Supply Assessment report.

What is the source of the average day demands in the table in Appendix D "Summary of Margin of Safety for Water Supply System <1000 people"? Is it 2016 or 2017 data?

Please clarify so I can check my clients data.

Thanks
Valli

From: Scott Bighinatti <scottb@miloneandmacbroom.com>
Sent: Monday, October 9, 2017 11:19 AM
To: Srivalli Sukuru <ssukuru@woodardcurran.com>
Subject: RE: WUCC 2017 Integrated Data - Woodlake Tax District

Thank you!

Scott J. Bighinatti, CFM
Lead Environmental Scientist

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Please consider the environment before printing this e-mail.

From: Srivalli Sukuru [mailto:ssukuru@woodardcurran.com]
Sent: Friday, October 06, 2017 11:25 AM
To: Jeanine Gouin <jeanineg@miloneandmacbroom.com>; Scott Bighinatti <scottb@miloneandmacbroom.com>; Dave Murphy <davem@miloneandmacbroom.com>
Cc: Jeff <manager@woodlakect.com>; Don Iannicelli <diannicelli@woodardcurran.com>; Shelby Beauchemin

<sbeauchemin@woodardcurran.com>
Subject: WUCC 2017 Integrated Data - Woodlake Tax District

Good Morning All

On behalf of Woodlake Tax District, please see attached data as requested via CT DPH WUCC emails sent on Sep 28, 2017 and June 23, 2017.

Please let me know if you need any other information.

Thanks
Valli
Srivalli B. Sukuru, P.E.
Project Engineer
Woodard & Curran Inc. • Middlesex Corporate Center
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Connecticut Department of
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PROTECTION

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April 18, 2018

Water Utility Coordinating Committee Chairpersons
c/o Brendan Avery, Recording Secretary, Central WUCC, via email;
c/o Samuel Alexander, Recording Secretary, Eastern WUCC, via email;
c/o David Banker, Recording Secretary, Western WUCC, via email

RE: Comments on WUCC Integrated Reports

Dear Water Utility Coordinating Committee Chairmen and Members;

The Connecticut Department of Energy and Environmental Protection (DEEP) has completed its review of the Integrated Report. Thank you for the opportunity to participate in the WUCC process. DEEP is supportive of the WUCC planning process and the effort the utilities have put into developing the reports.

The Integrated Report makes a number of findings and recommendations, summarized in Table 12-1, which DEEP supports. In particular, DEEP encourages:

1. Refinement of the projected demands as new Individual Water Supply Plans are completed and can be incorporated into the overall projections. This would include refinement of the impacts of the Streamflow Regulations as more realistic impact analyses are included.

2. Further discussions and adjustments to the methodology for calculation of available water to meet MMADD, which could mitigate the apparent need for water in a number of systems across the state.

3. Use of interconnections to address supply deficits and increase system resiliency. However, it is also important to acknowledge the resiliency and environmental benefits of having multiple small sources.

4. Meeting with regulatory agencies early in the source development process and complete analysis of potential environmental impacts when developing new sources.

5. Continued coordination and work with the state agencies on drought management and water conservation to improve water efficiency.

Each regional WUCC report lists water utilities which are evaluating development of additional sources of supply, including regionally significant supplies. The overall analysis and scale are appropriate for the Integrated Report, but it should be noted that environmental and fisheries concerns have been raised for several of the sources mentioned that would factor into diversion permitting for those sources when proposed for development.

DEEP noted several items in the Integrated Report where clarification may be helpful, as follows (page numbers are from the Western Report):

1. Section 2-10, page 2.2, 2nd para: First of many times "water efficiency" is used in this document, however it is not defined or explained to any degree. Examples of efficiency should be included.

2. Section 2.3, page 2-13, 1st complete paragraph, 1st sentence: could be more explicit on what the "current process" is.

3. Section 2.4.1, page 2-14, last paragraph, last sentence: a short explanation on why warmer temperatures mean lower water quality could be added here.

4. Section 2.4.1, page 2-15, in-depth discussion of available water vs. safe yield seems out of place here in the climate change section. This would be more helpful in previous section 2.3, however, retain some basic concept of relation between climate change and safe yield here in 2.4.1.

5. Section 3.6, page 3-28, text box: Assumptions based on extrapolation of available data could easily under- or over-predict the effects of the regulations, that's precisely why system-specific evaluations are necessary. This text box needs to be corrected.

6. Section 3.6, page 3-28, 5th and 6th bullet: Include brief explanation of "RGQ80" bioperiod reference, and insert "cfs" after flow rates.

7. Section 3.6, page 3-28: include mention of Waterbury being exempt due to Shepaug Reservoir flow plan.

8. Section 5.2.2 - May wish to add at end: In general, DEEP interconnection permitting considerations include 1) the overall need for, or ability to provide water for the interconnection based on individual water supply planning, 2) opportunity to increase water supply through decreased unaccounted for water and/or increased conservation in lieu of the requested transfer, 3) potential for environmental impact at the transfer source.

9. Section 7.4, page 7-4, second to last paragraph, second sentence, "…if the project is regulated by a federal agency, such as (USACE) **or (FERC)**." FERC added here as a possible trigger for 401 Water Quality Certification.

10. Section 7.4, page 7-5, second paragraph, first sentence, "…environmental groups can ~~pose~~ **petition** for restrictions on water supply development…"

11. Section 7.4, page 7-6, "The Connecticut Environmental Policy Act (CEPA) was used beginning in the late 1990s as a basis for intervention in a diversion permit application. The State Supreme Court, opening the door for the use of CEPA to oppose diversions, upheld this intervention." Reference citation for court decision should be provided in footnote. The DEEP Legal Office hasn't been consulted, however the diversion program is unaware of this specific precedence.

12. Section 8.0, page 8-1, 3rd para, "It is assumed that permits would not be issued for the development of a source where the yield is greater than 50% of the 7Q10 flow. While permit criteria varies depending on the resource, 50% of the 7Q10 is used ~~as~~ for planning purposes" (note typo). This criterion is too general. DEEP General Permit for Diversion of Water for Consumptive Use uses 5% of 99% durational flow as a cutoff for minimal environmental effect. Please at least explain the rational, behind choosing this number.

13. Section 8.0, page 8-1, last para, 1st sentence: Diversion permits are not riparian rights – the permits allow reasonable use of the water, but do not constitute a "water right". A legal interpretation is not really appropriate in a planning document of this nature. We recommend striking this paragraph.

14. Section 11.1, page 11.1, 2nd to last para: "Competing uses must also be addressed, including the potential impacts on existing diversions, active and passive recreation, aesthetics, downstream waste assimilation, **archaeological resources**, and other downstream uses."

15. Section 11.2, page 11.3, "If the wellfield is completed in stratified drift, **and serves more than 1000 people,** the numerical modeling completed in accordance with the **Aquifer Protection Area** Level A **Mapping** regulations is used to predict the response of the aquifer and watercourses under different pumping scenarios."

16. Section 12.0, page 12-1, "These volumes of water are unlikely to be developed in the **(?)** or nearby the region." Missing something here.

If you have any questions on the above comments, please do not hesitate to contact me at (860) 424-3724 or corinne.fitting@ct.gov.

Sincerely,

Corinne Fitting
Supervising Environmental Analyst
Division of Water Planning & Management
Bureau of Water Protection & Land Reuse

Cc: Lori Mathieu, Chief, DPH Drinking Water Section

Scott Bighinatti

From: Jeanine Gouin
Sent: Friday, April 20, 2018 4:00 PM
To: Scott Bighinatti; Dave Murphy
Subject: FW: WUCC

Follow Up Flag: Follow up
Flag Status: Flagged

FYI, below. This is an internal comment, not a public comment.

Jeanine Armstrong Gouin, P.E.
Vice President

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From: Brendan Avery <bavery@hazardvillewater.com>
Sent: Friday, April 20, 2018 3:36 PM
To: Jeanine Gouin <jgouin@mminc.com>; dradka@ctwater.com; Bart Halloran <BHalloran@mdctlaw.com>
Subject: FW: WUCC

From: Peter Hughes [mailto:planner@marlboroughct.net]
Sent: Thursday, April 19, 2018 3:31 PM
To: bavery@hazardvillewater.com
Subject: WUCC

Hi Brendan,

Marlborough's comments:

The CAT score map should be made an exhibit.

Table D-1 consider sorting by Town versus user

Recommend interconnection between Hillside with AWC or Town to be a consideration

Interconnections action strategies should be in the report not just pointing out possibilities.

The interconnection of NTCS needs to be examined versus the continual construction of side by side by side, and across the street stand-alone NTCS continually developing. If viability of the small community is a concern then the care and management of the NTCS is just as much if not more of a concern for water quality and consumption. The NTCS is the hole in water conservation efforts, all the larger providers have been doing this for a long time while the 4,500 NTCS goes on without guidance and oversight of conservation efforts. The report needs to strongly urge ,recommend or

whatever term is appropriate that DPH turn to educating and oversight of the development and management of NTSC, not just small community systems.

Did not see the Town water projections shown.

Regards,

Peter F Hughes
Planning & Development Director
Town of Marlborough

Comments Regarding the Central WUCC Integrated Report
April, 2018

I have been concerned throughout the process that environmental issues were not being addressed. Now that they have been included in the Integrated Report, I remain concerned.

My concerns fall into two categories; the lack of adequate and up to date environmental and climate change information, and failing to acknowledge their importance.

While the report identifies higher temperatures, increased precipitation and droughts as problems, these are referenced without the full discussion they deserve. As an example I offer the following expected effects of climate change obtained from both the Land Trust Alliance's *Conservation in a Changing Climate*, and the USDA U.S. Forest Service Climate Change Resource Center.

- Surface water supply will be increasingly threatened by invasive species through species migration as temperatures rise.
- Open water, which is directly exposed to sunlight, is most dramatically affected. The 2014 National Climate Assessment reports that increasing air and water temperatures result in more intense precipitation and runoff. Intensified droughts can decrease river and lake water quality in many ways, including increases in sediment, nitrogen, and other pollutant loads.
- As temperatures rise, the oxygen concentration of water declines.
- Algal blooms may begin earlier in the season, and last longer into the fall.
- As air and water temperatures increase, evaporation also increases, which may alter ecosystems, making native species more susceptible to die-off from competition with invasive species and in some cases more at risk of disease.
- Climate change can change the timing and quantity of stream flows, the salinity of surface and ground water, and the character of riparian and upland vegetation.
- Anthropogenic factors such as water withdrawals, dam construction, species introductions, and habitat degradation are expected to exacerbate climate change impacts on warm water fauna.
- During droughts, groundwater recharge will decline as temperature increases and rainfall decreases.
- Increasing groundwater extraction will further deplete aquifers, placing additional strain on surface water resources
- Because aquatic habitats integrate upstream and upslope activities, and because we lack even basic knowledge about so many aquatic taxa, habitat protection and restoration efforts may be most effectively applied to whole ecosystems at watershed or even regional scales Solid understanding of a region's physical and biological processes will facilitate prioritizing habitat protection and restoration actions for maximum effectiveness.

- Managing ecosystems for maximum resiliency will favor species persistence in the face of climate change. Possible ways to address this:
  - Maintain natural hydrograph. Generally, more water is a system mean less susceptibility to extreme temperatures and desiccation by drought.
  - Maintain groundwater levels. Drainages with more groundwater inputs appear to be somewhat more resilient to climate change impacts.
  - Ensuring adequate flows will help ameliorate water quality issues
  - Rising temperatures dictate continued adherence to water quality standards and will be essential to maintaining native warm water fauna.

The report is not strong enough in recognizing that climate change is a scientific fact not a possibility. Sea level rise is not *likely* to occur, it is occurring and happening at a faster rate that was anticipated. Climate change is not an event that will happen in the future. Its effects are being experienced now and planning needs to recognize that.

The report uses the droughts of 1960's as the worst drought in history. But the worst is now the recent drought of 2016. Droughts in the future will be hotter, of longer duration, and more frequent. The characteristics of droughts in the past are not good predictors of the future.

An example of the kind of thinking in this report is the evaluation of the potential impact of developing a well field along the CT River. It concludes that since the river is already degraded and not appropriate for recreation or fishing, the impacts related to the wells would be minimal, making this an ideal place for well development. It's as if the waters are of poor quality so what we do to them won't matter. There is work being done to improve the quality of the CT River, as the MDC is quite aware. They are spending billions of dollars to do just that. Future decisions about developing a well field there needs to consider that the quality of the water in the CT River is likely to improve.

A plan is only as good as the information that goes into it. For this report to truly address environmental concerns it needs to start with accurate information and a belief that environmental information is important.

Judy Allen
jdyallen@aol.com

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Drinking Water Section

April 20, 2018

Western Water Utility Coordinating Committee
Central Corridor Water Utility Coordinating Committee
Eastern Water Utility Coordinating Committee

Dear WUCC Committee Recording Secretaries:

The Connecticut Department of Public Health Drinking Water Section would like to thank you for the opportunity to review and comment throughout the WUCC process, in particular this opportunity regarding the Integrated Reports of the three WUCCs.

Among the findings and recommendations as a result of this process, the Department supports and encourages the following:

1. The reports correctly note that water utilities should re-evaluate and update future available water demand projections that may be out of date.

2. The WUCCs should foster and support aggressive interagency planning between utilities, councils of governments, and municipalities to ensure future water planning strategies are considered through all aspects of land use development and goals.

3. The WUCCs are encouraged to explore water efficiency and conservation and determine what these concepts means to utilities, why it is important, and how they can help develop efficiency projects, initiatives and education.

4. The WUCCs are encouraged to continue to develop strategies to involve small community and non-transient non community public water systems. These strategies could be aligned with the Department's policy changes following the 'three storms'. Information produced through the Capacity Assessment Tool (C.A.T.) scorecards can be

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used to develop strategies with regard to failing/struggling small public water systems. The WUCCs can stress the importance of, and create a direct link to, UCONN's Connecticut Institute for Resilience and Climate Adaptation (CIRCA) study and its relation to projected need planning.

5. Encourage utilities to fund resiliency projects instead of developing new sources when planning for future demand projections.

6. The report should emphasize the importance for utilities to explore joint development of sources and or resources.

7. Encourage implementation of the Drinking Water Quality Management Planning (DWQMP) process to improve source water protection within watersheds, especially for those whose watersheds span multiple communities. Involvement at the local level and implementation of protective ordinances/initiatives (such as low impact development) will provide protection as well as water quality benefits, such as lower nutrients and lower risk of harmful algal blooms.

8. The WUCCs can coordinate with the Department's Drinking Water State Revolving Loan Fund to facilitate regional infrastructure and small system projects.

Overall, the Department believes these reports to be comprehensive and thoughtful. They will be valuable and useful for Connecticut. Should you have any questions or concerns regarding these comments, please contact us at 860-509-7333.

Sincerely,

Lori Mathieu
Public Health Section Chief
Drinking Water Section

Eric McPhee
Supervising Environmental Analyst
Drinking Water Section

Richard Iozzo
Environmental Analyst
Drinking Water Section

cc: Milone and MacBroom, Inc.

Scott Bighinatti

Subject: FW: Western PWSMA Integrated Report

From: Len DeJong <LDeJong@pomperaug.org>
Sent: Thursday, April 26, 2018 12:33 PM
To: russellposthauer@ccaengineering.com; 'Daniel Lawrence' <DLawrence@aquarionwater.com>; 'Banker, David' <DBanker@themdc.com>
Cc: Dave Murphy <DMurphy@mminc.com>
Subject: Western PWSMA Integrated Report

Western WUCC Chairpersons,

Introduction

Thank you for the opportunity to submit comment on the Western PWSMA Integrated Report ("Report") on behalf of the Pomperaug River Watershed Coalition ("PRWC"). As you know, PRWC had submitted earlier remarks on October 13, 2016 following our review of the Preliminary Water Supply Assessment. We appreciate this opportunity and understand that our comment is being submitted to you after the close of the public comment period due to other PRWC obligations. As such, our comment is not intended to revise the Report but rather to specifically address a gap in how the WUCC will consider the existing unbalance between out-of-stream and in-stream uses in its future decision making.

PRWC Background

The Pomperaug Watershed is approximately 90 square miles with watershed lands in the following communities: Bethlehem, Middlebury, Morris, Roxbury Southbury, Washington, Watertown and Woodbury. In addition, PRWC considers the Town of Oxford as a coalition partner as the recipient of Pomperaug Aquifer water supply from the Heritage Village/CT Water Company.

PRWC was founded in 1999 as a non-profit organization for the purpose of protecting the Pomperaug Watershed water resources (surface and groundwater) through the use of science and research. Scientific data goes as far back as the late 1800's when USGS identified the geology of Pomperaug Watershed as a means to further its research and apply that data in other areas of the U.S. We consider educational outreach to be a hallmark of what we do.

Report Comment

Section 12.0 of the Report ("Recommendations and Prioritization") is void of any findings related to stressed basins as identified in the proposed State Water Plan. As such, Report priorities are not aligned with correcting locations known to foster that unbalance. In the earlier Section 8.0 ("Potential Impact on Other Uses of Water Resources") discussions on groundwater and interconnects is very limited to those identified by Aquarion Water Company ("AWC"), most notably the future activation of the Housatonic Wellfield.

The Report does not discuss identified stressed basins but more importantly appears not to set a go-forth process on how to examine the unbalance when the WUCC is called upon to make a decision that may affect that balance. The Report does contain a description of regulatory processes, regional and local planning that will have a positive impact. It is also encouraging to read about how enhancements such as water conservation will have a positive influence.

To address the concern stated above, PRWC recommends that the WUCC re-visit (using developing State Water Plan data) where unbalance exists between out-of-stream and in-stream needs and then develop a process that becomes "built-in" to the WUCC review process. That would included future examination of water use impacts on sub-regional basins yet not identified in the State water planning process. The idea of knowing where the unbalance exists, or where it may exist based on a future decision by the WUCC, is critical to long term effective planning. As an example, when the WUCC elects to re-assign an ESA the question needs to be asked if that re-assignment benefits correcting a know water balance deficiency or protects from a new one being created.

Closing

I appreciate the opportunity to submit these remarks and for your consideration of them. PRWC also appreciates the amount of effort that went into the planning and development of the Report. I believe that I can speak for the CT environmental community that we are available to assist you and would welcome that opportunity.

Len DeJong

Leendert (Len) T. DeJong
Executive Director
Pomperaug River Watershed Coalition
203-263-0076

Please visit us at: www.pomperaug.org

APPENDIX B

SUMMARY OF PROCESS USED TO PROJECT PUBLIC WATER DEMANDS

B. SUMMARY OF PROCESS USED TO PROJECT PUBLIC WATER DEMANDS

As required by RCSA Section 25-33h-1(d)(C)(i), the Integrated Report is required to project public water demands for the Western PWSMA as a whole, for each municipality within the area, and for each ESA. The amount of safe yield (or, as used herein, available water) also must be reported for the Western PWSMA and for each ESA. Given the number of public water systems in the Western PWSMA and the wide range of information available for each system, a variety of methods were utilized to determine existing and projected demands.

CWS demands were originally developed in 2016 for the *Final Water Supply Assessment.* In September 2017, all public water systems were invited to provide usage data for ADD, MMADD, and PDD for calendar year 2016, with estimated ADD in terms of residential, nonresidential, and unaccounted-for water use, and available water. The information provided by public water systems was supplemented with other estimates where necessary as discussed below. Tables B-3 through B-6 at the end of this Appendix present the raw tables used to develop the summaries of existing public water demands and projected public water demands in the Western PWSMA. Summaries of these data are presented in Section 3.0 of this report.

B.1 Community Water Systems

B.1.1 Existing Water Demands (2015-2016 Data)

The *Final Water Supply Assessment* (December 2016) included actual or estimated water demands for each community public water system within the Western PWSMA for the calendar year 2015. All CWSs were invited to provide usage data for ADD for that calendar year in fall 2016. When actual data were not available, the most recent data available were taken from WSPs, PURA annual reports, DEEP water diversion permits and related applications, and sanitary surveys prepared by DPH. Data sources for various systems included the following:

- AWC: Provided 2016 data and projection data for all systems, supplemented with 2016 PURA annual report and information in 2006 WSP;
- Bethel Water Department: Provided 2011-2015 averages for current data, projection data from 2007 WSP;
- Bristol Water Department: Used 2011-2012 PURA annual report for current data, projection data from 2013 WSP;
- Calvary Independent Baptist Church (Redding): Provided 2016 data for system;
- Candlewood Shores Tax District: Used 2013-2014 PURA annual report for current data, projection data from 2008 WSP;
- CWC: Provided 2016 data and projection data for large systems, 2016 PURA annual report response used for other systems, supplemented with information in 2008 WSP;
- Danbury Water Department: 2015 data and projection data taken from 2017 WSP;
- Fairfield Hills: Used 2012 WSP for current and projected data;
- Heritage Village Water Company: Used 2016 PURA annual report for current data, projections from 2016 WSP;
- Landmark Academy (Redding): Provided 2016 data and projection data for system;

- Meriden Water Division: Used 2011-2012 PURA annual report for current data, projection data from 2007 WSP;
- New Hartford WPCA: Used 2012-2013 PURA annual report for current data, projection data from 2005 WSP;
- Norwalk First Taxing District: Provided 2015 data, projection data from 2012 WSP, supplemented with 2011-2012 PURA annual report;
- Sharon Water Department: Used 2012-2013 PURA annual report for current data, projection data from 2002 WSP;
- SCCRWA: Provided 2016 data and projection data for system, supplemented with information in 2009 WSP and 2011-2012 PURA annual report;
- South Norwalk Electric & Water: Provided 2011-2015 annual average for current data, projection data from 2006 WSP, supplemented with 2011-2012 PURA annual report;
- Southbury Training School: Used 2007 WSP for current and projection data;
- Southington Water Department: Used 2011-2012 PURA annual report for current data, projection data from 2001 WSP;
- Torrington Water Company: Used 2016 PURA annual report for current data, projection data from 2009 WSP;
- Wallingford Water Department: Provided 2016 data and projection data for all systems, supplemented with information in 2017 WSP;
- Waterbury Water Department: Used 2011-2012 PURA annual report for current data, projection data from 2007 WSP;
- Watertown Fire District: Used 2012 WSP for current and projection data;
- Watertown Water & Sewer: Used 2011-2012 PURA annual report for current data for systems, projection data from 2009 WSP;
- Wellspring Foundation (Bethlehem): Provided 2016 data and projection data for all systems;
- Winsted Water Works: Used 2011-2012 PURA annual report for current data, projection data from 2007 WSP;
- Wolcott Water Department: Used 2011 WSP for current and projection data; and
- Woodlake Tax District: Provided 2016 data and projection data for system.

For many small CWSs, water demand information was not available. In such cases, water demands were estimated in the *Final Water Supply Assessment* based on the CPCN design standard of 75 gallons per person per day. The same estimation method was used for new systems developed between 2016 and September 2017 that did not respond to the data collection request. The date of the DPH public water system list utilized to develop the projections in this *Integrated Report* is September 2017.

For large CWSs (those serving 1,000 people or more), a breakdown of water usage between residential and nonresidential consumption is typically provided in the WSP. For systems that did not respond to the 2017 data collection request, WSPs, PURA annual reports, and in some cases estimates based on aerial photography (e.g., numbers of houses, or sizes of nonresidential structures) were used to estimate the types of potential water demands within an area.

For smaller CWSs, the majority of these systems are entirely residential such that nonresidential demands were estimated to be zero. Where such systems were known to include nonresidential uses (either due to a data collection response, inclusion in a WSP, or from review of aerial photography and land use), a nonresidential demand estimate or actual number was provided.

Unaccounted-for water was reported if available in WSPs and PURA annual reports, or was otherwise left as zero due to the lack of information available. It is recognized that for some systems (e.g., apartment buildings with internal piping) an unaccounted-for water of zero is appropriate (because leaks within the building would become obvious); for other systems with underground water mains between service connections, some increment of water is likely lost.

Many of the larger CWSs and some of the smaller CWSs have interconnections with other public water systems. For those interconnections that can be actively used, any transfers and/or sales of water between the systems were tracked. In this way, the total ADD of the system (which includes the sale or transfer of water) can be modified into a system-specific ADD (the water usage within the specific public water system). Similarly, available water for each system was calculated based on the amount of water available from sources and interconnections as modified for commitments made between systems.

Most of the larger CWSs as well as some of the smaller CWSs lie in one or more towns. In order to properly calculate the amount of public water supply demand in each town in the Western PWSMA, demands on such systems were estimated within each town. For residential demands, in most cases residential service area population was available from WSPs or PURA annual reports, and in other cases, an estimated service area population could be developed by reviewing the system boundary versus aerial photography. The estimated residential service population and the utility's per-capita residential demand value were used to estimate residential demand in each town. Nonresidential demands were typically based on data available in WSPs, estimated from aerial photography and the septic design flow[17] of 0.1 gallons per square foot, or back-calculated based on other known quantities (residential demand, unaccounted-for water, and ADD). When not specifically estimated, nonresidential demands were estimated by apportioning by percentage of population.

An estimate of water movement was developed between each town in a system to ensure proper calculation of excess available water. In some cases, a system may have a commitment to sell water to another utility in a municipality where it does not have any sources. This is shown by the system having a negative available water from its sources, and the system in that town may also show a deficit for meeting ADD. While the tables in this appendix depict such data by town based on regulatory necessity, such data is more appropriately viewed at the system level. Therefore, judgement is required by the reader when reviewing the data in the appendix tables, and the reader is reminded that Section 3.0 of the *Integrated Report* summarizes the pertinent data on demands and projections for each system.

B.2.2 Projected Water Demands

MMI did not develop new projections for any water systems. Water demand projections were available for all of the large CWSs and some of the smaller CWSs, either provided through a data collection response or available in a WSP. As noted in the *Final Water Supply Assessment*, not all WSPs use 2015 or 2016 as the base year for projections. In such cases, the projections were advanced to the current planning horizons, except where existing data is greater than the projection. For example, if the current demand exceeded the projected demand for a system for the 5-year planning period, the current demand level would be maintained for that planning horizon. Given the age of some WSPs, this occurred frequently for the 5-year planning horizon and more rarely for the 20-year planning horizon.

[17] CT DPH Technical Standards for Subsurface Sewage Disposal Systems as revised through January 1, 2015: http://www.ct.gov/dph/lib/dph/environmental_health/environmental_engineering/pdf/011916_final_technical_standards.pdf.

Projections are provided for residential service population, residential demands, nonresidential demands (including sales of water to other utilities), and unaccounted-for water. When a WSP reported a goal or specific figure for future unaccounted-for water, that figure was used for the projection. For most large systems, nonresidential demand projections were back-calculated from projected residential demands, unaccounted-for water, and ADD. For most small CWSs, projected demands were held consistent with existing ADD as these systems largely serve one development or parcel and are not expected to expand unless an expanded ESA was awarded. However, specific projections were included for small community systems when provided by that system in a data collection response or WSP.

Sales projections were based on the system needing the water. If water was being used to supplement an existing supply, the sales to that system were held constant across the planning horizons. For consecutive systems receiving all of their water from another utility, the projected demand of the receiving utility was used to calculate projected sales for the source utility. Thus, in some cases, projected sales for resale for the source utility may differ from projected sales values reported in WSPs. The benefit of using this method is that when an interconnected utility is projected to have higher demands than its presently available water, the available water deficit is assigned to the utility with the need and not the utility selling the water.

As the purpose of the available water analysis is to determine where new sources will be needed, available water for community systems was generally held constant through the planning horizons. The surpluses and deficits of available water are discussed at the end of Section 3.0 and drive additional analyses in this report. Available water is held constant regardless of expiration of water diversion permits, sale of excess water permits, or contracts – in all cases, renewal is assumed through the 50-year planning horizon. In rare cases, available water may be planned to be reduced through abandonment of sources or consolidation of systems, so the available water may change slightly between planning horizons when this information is known. In general, available water is not increased due to planned new or reactivated sources of supply across the planning horizons in order to drive the analysis of available water need.

Zoning in the majority of communities in the Western PWSMA is such that the development of new CWSs is possible. In particular, the desire of many communities for cluster-style developments where homes (and corresponding impervious surfaces) are consolidated sometimes makes it difficult to achieve setbacks for private wells and septic systems. For the purposes of this regional analysis, the development of new CWS ADD was tied to each town's population increase and residential service ratio.

- For towns where population was projected to be lost, it was assumed that no new community systems would be necessary outside of any projections for existing systems.

- For towns where population will be increasing, the existing residential service ratio was used to determine if there would be leftover additional community public water system population after accounting for existing projections from other (usually large) community systems. Any population left over was assigned a demand of 75 gallons per person per day. This additional demand would, in theory, be taken up by an existing CWS or a new CWS developed in the community. For example, the estimated increase in population in Ansonia is 602 (Table 3-4) through the 5-year planning horizon. The residential service ratio in 2023 is 95.9% (Table 3-4). Assuming that the same residential service ratio is maintained, 577 of those new residents will need public water service.

However, since the public water supply residential service population in Ansonia is projected to increase by 1,156 people, the 577 new residents are already accounted for in the projections and no additional water demand is needed.

Table B-1 presents the results of the additional CWS demand analysis, which depicts towns where there is more population growth (and expected resulting public water supply demands) in the region than accounted for by water supply planning projections. Note that not all communities are projected to need new CWSs or have excess CWS demands outside of existing projections, and such communities are not listed in Table B-1. In general, increases of less than 25 residential service population are assumed to occur within existing systems while increases of more than 25 could be the result of a new community water system developed under the CPCN process.

TABLE B-1
Additional Community Water System Demand Projections Not Accounted for in Other Projections

Town	ESA Holder(s)	Additional Residential CWS Service Population and ADD (2023)	Additional Residential CWS Service Population and ADD (2030)	Additional Residential CWS Service Population and ADD (2060)
Bridgeport	AWC	None	1,367 – 102,514 gpd	None
Canaan	ESA Unassigned	79 – 5,961 gpd	80 – 6,024 gpd	None
Danbury	Danbury Water Dept.	None	None	2,676 – 200,733 gpd
Darien	AWC	None	None	4,622 – 346,620 gpd
Derby	SCCRWA	None	122 – 9,150 gpd	None
Fairfield	AWC	None	185 – 13,880 gpd	12,659 – 949,423 gpd
Goshen	Town of Goshen	3 – 225 gpd	1 – 108 gpd	None
Naugatuck	CWC	288 – 21,568 gpd	24 – 1,787 gpd	None
New Canaan	AWC	None	None	1,759 – 131,919 gpd
Newtown	AWC	None	None	1,911 – 143,358 gpd
Ridgefield	AWC	None	None	1,707 – 128,033 gpd
Seymour	AWC	105 – 7,859 gpd	None	None
Stamford	AWC	1,987 – 149,013 gpd	886 – 66,475 gpd	None
Stratford	AWC	929 – 69,701 gpd	1,273 – 95,487 gpd	5,818 – 436,357 gpd
Warren	ESA Unassigned	1 – 74 gpd	None	None
Waterbury	Waterbury Water Dept.	None	2,708 – 203,093 gpd	3,688 – 276,625 gpd
Westport	AWC	None	None	1,673 – 125,490 gpd
Wilton	AWC	None	None	499 – 37,460 gpd
TOTAL		**3,392 – 254,401 gpd**	**6,650 – 498,744 gpd**	**37,014 – 2,776,018 gpd**

Note: Projected demands are based on 75 gallons per person per day.

Finally, in some cases certain ESA holders have made clear that they would extend water mains to serve areas that would otherwise become new satellite CWSs. In such cases, the demands in Table B-1 above may be used as guidance by ESA holders for estimating additional demands in unserved areas of an ESA in the next WSP update.

B.2 Non-community Water Systems

B.2.1 Existing Water Demands (2015-2016 Data)

The *Final Water Supply Assessment* (December 2016) did not include estimates of non-community public water system ADD. In general, actual usage data is not available for many systems as these data are not required to be submitted to DPH. Although NTNC systems have certified operators who record usage data (typically on a weekly basis), many TNC systems are unmetered or, if metered, have meters that are read irregularly. For those non-community systems that did not report water demand information, ADD was estimated based on the CT DPH Technical Standards for Subsurface Sewage Disposal Systems as revised through January 1, 2015 coupled with the estimated nonresidential population served.

In most cases, the ADD for non-community systems is estimated and is likely conservative. The Technical Standards for sewage disposal are purposefully higher than actual water usage to ensure a conservatively large septic system design. Therefore, the ADD reported for these systems should be considered a high-end estimate. Nevertheless, these estimates are useful for determining the potential nonresidential public water supply in an area.

Similar to the small CWSs, residential demands for the non-community water systems were only provided if such service was known or was included in a WSP. The vast majority of non-community systems do not have residential demands. Unaccounted-for water was also left at zero for all non-community systems unless specifically reported in a data collection response.

Finally, the majority of non-community water systems are very small, and available water calculations and demand projections are largely not available. It was assumed that each non-community system had sufficient water to meet its estimated demands. Transfers or sales of water to non-community systems were only reported if available from a data collection response, WSP, or PURA annual report. As available water is not reported for non-community systems, the tables in Section 3.0 referencing available water are titled to regard only CWSs.

B.2.2 Projected Water Demands

Water demands are generally not projected for existing non-community water systems unless data to that effect was provided through a data collection response or in a WSP. Such systems typically only serve one parcel and the vast majority are not expected to expand to serve off-property.

Zoning in the majority of communities in the Western PWSMA is such that the development of new non-community water systems is possible. For the purposes of this regional analysis, the development of new non-community water system ADD was tied to each municipality's population increase.

- For municipalities where population was projected to be lost, it was assumed that no new non-community systems would be necessary.

- For municipalities where population was increasing, it was assumed that nonresidential demands from existing non-community water systems would increase by a percentage equal to the percent gain in population. In other words, when population is increasing it was assumed that additional

public water service at businesses and industry will be necessary, but when population is decreasing the ADD is held steady.

In some cases, an existing large system is projected to expand and incorporate some of the nonresidential demand discussed above. However, new non-community public water systems are often developed in areas separated from or distant from existing service areas, and the associated water demands are minimal. Therefore, they have been included regardless of the presence of a larger system such that projected public water supply demands are conservatively higher.

Table B-2 presents the results of the additional non-community water system demand analysis. Note that not all communities are projected to need new non-community water systems or have additional non-community water system demands due to a decline in population. In general, any increases of less than 50 gpd are expected to come within existing NTNC and TNC systems, while increases of more than 50 gpd are expected to be divided between new NTNC and TNC systems and existing non-community systems. Any new non-community water systems would be developed under the CPCN process.

TABLE B-2
Additional Non-Community Water System Demand Projections Not Accounted for in Other Projections

Municipality	ESA Holder	Additional NTNC and TNC ADD (2023)	Additional NTNC and TNC ADD (2030)	Additional NTNC and TNC ADD (2060)
Canaan	ESA Unassigned	2,019 gpd	2,041 gpd	None
Danbury	Danbury Water Department	508 gpd	466 gpd	1,814 gpd
Derby	SCCRWA	28 gpd	27 gpd	43 gpd
Goshen	Town of Goshen	613 gpd	262 gpd	None
Middlebury	CTWC	567 gpd	304 gpd	441 gpd
Naugatuck	CTWC	36 gpd	29 gpd	None
New Canaan	AWC	None	None	5,125 gpd
New Hartford	New Hartford WPCA	496 gpd	None	None
Newtown	AWC	None	None	7,271 gpd
Norwalk	South Norwalk Electric & Water	4 gpd	5 gpd	29 gpd
Oxford	Heritage Village Water Company	4,656 gpd	2,900 gpd	7,157 gpd
Ridgefield	AWC	None	None	11,095 gpd
Seymour	AWC	29 gpd	16 gpd	None
Stamford	AWC	125 gpd	97 gpd	None
Torrington	Torrington Water Company	141 gpd	139 gpd	None
Warren	ESA Unassigned	36 gpd	6 gpd	None
Wilton	AWC	None	None	1,769 gpd
Winchester	Winsted Water Works	10 gpd	None	None
TOTAL		**9,268 gpd**	**6,292 gpd**	**34,744 gpd**

The demands in Table B-2 above may be used as guidance by ESA holders for estimating additional demands in unserved areas of an ESA in the next WSP update.

B.3 Other Areas Where Potential Demands May Occur Despite Projected Population Decline

Section 6.2 of the *Final Water Supply Assessment* (December 2016) identified several locations where public water service was desired in order to address certain areas of need. These include areas not accounted for in WSP projections or the population-based community and non-community demand projections discussed in Section B.1 or Section B.2. These areas include the following:

- Barkhamsted – Extension of Winsted Water Works down Route 44 to East West Hill Road (vicinity of Sterling Engineering) to facilitate existing commercial and industrial uses;
- Bethlehem – The Town of Bethlehem may develop a small non-community system to consolidate existing systems within its ESA;
- Cornwall – Development of a public water system in West Cornwall is under consideration due to high densities and challenging lot sizes for private wells and septic;
- New Fairfield – Modest expansion of NTNC system to serve a few residences may occur consistent with interconnecting nearby AWC systems; and
- Sherman – A new NTNC public water system may be necessary to address ongoing problems with poor water quality (chloride) in the non-community wells in the town center.

In general, water demand projections for these areas have not been developed and any such projects have an uncertain timetable. However, in all cases, the water demands will be relatively minimal (less than 10,000 gpd) and largely subsume existing non-community demands. Therefore, while it is recognized that new systems may be needed for these areas, inclusion of these demands in the regional projections is not necessary at this time.

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Ansonia	SCCRWA	SCCRWA	C-Large	18106	0.942	0.714	1.655	0.205	1.860	-	1.860	-	-	-	-	3.422	1.562	-	-	-	-
Barkhamsted	Foxridge Apartments-Well 1	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Foxridge Apartments-Well 2	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Rocktree Apartments	ESA Unassigned	C	60	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Barkhamsted	Wallens Hill Apartments	ESA Unassigned	C	50	0.004	-	0.004	-	0.004	-	0.004	0.010	-	-	0.010	-	-	-	-	-	0.006
Barkhamsted	American Legion Sf / Austin F. Hawes	ESA Unassigned	NC	42	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Brass Horse Cafe & Motel	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Log House Restaurant Inc.	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #1	Winsted Water Works	NC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #2	Winsted Water Works	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough - East Beach	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough-Patrol Headquarters	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Peoples S.F./Main Picnic Area	ESA Unassigned	NC	26	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley Drive-In	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley General Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley United Methodist Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Riverton General Store	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sweet Peas Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #1	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #2	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	White Pines Campsite	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Barkhamsted Elementary School	ESA Unassigned	NTNC	360	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Lombard Ford	Winsted Water Works	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Supply Division Headquarters	ESA Unassigned	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sterling Engineering Corp.	ESA Unassigned	NTNC	110	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Beacon Falls	CTWC - Naugatuck Region-Central System	CTWC	C-Large	808	0.043	-	0.043	0.016	0.059	-	0.059	-	-	-	-	0.059	-	-	-	-	-
Beacon Falls	Aquarion Water Co of CT-Valley System	AWC	C-Large	3606	0.219	0.059	0.277	0.025	0.302	-	0.302	-	-	-	-	0.302	-	-	-	-	-
Bethel	Aquarion Water Co of CT-Berkshire Corp	AWC	C	18	0.001	0.037	0.039	0.007	0.045	-	0.045	-	0.120	-	0.120	-	0.010	-	-	0.056	0.064
Bethel	Elmwood Court LLC	Bethel Water Department	C	54	0.004	-	0.004	-	0.004	-	0.004	0.018	-	-	0.018	-	-	-	-	-	0.014
Bethel	Aquarion Water Co of CT-Chimney Heights	AWC	C-Large	1853	0.104	0.062	0.166	0.019	0.186	-	0.186	0.162	-	-	0.162		-	0.002	-	0.001	(0.021)
Bethel	Bethel Water Dept	Bethel Water Department	C-Large	9507	0.562	0.234	0.796	0.140	0.936	-	0.936	1.360	-	-	1.360	-	-	-	-	-	0.424
Bethel	Danbury Water Department	Bethel Water Department	C-Large	229	0.012	0.002	0.014	0.003	0.016	-	0.016	-	-	-	-	0.016	-	-	-	-	-
Bethel	44 Stony Hill Road	AWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	47 Stony Hill Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	76 Stony Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Bennett Memorial Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	His Vineyard, Inc.	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Meckauer Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Meeting House Pub (formerly La Fortuna Restaurant)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Michael's At The Grove (formerly Capellaros Grove)	AWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	New Colony Diner #5	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Old Heidelberg Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Stony Hill Plaza/Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Sunoco, Putnam Park Road	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Kindercare Learning Center Inc.	AWC	NTNC	157	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 1	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 2	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Precious Moments	Bethel Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	North Purchase Elderly Housing	AWC	C	72	0.002	-	0.002	-	0.002	-	0.002	0.013	-	-	0.013	-	-	-	-	-	0.011
Bethlehem	Woodhall School, Inc	AWC	C	68	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.048
Bethlehem	151 Main Street, LLC.	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Square	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Town Hall And Library	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Christ Episcopal Church	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Church of The Nativity	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	First Church of Bethlehem	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Flanders Crossings (formerly Bethlehem Commons)	Town of Bethlehem	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Painted Pony Restaurant	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Sunny Ridge Supermarket	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Theos Pizza	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Day Care	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Elementary School/District 14	AWC	NTNC	406	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Bethlehem	Newport Academy	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	The Wellspring Foundation, Inc.	AWC	NTNC	63	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Wellspring Foundation - Shiloah	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgeport	Aquarion Water Co of CT-Main System	AWC	C-Large	147340	7.967	10.622	18.589	1.350	19.939	-	19.939	-	-	-	-	19.939	-	-	-	-	-
Bridgewater	Aquarion Water Co of CT-Meadowbrook	AWC	C	36	0.002	-	0.002	-	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bridgewater	Bridgewater Commons Condominiums	AWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.037	-	-	0.037	-	-	-	-	-	0.033
Bridgewater	Bridgewater Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Plaza Convenience Store	AWC	NC	262	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Village Store	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	St. Marks Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Burnham School	AWC	NTNC	121	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bristol	Chippanydale Association	Bristol Water Department	C	52	0.001	-	0.001	-	0.001	-	0.001	0.007	-	-	0.007	-	-	-	-	-	0.006
Bristol	Bristol Water Department	Bristol Water Department	C-Large	54512	3.35	1.674	5.020	0.209	5.229	-	5.229	6.870	0.500	-	7.370	-	0.003	-	-	0.233	2.138

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Bristol	CTWC - Naugatuck Reg-Terryville System	Bristol Water Department	C-Large	42	0.002	-	0.002	0.000	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bristol	249 Terryville Road - Bristol	Bristol Water Department	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	735 Terryville Ave	Bristol Water Department	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Chippens Hill Medical Center	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Georges Terryville Market	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Girl Scouts of CT - Camp Carlson	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Orchard House-Indian Rock Nature Preserv	Bristol Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Pebble House-Indian Rock Nature Preserve	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Wojtusik Nursery	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	39 Hop Brook Rd - Apt Complex	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.015	-	-	0.015	-	-	-	-	-	0.012
Brookfield	Aquarion Water Co of CT-Berkshire Corp	AWC	C	66	0.005	0.004	0.009	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Carmen Hill	AWC	C	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Indian Fields	AWC	C	176	0.006	0.003	0.009	-	0.009	-	0.009	0.016	-	-	0.016	-	-	-	-	-	0.007
Brookfield	Aquarion Water Co of CT-Owsc Brookwood	AWC	C	240	0.014	0.018	0.032	0.002	0.035	-	0.035	0.050	-	-	0.050		-	0.020	-	-	0.036
Brookfield	Aquarion Water Co of CT-Owsc Butternut	AWC	C	89	0.004	0.002	0.006	-	0.006	-	0.006	0.029	-	-	0.029	-	-	-	-	-	0.022
Brookfield	Arrowhead Point Homeowners Assn Inc.	AWC	C	296	0.022	-	0.022	-	0.022	-	0.022	0.022	-	-	0.022	-	-	-	-	-	(0.001)
Brookfield	Brookfield Hills Condominium Unit Owners	AWC	C	144	0.011	-	0.011	-	0.011	-	0.011	0.033	-	-	0.033	-	-	-	-	-	0.023
Brookfield	Brookfield Housing Authority	AWC	C	37	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Brookfield	Candlewood Orchards Property Owners Corp	AWC	C	144	0.004	-	0.004	-	0.004	-	0.004	0.040	-	-	0.040	-	-	-	-	-	0.036
Brookfield	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
Brookfield	Aquarion Water Co of CT-Hickory Hills	AWC	C	132	0.008	-	0.008	-	0.008	-	0.008	0.024	-	-	0.024	-	-	-	-	-	0.016
Brookfield	Lake Lillinonah Shores Condos	AWC	C	130	0.010	-	0.010	-	0.010	-	0.010	0.050	-	-	0.050	-	-	-	-	-	0.040
Brookfield	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
Brookfield	Stony Hill Village Condominium Assn	AWC	C	392	0.029	-	0.029	-	0.029	-	0.029	0.050	-	-	0.050	-	-	-	-	-	0.021
Brookfield	Whisconier Village Association, Inc.	AWC	C	123	0.009	-	0.009	-	0.009	-	0.009	0.011	-	-	0.011	-	-	-	-	-	0.002
Brookfield	Woodcreek Village Condominium Assn, Inc	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.013	-	-	0.013	-	-	-	-	-	0.008
Brookfield	Aquarion Water Co of CT-Brookfield Sys	AWC	C-Large	2704	0.132	0.083	0.215	0.064	0.278	-	0.278	0.585	-	-	0.585	-	-	-	0.020	-	0.286
Brookfield	Aquarion Water Co of CT-Western Brookfld	AWC	C-Large	858	0.041	0.007	0.048	0.020	0.068	-	0.068	0.124	-	-	0.124	-	-	-	-	0.000	0.056
Brookfield	Candlewood Shores Tax District	AWC	C-Large	1315	0.056	-	0.056	0.001	0.057	-	0.057	0.132	-	-	0.132	-	-	-	-	-	0.075
Brookfield	18 Old Route 7	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	189 Sports Cafe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	292 Candlewood Lake Rd	AWC	NC	35	-	0.000	0.000	0.003	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	316 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	439 Candlewood Lake Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	70 Candlewood Lake Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	83 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	All-Star Transportation	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Lanes	AWC	NC	30	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood East Beach Club/Marina	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Inn	AWC	NC	75	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Colonial Square Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Cosmos Enterprises	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Extra Space Storage	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Firestone Tires	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Five Guys Famous Burgers	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Fox Hill Inn	AWC	NC	85	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Golden Leaf Chinese Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Golf Quest - Brookfield	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Hearth Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Hi-Way Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Laurel Hill Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Inn	AWC	NC	36	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Panchos & Gringos Mexican Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Rg 49 Federal Road, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Facility	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Station - 138 Federal Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The Dive Shop Aquatic Center	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The White House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Town of Brookfield - Cadigan Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Valley Presbyterian Church	AWC	NC	41	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Wendys Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	1114 Federal Road	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	125 Commerce Drive	AWC	NTNC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Commons	AWC	NTNC	125	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield High School	AWC	NTNC	1150	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Office Park Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Professional Bldg	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Regional YMCA	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Lake Shopping Plaza	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Center Elementary School	AWC	NTNC	527	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Brookfield	Christian Life Academy	AWC	NTNC	148	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Country Kids Club	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Brookfield	Country Kids Play Farm	AWC	NTNC	167	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Elmbrook Plaza	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Felchris - 61 Commerce Drive	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Green Tree Toyota	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Huckleberry Hill Elementary School	AWC	NTNC	830	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Brookfield	Landmark Office Condo Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	McMullin Manufacturing Corporation	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Pharmco Products	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 1	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 2	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Prince of Peace Lutheran Church	AWC	NTNC	58	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph School	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Silvermine Road Water System	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	St Marguerite Bourgeoys Church	AWC	NTNC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	U. S. Post Office - Brookfield	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Whisconier Middle School	AWC	NTNC	1010	-	0.015	0.015	-	0.015	-	0.015	-	-	-	-	-	-	-	-	-	-
Burlington	CTWC - Naugatuck Reg-Collinsville Sys	CTWC	C-Large	120	0.009	0.000	0.009	0.000	0.009	-	0.009	-	-	-	-	0.009	-	-	-	-	-
Burlington	Farmington Line West Condominiums	CTWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.002	-	-	0.002	-	-	-	-	-	(0.002)
Burlington	Woodcrest Association, Inc	CTWC	C	60	0.005	-	0.005	-	0.005	-	0.005	0.021	-	-	0.021	-	-	-	-	-	0.016
Burlington	Bristol Water Department	Bristol Water Department	C-Large	45	0.003	-	0.003	0.000	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
Burlington	Torrington Water Company	Torrington Water Company	C-Large	1900	0.087	0.028	0.115	0.006	0.121	-	0.121	-	-	-	-	0.121	-	-	-	-	-
Burlington	Burlington Highway Dept (Garage)	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Public Library	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Town Hall	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Deep Burlington Fish Hatchery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Sessions Woods Wildlife Management Area	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	The Frozen Gnome	Torrington Water Company	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	YMCA Camp Chase	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Academy	Torrington Water Company	NTNC	105	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Burlington	Lake Garda School	CTWC	NTNC	715	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Canaan	Canaan Water Dept	ESA Unassigned	C	488	0.026	0.011	0.037	-	0.037	-	0.037	0.029	-	-	0.029	-	-	-	-	-	(0.008)
Canaan	Pine Grove Association,Inc.	ESA Unassigned	C	248	0.019	-	0.019	-	0.019	-	0.019	0.006	-	-	0.006	-	-	-	-	-	(0.012)
Canaan	200 Route 7 North	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	251 Route 7 S	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	Camp Isabella Freedman	ESA Unassigned	NTNC	84	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Canaan	Edward R. Hamilton Bookseller	ESA Unassigned	NTNC	150	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Canaan	Housatonic Valley Regional H S	ESA Unassigned	NTNC	750	-	0.014	0.014	0.029	0.042	-	0.042	-	-	-	-	-	-	-	-	-	-
Canaan	Town of Canaan	ESA Unassigned	NTNC	63	-	0.001	0.001	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cheshire	Crestview Condominium Association	SCCRWA	C	84	0.006	-	0.006	-	0.006	-	0.006	0.007	-	-	0.007	-	-	-	-	-	0.001
Cheshire	Meriden Water Division	SCCRWA	C-Large	52	0.003	-	0.003	0.001	0.004	-	0.004	3.100	0.500	-	3.600	-	3.316	-	-	0.220	0.280
Cheshire	SCCRWA	SCCRWA	C-Large	23400	1.217	0.923	2.139	0.264	2.404	0.220	2.184	4.600	-	0.500	4.100	-	0.032	-	-	-	1.884
Cheshire	Southington Water Department	SCCRWA	C-Large	473	0.035	0.010	0.045	0.006	0.052	-	0.052	-	-	-	-	0.052	-	-	-	-	-
Cheshire	Wallingford Water Division	SCCRWA	C-Large	128	0.007	-	0.007	0.001	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Cheshire	Cheshire Public Park Well (Lock 12)	SCCRWA	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Church of The Epiphany	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Hickory Hill Orchards	SCCRWA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cheshire	Mixville Park	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Cheshire United Methodist	SCCRWA	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Curtis Homestead Village	SCCRWA	NTNC	94	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Hideaway	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Congregational Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Town Hall Complex	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Senior	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Sunrise	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Childcare LLC	ESA Unassigned	NTNC	44	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Consolidated School	ESA Unassigned	NTNC	170	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Aquarion Water Co of CT-Cornwall System	AWC	C	101	0.005	0.002	0.006	0.000	0.007	-	0.007	0.050	-	-	0.050	-	-	-	-	-	0.043
Cornwall	Cornwall Water Company	ESA Unassigned	C	48	0.004	-	0.004	-	0.004	-	0.004	0.004	-	-	0.004	-	-	-	-	-	0.001
Cornwall	Kugeman Village	ESA Unassigned	C	54	0.004	-	0.004	-	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.018
Cornwall	25 Kent Road	ESA Unassigned	NC	39	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Main System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Nurse & Winter House)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Inn	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mountain (Pine Lodge System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mtn. Ski Area - Main Lodge	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Railroad Square Plaza (Ne Catering)	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center Dix House-Main	ESA Unassigned	NC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center-Butler Hall	ESA Unassigned	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Wandering Moose Cafe & Catering Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Child Center, Inc.	ESA Unassigned	NTNC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Consolidated School	ESA Unassigned	NTNC	202	-	0.002	0.002	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Danbury	Aqua Vista Assoc, Inc - Lower System	Danbury Water Department	C	128	0.010	-	0.010	-	0.010	-	0.010	0.012	-	-	0.012	-	-	-	-	-	0.002
Danbury	Aqua Vista Assoc, Inc - Upper System	Danbury Water Department	C	260	0.020	-	0.020	-	0.020	-	0.020	0.024	-	-	0.024	-	-	-	-	-	0.004
Danbury	Aquarion Water Co of CT-Cedar Heights	Danbury Water Department	C	385	0.015	0.004	0.019	0.000	0.019	-	0.019	0.030	-	-	0.030	-	-	-	-	-	0.011
Danbury	Aquarion Water Co of CT-Hollandale Est.	Danbury Water Department	C	208	0.010	0.000	0.010	0.001	0.011	-	0.011	-	-	-	-	-	-	-	-	0.011	(0.011)
Danbury	Aquarion Water Co of CT-Ken Oaks	Danbury Water Department	C	158	0.008	0.008	0.016	0.009	0.025	-	0.025	-	-	-	-	-	-	-	-	0.025	(0.025)

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Danbury	Aquarion Water Co of CT-Pearce Manor	Danbury Water Department	C	139	0.006	-	0.006	0.000	0.006	-	0.006	0.025	-	-	0.025	-	-	-	-	-	0.019
Danbury	Aquarion Water Co of CT-Rolling Ridge	Danbury Water Department	C	119	0.007	-	0.007	0.000	0.008	-	0.008	-	-	-	-	-	-	-	-	0.008	(0.008)
Danbury	Aquarion Water Co of CT-Tlwc Indian Sprg	Danbury Water Department	C	252	0.013	0.002	0.015	-	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
Danbury	Candlewood Park Inc	Danbury Water Department	C	500	0.036	-	0.036	-	0.036	-	0.036	0.031	-	-	0.031	-	-	-	-	0.004	(0.004)
Danbury	Cedar Terrace Prop Owners Assn	Danbury Water Department	C	66	0.005	-	0.005	0.001	0.006	-	0.006	0.019	-	-	0.019	-	-	-	-	-	0.014
Danbury	Cornell Hills Assoc, Inc	Danbury Water Department	C	108	0.008	-	0.008	-	0.008	-	0.008	0.050	-	-	0.050	-	-	-	-	-	0.042
Danbury	Danbury Water Dept-Ridgeview Gardens	Danbury Water Department	C	116	0.009	-	0.009	-	0.009	-	0.009	0.012	-	-	0.012	-	-	-	-	-	0.003
Danbury	Danbury Water Dept- Hawthorne Terrace Assoc	Danbury Water Department	C	156	0.012	-	0.012	-	0.012	-	0.012	0.040	-	-	0.040	-	-	-	-	-	0.028
Danbury	Lake Waubeeka Association	Danbury Water Department	C	712	0.053	-	0.053	-	0.053	-	0.053	0.281	-	-	0.281	-	-	-	-	-	0.227
Danbury	Shady Acres Mobile Home Park	Danbury Water Department	C	117	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Danbury	Snug Harbor Development Corp	Danbury Water Department	C	144	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Danbury	Danbury Water Department	Danbury Water Department	C-Large	57102	2.947	2.032	4.979	0.946	5.925	0.100	5.825	8.930	-	0.120	8.810	-	0.016	-	-	-	2.968
Danbury	120 Clapboard Ridge Road	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	184 Great Plain Road	Danbury Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Amber Room	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Business Aircraft Center, Inc.	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Chucks Steak House	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Dairy & Energy Stop	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Elans of Connecticut	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Federal Road Sunoco	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Kentucky Fried Chicken of Danbury, Inc.	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Pappadella's Restaurant	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Richter Park Golf Course	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Subway	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Subway (Mill Plain Road)	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Taormina Restaurant	Danbury Water Department	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	United Methodist Church of Danbury	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Widow Browns Cafe	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Windmill Diner	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Wooster Mountain Gun Club	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	8 Mill Plain Road	Danbury Water Department	NTNC	59	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Boa Plaza	Danbury Water Department	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Cedar Gables Preschool L.L.C.	Danbury Water Department	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Kinder Care Learning Center	Danbury Water Department	NTNC	113	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Little Rascals Nursery School	Danbury Water Department	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Darien	Aquarion Water Co of CT-Noroton System	AWC	C-Large	21038	1.519	1.103	2.622	0.150	2.772	-	2.772	0.350	-	-	0.350		0.010	2.432	-	0.042	-
Derby	Aquarion Water Co of CT-East Derby	SCCRWA	C-Large	1218	0.104	0.032	0.136	0.019	0.154	-	0.154	-	0.150	-	0.150	-	-	-	-	0.154	(0.004)
Derby	SCCRWA	SCCRWA	C-Large	13094	0.681	0.516	1.197	0.148	1.345	0.154	1.191	0.500	-	0.150	0.350	0.841	-	-	-	-	-
Derby	Krauszers	SCCRWA	NC	48	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Aquarion Water Co of CT-Main System	AWC	C-Large	3161	0.267	0.010	0.278	0.020	0.298	-	0.298	14.110	-	-	14.110	-	3.354	-	-	-	10.458
Easton	Connecticut Golf Club	AWC	NC	25	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Easton Racquet Club	AWC	NC	25	-	0.000	0.000	0.077	0.077	-	0.077	-	-	-	-	-	-	-	-	-	-
Easton	Easton Village Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Greiser General Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Lion Hill Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Olde Blue Bird Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Easton	Silverman's Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	St. Dimitrie Romanian Orthodox Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Christ Church	AWC	NTNC	57	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Congregational Church of Easton	AWC	NTNC	58	-	0.000	0.000	0.083	0.083	-	0.083	-	-	-	-	-	-	-	-	-	-
Fairfield	Aquarion Water Co of CT-Main System	AWC	C-Large	49619	4.612	1.441	6.052	0.439	6.492	-	6.492	41.650	-	-	41.650	-	19.939	-	-	-	15.219
Goshen	Aquarion Water Co of CT-Tlwc	Town of Goshen	C	147	0.004	-	0.004	0.001	0.005	-	0.005	0.022	-	-	0.022	-	-	-	-	-	0.017
Goshen	Village Market Place	Town of Goshen	C	25	0.002	0.007	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.001
Goshen	Aquarion Water Co of CT-Litchfield Sys	Town of Goshen	C-Large	18	0.001	-	0.001	0.000	0.001	-	0.001	0.089	-	-	0.089	-	0.051	-	-	-	0.037
Goshen	Ajs Steak & Pizza Restaurant	Town of Goshen	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Camp Cochipianee	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Christ/The Childrens Place	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Latter Day Saints, Goshen	Town of Goshen	NC	137	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Edmund D. Strang Scout Reservation	Town of Goshen	NC	300	-	0.011	0.011	0.001	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Volunteer Fire Dept	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Hemlock Hill Cooperative Camp Resort Inc	Town of Goshen	NC	190	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Goshen	Mohawk Mountain S.F./Handpump	Town of Goshen	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Nodines Smokehouse	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Plaza At 61 Sharon Turnpike	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	St. Thomas of Villanova Church	Town of Goshen	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Valley In The Pines Campground, LLC	Town of Goshen	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Woodridge Lake Association	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Center School/Town Bldgs	Town of Goshen	NTNC	205	-	0.004	0.004	0.010	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Goshen	Torrington Country Club	Town of Goshen	NTNC	280	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Greenwich	Brunswick Middle School	AWC	C	567	0.004	-	0.004	-	0.004	-	0.004	0.015	-	-	0.015	-	-	-	-	-	0.011
Greenwich	Aquarion Water Co of CT-Greenwich System	AWC	C-Large	60605	4.375	7.942	12.317	2.841	15.158	4.128	11.031	15.200	-	5.000	10.200	-	-	-	-	-	(0.831)
Greenwich	Camp Simmons - Well #1	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	Camp Simmons - Well #2	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	E.T. Seton Boy Scout Camp - Dorms	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Greenwich	E.T. Seton Boy Scout Camp - Main Bldg	AWC	NC	25	-	0.001	0.001	0.060	0.061	-	0.061	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Concession)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Maintenance)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	National Audubon Society (Main Building)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	North Greenwich Congregational Church	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Store/Service Station	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Agnes Church	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Barnabas Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Timothy Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Congregational Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Fairview Country Club	AWC	NTNC	435	-	0.013	0.013	-	0.013	-	0.013	-	-	-	-	-	-	-	-	-	-
Greenwich	First Church of Round Hill	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Greenwich American Center	AWC	NTNC	800	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Greenwich	Harvest Time Assembly of God	AWC	NTNC	119	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	High Tower Trading LLC	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Parkway School	AWC	NTNC	514	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Community Church	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Club	AWC	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Sutton Land, LLC	AWC	NTNC	150	-	0.003	0.003	0.000	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Greenwich	Tamarack Country Club	AWC	NTNC	130	-	0.002	0.002	0.010	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Greenwich	The Stanwich School	AWC	NTNC	150	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Whitby School	AWC	NTNC	350	-	0.004	0.004	0.005	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Hartland	6 Hartland Boulevard	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 1	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 2	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Hartland Elem Sch & Town Bldgs	ESA Unassigned	NTNC	300	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Harwinton	Garden Lane Apartments	Torrington Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.017	-	-	0.017	-	-	-	-	-	0.014
Harwinton	Torrington Water Company	Torrington Water Company	C-Large	2700	0.124	0.040	0.164	0.009	0.172	-	0.172	-	-	-	-	0.294	0.121	-	-	-	(0.000)
Harwinton	207 Birge Park Road - Harwinton	Torrington Water Company	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Dr. David L. French	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Fairview Farms Golf Course & Restaurant	Torrington Water Company	NC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Harwinton	Founders Congregational Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Harwinton Rod & Gun	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Immaculate Heart of Mary	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	283 Litchfield Rd, LLC	Torrington Water Company	NTNC	74	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Birge Park Commons	Torrington Water Company	NTNC	51	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Aquarion Water Co of CT-Kent System	AWC	C	620	0.038	0.024	0.062	0.009	0.071	-	0.071	0.386	-	-	0.386	-	-	-	-	-	0.315
Kent	Brookwoods II	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.026	-	-	0.026	-	-	-	-	-	0.017
Kent	Kent School (Maintenance Well)	ESA Unassigned	C	30	0.002	-	0.002	-	0.002	-	0.002	0.027	-	-	0.027	-	-	-	-	-	0.025
Kent	Kent School Corp (Valley Campus)	ESA Unassigned	C	722	0.054	-	0.054	-	0.054	-	0.054	0.195	-	-	0.195	-	-	-	-	-	0.141
Kent	South Kent School	ESA Unassigned	C	228	0.017	-	0.017	-	0.017	-	0.017	0.037	-	-	0.037	-	-	-	-	-	0.020
Kent	The Marvelwood School	ESA Unassigned	C	220	0.017	-	0.017	-	0.017	-	0.017	0.017	-	-	0.017	-	-	-	-	-	-
Kent	Bulls Bridge Country Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Bulls Bridge Inn	ESA Unassigned	NC	29	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Club Getaway	ESA Unassigned	NC	26	-	0.000	0.000	0.603	0.603	-	0.603	-	-	-	-	-	-	-	-	-	-
Kent	Eric Sloane Museum	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	High Watch Farm	ESA Unassigned	NC	86	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Kenmont & Kenwood Camps	ESA Unassigned	NC	825	-	0.029	0.029	-	0.029	-	0.029	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls Brewing Company	ESA Unassigned	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls State Park	ESA Unassigned	NC	573	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Hockey Rink	ESA Unassigned	NC	108	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Campground Well	ESA Unassigned	NC	300	-	0.011	0.011	-	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Day Use Well	ESA Unassigned	NC	300	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Shop Well	ESA Unassigned	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./ Maintenance	ESA Unassigned	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./Camp Site #30	ESA Unassigned	NC	287	-	0.010	0.010	-	0.010	-	0.010	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Day Care	ESA Unassigned	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Village	AWC	C	96	0.007	-	0.007	-	0.007	-	0.007	0.008	-	-	0.008	-	-	-	-	-	0.001
Litchfield	Fernwood Rest Home	AWC	C	107	0.003	-	0.003	-	0.003	-	0.003	0.028	-	-	0.028	-	-	-	-	-	0.025
Litchfield	Touchstone N.A.F.I.	ESA Unassigned	C	43	0.003	-	0.003	-	0.003	-	0.003	0.011	-	-	0.011	-	-	-	-	-	0.008
Litchfield	Breezy Knoll Association	AWC	C	13	0.000	-	0.000	-	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Litchfield	Aquarion Water Co of CT-Litchfield Sys	AWC	C-Large	2165	0.133	0.104	0.237	0.023	0.260	-	0.260	0.077	-	-	0.077	0.182	-	-	-	-	-
Litchfield	Torrington Water Company	ESA Unassigned	C-Large	156	0.007	0.002	0.009	0.000	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Litchfield	491 Bantam Road	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	920 Bantam Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Cinema	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 2	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 3	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Da Capo Restaurant (formerly The Main Course Restaurant)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Gooseboro Drive-In	AWC	NC	25	-	0.000	0.000	0.002	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Lourdes of Litchfield(Upper&Lower)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Mockingbird Kitchen & Bar	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Northfield Bible Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Northland Properties, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Litchfield	Peaches N Cream	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Saint Pauls Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Stonybrook Golf Club	AWC	NC	32	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Toll Gate Hill Inn & Restaurant	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Topsmead State Park/Chase House	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	West Shore Seafood LLC	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Campground	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Conf. Ctr & Museum	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Wisdom House	ESA Unassigned	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Woods Pit Bbq And Mexican	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Litchfield Montessori School	ESA Unassigned	NTNC	120	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Aquarion Water Co of CT - West Shore	AWC	C	44	0.001	-	0.001	0.000	0.001	-	0.001	0.001	-	-	0.001	-	0.000	-	-	-	0.000
Middlebury	CTWC - Naugatuck Reg - Hillcrest	CTWC	C	120	0.004	-	0.004	-	0.004	-	0.004	-	0.030	-	0.030	-	-	-	-	0.004	0.026
Middlebury	Middlebury Commons	CTWC	C	76	0.006	-	0.006	-	0.006	-	0.006	0.027	-	-	0.027	-	-	-	-	-	0.021
Middlebury	Westover Water Co	CTWC	C	510	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.004
Middlebury	CTWC - Naugatuck Region-Central System	CTWC	C-Large	1,722	0.092	0.061	0.153	0.034	0.187	-	0.187	-	-	0.500	(0.500)	0.187	-	-	-	-	(0.500)
Middlebury	Heritage Water Company	CTWC	C-Large	1120	0.063	0.045	0.108	0.018	0.126	-	0.126	-	0.500	-	0.500	0.294	0.168	-	-	-	0.500
Middlebury	Highfield, Inc.	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (First Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (West Lawn Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Lake Quassapaug Outing Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Maples Restaurant	CTWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Mobil	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Recreation Park	CTWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassapaug Sailing Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Amusement Park	CTWC	NC	325	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Field	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Sandy Beach Swim Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Elementary School	CTWC	NTNC	412	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Hamlet	CTWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Village Square	CTWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	27 Maple Drive	AWC	C	38	0.003	-	0.003	-	0.003	-	0.003	0.003	-	-	0.003	-	-	-	-	-	0.000
Monroe	Aquarion Water Co of CT-Main System	AWC	C-Large	11724	0.714	0.142	0.856	0.062	0.918	-	0.918	-	-	-	-	0.934	0.016	-	-	-	(0.000)
Monroe	179 Main Street - Monroe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	181 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	241 Roosevelt Drive	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	500 Purdy Hill Road	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	588 Monroe Tnpk - Ddh Associates, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	American Pie	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Beacon Hill Evangelical Free Church	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Crescent Village	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Duchess of Monroe	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Dunkin Donuts	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Lake Zoar Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Amoco (G & M Auto)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Food Mart	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Little League Beardsley Fields	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Route 34 Plaza - Monroe	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	The Smithy Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	The Waterview	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Our Lady of The Rosary Chapel	AWC	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Breezy Knoll Association	Town of Morris	C	87	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	0.000	-	-	-	0.024
Morris	Eldridge Elderly Housing	Town of Morris	C	40	0.003	-	0.003	-	0.003	-	0.003	0.005	-	-	0.005	-	-	-	-	-	0.002
Morris	5 Watertown Road (Rt 63) - Morris	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Buddha Ariyamett Aram Temple	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Camp Washington, Inc.	Town of Morris	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	East Morris Xtra Mart/Citgo Gas Station	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Ebner Camps, Inc. (Awosting)	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Giovannis Morris Pizza & Restaurant	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Community Hall And Library	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Field And Community Pavilion	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Popeys Ice Cream Shoppe/Ripe Tomato	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn -Cottage System	Town of Morris	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Integrated Illumination Systems	Town of Morris	NTNC	115	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	James Morris School	Town of Morris	NTNC	258	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	White Flower Farm	Town of Morris	NTNC	95	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn - Main System	Town of Morris	NTNC	55	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Naugatuck	Idleview Mobile Home Park	CTWC	C	138	0.004	-	0.004	-	0.004	-	0.004	0.005	-	-	0.005	-	-	-	-	-	0.001
Naugatuck	CTWC - Naugatuck Region-Central System	CTWC	C-Large	26,041	1.391	0.340	1.731	0.511	2.243	-	2.243	3.960	-	-	3.960	-	0.304	-	-	-	1.414
Naugatuck	982 Rubber Avenue	CTWC	NTNC	90	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Canaan	Aquarion Water Co of CT-New Canaan Sys	AWC	C-Large	10559	0.762	0.769	1.531	0.390	1.921	-	1.921	0.192	-	-	0.192	-	-	5.306	4.610	-	(1.033)
New Canaan	Norwalk First Taxing District	AWC	C-Large	83	0.006	0.005	0.011	0.003	0.014	-	0.014	4.000	-	-	4.000	-	0.004	-	-	-	3.983
New Canaan	Country Club of New Canaan (Halfway)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Grace Community Church	AWC	NC	165	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Country Club of New Canaan (Main Well)	AWC	NTNC	190	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes Foundation - Art Building	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Canaan	St Lukes School	AWC	NTNC	405	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes School Athletic Center	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
New Fairfield	Aquarion Water Co of CT - Dunham Pond	AWC	C	203	0.007	0.000	0.007	-	0.007	-	0.007	0.043	-	-	0.043	-	-	-	-	-	0.037
New Fairfield	Aquarion Water Co of CT-Ball Pond Sys	AWC	C	624	0.030	-	0.030	0.003	0.033	-	0.033	0.050	-	-	0.050	-	-	-	-	-	0.017
New Fairfield	Aquarion Water Co of CT-Fieldstone Ridge	AWC	C	84	0.004	-	0.004	0.000	0.004	-	0.004	0.019	-	-	0.019	-	-	-	-	-	0.016
New Fairfield	Aquarion Water Co of CT-Oakwood Acres	AWC	C	284	0.015	-	0.015	-	0.015	-	0.015	0.029	-	-	0.029	-	-	-	-	-	0.014
New Fairfield	Aquarion Water Co of CT-Owsc Birches	AWC	C	67	0.002	-	0.002	0.000	0.002	-	0.002	0.018	-	-	0.018	-	-	-	-	-	0.017
New Fairfield	Aquarion Water Co of CT-Owsc Possum Rdge	AWC	C	310	0.014	0.000	0.014	0.001	0.015	-	0.015	0.021	-	-	0.021	-	-	-	-	0.000	0.005
New Fairfield	Candlewood Knolls Water Authority	AWC	C	524	0.039	-	0.039	-	0.039	-	0.039	0.043	-	-	0.043	-	-	-	-	-	0.004
New Fairfield	Interlaken Water Company	AWC	C	64	0.005	-	0.005	-	0.005	-	0.005	0.022	-	-	0.022	-	-	-	-	-	0.017
New Fairfield	Knollcrest Tax District	AWC	C	356	0.027	-	0.027	-	0.027	-	0.027	0.047	-	-	0.047	-	-	-	-	-	0.020
New Fairfield	Aquarion Water Co of CT-Timber Trails	AWC	C	51	0.002	-	0.002	0.001	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
New Fairfield	249 Route 39	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	25 Old Route 37	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	4 Cotton Tail Road	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Candlewood Isle Club House	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Commons	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Plaza	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood - Lh	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Icons Sports Bar & Grill (Formerly 80 Route 39)	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Mobil Snack Shop	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Schools Concession Stand	AWC	NC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Candlewood Lake	AWC	NC	333	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Main Well	AWC	NC	200	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	St. Edward Rc Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	74 Route 37, LLC	New Fairfield WPCA	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Fairfield	Consolidated & Meeting House Hill School	AWC	NTNC	1425	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fairwood Professional Building	New Fairfield WPCA	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Heritage Plaza	New Fairfield WPCA	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield High/Middle School	AWC	NTNC	1791	-	0.032	0.032	0.002	0.034	-	0.034	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield WPCA	New Fairfield WPCA	NTNC	275	-	0.006	0.006	0.000	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Hartford	Little Brook Rd Property Owners Assn	New Hartford WPCA	C	64	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
New Hartford	West Hill Lake Water Assoc.	New Hartford WPCA	C	312	0.005	-	0.005	-	0.005	-	0.005	0.035	-	-	0.035	-	-	-	-	-	0.030
New Hartford	New Hartford Water Department	New Hartford WPCA	C-Large	1400	0.076	0.021	0.097	0.007	0.104	-	0.104	0.378	-	-	0.378	-	-	-	-	-	0.274
New Hartford	Torrington Water Company	Torrington Water Company	C-Large	50	0.002	0.001	0.003	0.000	0.003	-	0.003	-	-	-	-	0.297	0.294	-	-	-	-
New Hartford	1165 Litchfield Turnpike	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	97-107 Main Street - New Hartford	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Alcove Motel	New Hartford WPCA	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Hartford	Bershire Hall At Brodie Park	New Hartford WPCA	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Friendship - Well #3)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Loomis - Well #2)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (North-Well #5)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Ranger - Well #1)	New Hartford WPCA	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (South - Well #4)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Bailey	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Campsite	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Dining Hall	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Ski Sundown, Inc.	New Hartford WPCA	NC	600	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
New Hartford	Town of New Hartford - Brown's Corner	New Hartford WPCA	NC	200	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Trinita	New Hartford WPCA	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	West Hill Beach Club, Inc.	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Antolini Elementary School	New Hartford WPCA	NTNC	385	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Bakerville Consolidated School	New Hartford WPCA	NTNC	177	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Hartford	Foothills Shopping Plaza	New Hartford WPCA	NTNC	60	-	0.001	0.001	0.077	0.078	-	0.078	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Carmen Hill	AWC	C	309	0.015	0.004	0.020	0.006	0.026	-	0.026	0.041	-	-	0.041	-	0.001	-	-	-	0.014
New Milford	Aquarion Water Co of CT-Dean Heights Sys	AWC	C	162	0.007	0.000	0.008	0.003	0.011	-	0.011	0.023	-	-	0.023	-	-	-	-	-	0.012
New Milford	Aquarion Water Co of CT-Forest Hills Sys	AWC	C	264	0.008	0.002	0.010	0.004	0.014	-	0.014	0.027	-	-	0.027	-	-	-	-	-	0.013
New Milford	Aquarion Water Co of CT-Meadowbrook	AWC	C	358	0.020	0.000	0.020	0.001	0.022	-	0.022	0.039	-	-	0.039	-	0.002	-	-	-	0.015
New Milford	Aquarion Water Co of CT-Park Glen System	AWC	C	47	0.003	-	0.003	0.000	0.003	-	0.003	0.017	-	-	0.017	-	-	-	-	-	0.014
New Milford	Aquarion Water Co of CT-Pleasant View	AWC	C	217	0.014	0.000	0.014	0.003	0.018	-	0.018	0.036	-	-	0.036	-	-	-	-	-	0.018
New Milford	Aquarion Water Co of CT-Twin Oaks System	AWC	C	149	0.005	-	0.005	0.001	0.007	-	0.007	0.017	-	-	0.017	-	-	-	-	-	0.010
New Milford	Birch Groves Association, Inc	AWC	C	300	0.011	-	0.011	-	0.011	-	0.011	0.050	-	-	0.050	-	-	-	-	-	0.039
New Milford	Candle Hill Mobile Home Park	AWC	C	233	0.017	-	0.017	-	0.017	-	0.017	0.030	-	-	0.030	-	-	-	-	-	0.013
New Milford	Candlewood Springs Property Owners Assn	AWC	C	148	0.011	-	0.011	-	0.011	-	0.011	0.019	-	-	0.019	-	-	-	-	-	0.008
New Milford	Candlewood Trails Association, Inc.	AWC	C	312	0.015	-	0.015	-	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
New Milford	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
New Milford	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
New Milford	Litchfield Hill Condos	AWC	C	126	0.001	-	0.001	-	0.001	-	0.001	0.030	-	-	0.030	-	-	-	-	-	0.029
New Milford	Old Farms Condominium Association Inc	AWC	C	285	0.021	-	0.021	0.006	0.027	-	0.027	0.066	-	-	0.066	-	-	-	-	-	0.039
New Milford	Sunny Valley Tax District	AWC	C	500	0.038	-	0.038	-	0.038	-	0.038	0.050	-	-	0.050	-	-	-	-	-	0.013
New Milford	Aquarion Water Co of CT-New Milford	AWC	C-Large	7042	0.323	0.687	1.010	-	1.010	-	1.010	2.895	-	-	2.895	-	-	-	-	-	1.885
New Milford	358 Danbury Road	AWC	NC	66	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	471 And 475 Danbury Road - New Milford	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Alfredos Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Milford	Bible Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Bridges Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Bucks Rock Camp	AWC	NC	450	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-
New Milford	Bulls Bridge Golf Club	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Candlewood Valley Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Plaza	AWC	NC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Harrybrooke Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Jehovahs Witnesses	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Kent Rd Shopping Center	AWC	NC	25	-	0.001	0.001	0.029	0.030	-	0.030	-	-	-	-	-	-	-	-	-	-
New Milford	Lynn Deming Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	North Country Inn & Restaurant	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Northville Market, Inc.	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Red Carpet Motel	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Motel	AWC	NC	27	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Temple Sholom	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Thai Charm Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Green Spot	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Old Oak Tavern	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Trinity Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Upper Crust Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Commons	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	New Milford Town Garage	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Business & Professional Ctr	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Sunny View Childcare & School	AWC	NTNC	88	-	0.001	0.001	0.105	0.106	-	0.106	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Chestnut Tree	AWC	C	135	0.007	0.001	0.007	0.000	0.007	-	0.007	0.019	-	-	0.019	-	-	-	-	-	0.012
Newtown	Aquarion Water Co of CT-Owsc	AWC	C	460	0.017	0.004	0.021	-	0.021	-	0.021	0.038	-	-	0.038	-	-	-	-	0.000	0.017
Newtown	Cedarhurst Association	AWC	C	72	0.001	-	0.001	-	0.001	-	0.001	0.014	-	-	0.014	-	-	-	-	-	0.013
Newtown	Masonicare of Newtown	AWC	C	504	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.006
Newtown	Meadowbrook Terrace Mobile Home Park	AWC	C	158	0.012	-	0.012	-	0.012	-	0.012	0.019	-	-	0.019	-	-	-	-	-	0.008
Newtown	Aquarion Water Co of CT-Main System	AWC	C-Large	231	0.015	-	0.015	0.001	0.016	-	0.016	-	-	-	-	0.016	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Newtown System	AWC	C-Large	4352	0.226	0.163	0.389	0.203	0.592	-	0.592	1.124	-	-	1.124	-	-	-	0.002	-	0.530
Newtown	Fairfield Hills	AWC	C-Large	695	0.109	0.046	0.154	0.014	0.168	-	0.168	0.666	-	-	0.666	-	-	-	-	-	0.498
Newtown	1 Dodgingtown Road	AWC	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	100 Church Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	130 Mt Pleasant Tavern, LLC (McGuires)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	133 Mt Pleasant Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	144 Sugar Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	160 South Main Street - Newtown	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	316 South Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	4 Riverside Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Botsford Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Burrito Shack	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Cheesebread Factory	AWC	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Christ The King Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Church of Latter Day Saints, Dnbry/Nwtn	AWC	NC	373	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Congregation Adath Israel-115Huntingtown	AWC	NC	202	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dickinson Memorial Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dodgington Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Friendly Service Station (Citgo)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Grace Christian Fellowship	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Development, LLC.	AWC	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Hilarios Variety Store (Citgo)	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Kings Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Lorenzos Restaurant	AWC	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Mistyvale Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Rock Ridge Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Sandy Hook Diner	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	St. Johns Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Sugar Hill, LLC	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Treadwell Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Vibe Cafe LLC	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	7 Berkshire Road - Newtown	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Newtown	Curtis Packaging	AWC	NTNC	180	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Eversource - Newtown Area Work Center	AWC	NTNC	145	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Head O Meadow Elementary School	AWC	NTNC	506	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School - White	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School Ecc-Red	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Rocky Glen Mill	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Tangoe, Inc	AWC	NTNC	123	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Norfolk	Aquarion Water Co of CT-Norfolk System	AWC	C	837	0.046	0.019	0.065	0.018	0.083	-	0.083	0.730	-	-	0.730	-	-	-	-	-	0.647
Norfolk	Blackberry River Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
North Canaan	Aquarion Water Co of CT-North Canaan Sys	AWC	C-Large	1495	0.073	0.129	0.202	0.023	0.224	-	0.224	0.610	-	-	0.610	-	-	-	-	-	0.386
North Canaan	Freunds Farm Market & Bakery	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
North Canaan	Lone Oak Campground	AWC	NC	1250	-	0.044	0.044	-	0.044	-	0.044	-	-	-	-	-	-	-	-	-	-
North Canaan	North Canaan Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
North Canaan	Mountain Side Lodge	AWC	NTNC	111	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
North Canaan	Mountainside Treatment Center	AWC	NTNC	80	-	0.002	0.002	0.342	0.344	-	0.344	-	-	-	-	-	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Main System	Norwalk First Taxing District	C-Large	57	0.004	0.002	0.005	0.000	0.006	-	0.006	-	-	-	-	0.006	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Noroton System	South Norwalk Electric & Water	C-Large	126	0.009	-	0.009	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Norwalk	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	41375	2.772	1.705	4.477	1.293	5.771	-	5.771	3.750	-	-	3.750	2.022	0.001	-	-	-	(0.000)
Norwalk	South Norwalk Electric & Water	South Norwalk Electric & Water	C-Large	41876	2.764	2.512	5.276	-	5.276	0.042	5.234	-	-	-	-	5.317	-	-	-	-	0.083
Norwalk	Temple Shalom	South Norwalk Electric & Water	NTNC	100	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Norwalk	United Congregational Church	South Norwalk Electric & Water	NTNC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT-Hawkstone System	AWC	C	152	0.008	0.001	0.009	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Oxford	Heritage Water Company	Heritage Village Water Company	C-Large	1493	0.084	0.060	0.144	0.024	0.168	0.041	0.127	-	-	0.050	(0.050)	0.168	-	-	-	-	(0.009)
Oxford	Aquarion Water Co of CT-Valley System	AWC	C-Large	618	0.038	0.010	0.048	0.004	0.052	-	0.052	0.890	-	-	0.890	-	-	-	-	-	0.838
Oxford	100 Oxford Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	231 Oxford Road - Oxford	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	403 Quaker Farms Road (formerly Quaker Farms Vol. Fire Dept.)	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Bobby Fritzs Snack Bar LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Colonial Tavern Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Girl Scouts of CT - Camp Anseox	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Jackson Cove	Heritage Village Water Company	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Olde Sawmill Snack Bar	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford United Church of Christ Congreg.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford Usa, LLC.	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Posypanko Park	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Rolando's Restaurant (formerly Cucina Rustica Ristorante, Inc.)	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Star Food Mart - Global Gas Station	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	144 Oxford Road, LLC	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT -Oxford Town Ctr	AWC	NTNC	25	-	0.041	0.041	-	0.041	-	0.041	-	0.050	-	0.050	-	-	-	-	0.041	-
Oxford	Christ Episcopal Church	Heritage Village Water Company	NTNC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Pleasant Valley Shopping Plaza	Heritage Village Water Company	NTNC	89	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Plymouth	CTWC - Naugatuck Reg-Terryville System	CTWC	C-Large	6,092	0.333	0.073	0.406	0.031	0.437	-	0.437	0.718	0.600	-	1.318	-	0.002	-	-	-	0.879
Plymouth	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	63	0.003	0.006	0.009	0.001	0.010	-	0.010	-		-	-	0.010	-	-	-	-	-
Plymouth	655 Main Street - Plymouth	CTWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck - Well #3	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Leever Lodge	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Well #1 And #2 System	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	First Congregational Church of Plymouth	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Als Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Tennis Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Jehovahs Witnesses	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Plymouth Village	CTWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Harmony Acres Mobile Home Park	CTWC	C	465	0.035	-	0.035	-	0.035	-	0.035	0.040	-	-	0.040	-	-	-	-	-	0.005
Prospect	CTWC - Naugatuck Region-Central System	CTWC	C-Large	2,087	0.112	0.025	0.137	0.041	0.178	-	0.178	0.320	-	-	0.320	-	-	-	-	-	0.142
Prospect	34 Waterbury Road	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Bethel Baptist Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Crosspointe South	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Highland Greens (Golfcourse Clubhouse)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Kitchen)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Pool)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (U&L Wells)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Jvp Building	CTWC	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Mattatuck V.F.W. Post 8075	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	Prospect Little League Stand	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Senor Panchos	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	The Big Dipper	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	White Oak Financial Services, LLC	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Aquarion Water Co of CT-Main System	AWC	C-Large	739	0.022	0.038	0.060	0.004	0.064	-	0.064	-	-	-	-	0.064	-	-	-	-	-
Redding	109 Black Rock Tnpk	AWC	NC	48	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Long Ridge Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	296 Ethan Allen Highway - Redding	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	3 Sidecut Road	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	58 Redding Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Calvary Independent Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Christ Church Parish	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Ethan Allen Condos, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	New Pond Farm Education Center	AWC	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P./Youth Group Well	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P.-Pavilion System	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Community Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Meditation Society	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Ridge Market	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	St Patricks Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Temple B'nai Chaim	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Topstone Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	First Church of Christ, Congregational	AWC	NTNC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Georgetown Bus. & Prof Condo Assn	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Joel Barlow Regional High School	AWC	NTNC	1020	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Redding	John Read Middle School	AWC	NTNC	430	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Redding	Landmark Academy	AWC	NTNC	261	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Country Club	AWC	NTNC	115	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Elementary School	AWC	NTNC	811	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Barnum System	AWC	C	132	0.010	-	0.010	0.000	0.010	-	0.010	-	-	-	-	-	-	-	-	0.010	(0.010)
Ridgefield	Aquarion Water Co of CT-Craigmoor	AWC	C	62	0.002	-	0.002	0.000	0.002	-	0.002	0.009	-	-	0.009	-	-	-	-	-	0.006
Ridgefield	Aquarion Water Co of CT-McKeon System	AWC	C	67	0.005	-	0.005	0.000	0.006	-	0.006	-	-	-	-	-	-	-	-	0.006	(0.006)
Ridgefield	Aquarion Water Co of CT-Ridgefield Knoll	AWC	C	666	0.036	0.001	0.037	0.008	0.045	-	0.045	0.050	-	-	0.050	-	-	-	-	-	0.005
Ridgefield	Aquarion Water Co of CT-Scodon	AWC	C	222	0.011	0.004	0.015	0.006	0.021	-	0.021	0.024	-	-	0.024	-	-	-	-	-	0.003
Ridgefield	Brookview Water Company	AWC	C	55	0.004	-	0.004	-	0.004	-	0.004	0.011	-	-	0.011	-	-	-	-	-	0.007
Ridgefield	Aquarion Water Co of CT-Main System	AWC	C-Large	0	-	0.006	0.006	0.000	0.006	-	0.006	-	-	-	-	0.530	-	-	0.524	-	-
Ridgefield	Aquarion Water Co of CT-Ridgefield Sys	AWC	C-Large	7522	0.560	0.241	0.801	0.099	0.900	-	0.900	0.482	-	-	0.482	-	-	0.524	-	-	0.106
Ridgefield	59 Ethan Allen Highway	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	590 Danbury Road LLC	AWC	NC	42	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	632 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	659 Danbury Road - Ridgefield	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	871 Ethan Allen Hwy Building	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aldridge Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Lake Windwing	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Martin Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Pro Shop & Rest.)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Public Fountain)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Ice Cream Shop	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Properties	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Elizabeth Seton Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Ignatius Retreat House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	The Golf Performance Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	720 Branchville LLC	AWC	NTNC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	890 Ethan Allen Highway - Ridgefield	AWC	NTNC	138	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Branchville School	AWC	NTNC	488	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Farmingville Elementary School	AWC	NTNC	428	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Nod Hill Brewery	AWC	NTNC	60	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgebury Congregational Church	AWC	NTNC	62	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield European Motors	AWC	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield High And Middle School	AWC	NTNC	2131	-	0.038	0.038	-	0.038	-	0.038	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ullman Devices (Main Building)	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Bernhardt Meadow	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.039	-	-	0.039	-	-	-	-	-	0.036
Roxbury	160 Baker Rd - Roxbury	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Christ Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Market Properties, LLC	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	162 Baker Road	AWC	NTNC	34	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Booth Free School	AWC	NTNC	130	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Chatfield Hill Assn., Inc.	AWC	C	68	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Salisbury	Salisbury School	ESA Unassigned	C	520	0.025	-	0.025	-	0.025	-	0.025	0.050	-	-	0.050	-	-	-	-	-	0.025
Salisbury	Aquarion Water Co of CT-Salisbury Sys	AWC	C-Large	1888	0.144	0.123	0.267	0.048	0.316	-	0.316	0.845	-	-	0.845	-	-	-	-	-	0.529
Salisbury	254 Twin Lakes Road - Salisbury	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Isola Bella Youth Camp	ESA Unassigned	NC	80	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Salisbury	Lime Rock Park, LLC	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Salisbury School - Boat House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Trinity Episcopal Church	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Twin Lakes Beach Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Aquarion Water Co of CT-Hawkstone System	AWC	C	27	0.001	-	0.001	0.000	0.002	-	0.002	-	0.050	-	0.050	-	0.010	-	-	0.011	0.039
Seymour	SCCRWA	SCCRWA	C-Large	816	0.042	0.600	0.642	0.079	0.722	0.568	0.154	2.500	-	4.050	(1.550)	0.722	-	-	-	-	(0.982)
Seymour	Aquarion Water Co of CT-Valley System	AWC	C-Large	10129	0.615	0.164	0.779	0.069	0.848	-	0.848	-	4.000	-	4.000	-	0.302	-	-	0.556	2.849
Seymour	Seymour Land Trust-Bldg& Athletic Field	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	The Meeting Place Restaurant	SCCRWA	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Seymour	Comcast of Ct/Ga/Ma/Nh/Ny/Nc/Va/Vt, LLC	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Seymour	Great Hill United Methodist Church	AWC	NTNC	85	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Total Sports Academy	SCCRWA	NTNC	75	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Sharon Ridge Apartments	ESA Unassigned	C	62	0.005	-	0.005	-	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.015
Sharon	Sharon Water & Sewer Commission	Sharon Water Department	C	803	0.056	0.050	0.106	-	0.106	-	0.106	0.205	-	-	0.205	-	-	-	-	-	0.099
Sharon	607 Cornwall Bridge Road	ESA Unassigned	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Main System	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Riverside	ESA Unassigned	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	National Audubon Society	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #1	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #2	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Trinity Glen-McCa	ESA Unassigned	NC	50	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Shelton	Aquarion Water Co of CT-Main System	AWC	C-Large	31894	2.128	0.894	3.022	0.219	3.241	-	3.241	10.000	-	-	10.000	-	5.577	-	-	-	1.182
Shelton	Harvest Kitchen Pantry-Jones Family Farm	AWC	NC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Shelton	Huntington Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Shelton	Indian Well S.P./South Well	AWC	NC	367	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Aquarion Water Co of CT-Timber Trails	AWC	C	259	0.010	0.000	0.010	0.005	0.016	-	0.016	0.033	-	-	0.033	-	0.003	-	-	-	0.015
Sherman	American Pie Company	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Sherman	Club River Oaks	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Holy Trinity Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Mallory Town Hall	AWC	NC	112	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Park & Beach Pavilion	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Volunteer Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Elementary School	AWC	NTNC	430	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #2	AWC	NTNC	79	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Aquarion Water Co of CT-Lakeside System	Heritage Village Water Company	C	486	0.019	-	0.019	0.019	0.039	-	0.039	0.144	-	-	0.144	-	-	-	-	-	0.105
Southbury	Oakdale Manor Water Association	Heritage Village Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	-	-	-	-	0.024
Southbury	Heritage Water Company	Heritage Village Water Company	C-Large	6629	0.372	0.268	0.640	0.107	0.747	-	0.747	2.040	-	-	2.040	-	0.294	-	-	-	0.999
Southbury	Southbury Training School	State Agency Existing Service Area	C-Large	300	0.102	-	0.102	-	0.102	-	0.102	0.324	-	-	0.324	-	-	-	-	-	0.222
Southbury	1500-1514 Southford Road	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Christ The Savior Orthodox Church	Heritage Village Water Company	NC	150	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Epiphany	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Latter Day Saints, Southbury	Heritage Village Water Company	NC	121	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Hine Bros Inc.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Beach Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Campground Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Mirandas Pizza & Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Congregational Church	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Country Store	Heritage Village Water Company	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Corner, LLC	Heritage Village Water Company	NC	47	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Splash Car Wash	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Subway of Southbury Ct	Heritage Village Water Company	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	First Steps Day Care & Learning Center	Heritage Village Water Company	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Great Expectations Day Care & Annex	Heritage Village Water Company	NTNC	125	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Center	Heritage Village Water Company	NTNC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Retail Center	Heritage Village Water Company	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	The Romatic Manufacturing Company	Heritage Village Water Company	NTNC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Stamford	Aquarion Water Co of CT-Stamford	AWC	C-Large	119475	8.624	7.384	16.008	1.799	17.807	-	17.807	15.629	-	-	15.629	-	-	2.178	-	-	-
Stamford	Bartlett Arboretum Assoc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Chimney Corners Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Dorothy Heroy Recreation Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	High Ridge United Methodist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Lakeside Diner & Mall	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Long Ridge Swim & Tennis Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Madonia Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Camp Playland	AWC	NTNC	77	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Church of Christ The Healer	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Rockrimmon Country Club	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	St Francis Church	AWC	NTNC	70	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stratford	Aquarion Water Co of CT-Main System	AWC	C-Large	52316	2.986	1.343	4.328	0.314	4.642	-	4.642	-	-	-	-	4.642	-	-	-	-	-
Thomaston	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	3905	0.200	0.134	0.334	0.045	0.379	-	0.379	0.609	0.650	0.600	0.659	-	0.010	-	-	-	0.270
Thomaston	City Limits	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Eagle Rock Cong. Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Beach Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Upper Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Dam Vista Picnic Area	CTWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Lanes Inc.	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Thomaston	Metallon Inc	CTWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Aquarion Water Co of CT-Litchfield Sys	Torrington Water Company	C-Large	54	0.003	-	0.003	0.001	0.004	-	0.004	-	0.400	-	0.400	0.051	0.182	-	-	0.131	0.265
Torrington	Torrington Water Company	Torrington Water Company	C-Large	33109	1.521	0.486	2.007	0.106	2.113	0.131	1.981	5.320	-	0.400	4.920	-	0.307	-	-	-	2.632
Torrington	823 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	861 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Headquarters	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Toilet Building Well	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Cumberland Farms #4590	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Dr. Munroe's Dental Center	Torrington Water Company	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Elks Pond	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Lakeside Motel	Torrington Water Company	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Torrington	Lost Boys Brewery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Advent Christian Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Pizza Palace	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Toyota Dealership	Torrington Water Company	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	United Congregational Church-Torringford	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Wrights Barn	Torrington Water Company	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Uconn - Torrington Campus	Torrington Water Company	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Trumbull	Tashua Village Association, Inc.	AWC	C	35	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Trumbull	Aquarion Water Co of CT-Main System	AWC	C-Large	36571	2.485	0.642	3.127	0.227	3.354	-	3.354	-	-	-	-	3.354	-	-	-	-	-
Warren	Arrow Point Water Co	ESA Unassigned	C	84	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.047
Warren	The Washington Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Hopkins Supply	ESA Unassigned	NTNC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Warren	Warren Congregational Church	ESA Unassigned	NTNC	54	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Warren Elementary School	ESA Unassigned	NTNC	140	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Washington	Aquarion Water Co of CT-Judea Depot	AWC	C	64	0.004	0.003	0.007	0.004	0.011	-	0.011	0.019	-	-	0.019	-	-	-	-	-	0.009
Washington	Aquarion Water Co of CT-Judea Main (Green)	AWC	C	195	0.012	0.009	0.021	0.003	0.023	-	0.023	0.041	-	-	0.041	-	-	-	-	0.000	0.018
Washington	Aquarion Water Co of CT-Quarry Ridge	AWC	C	85	0.003	-	0.003	0.000	0.003	-	0.003	0.010	-	-	0.010	-	-	-	-	-	0.007
Washington	Bee Brook Crossing Condominiums	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.043	-	-	0.043	-	-	-	-	-	0.034
Washington	Dodge Farm	ESA Unassigned	C	42	0.002	-	0.002	-	0.002	-	0.002	0.028	-	-	0.028	-	-	-	-	-	0.027
Washington	Gunnery School	AWC	C	300	0.023	-	0.023	-	0.023	-	0.023	0.050	-	-	0.050	-	-	-	-	-	0.028
Washington	New Preston Water Co	ESA Unassigned	C	139	0.010	-	0.010	-	0.010	-	0.010	0.024	-	-	0.024	-	-	-	-	-	0.013
Washington	Rumsey Hall School	ESA Unassigned	C	398	0.030	-	0.030	-	0.030	-	0.030	0.021	-	-	0.021	-	-	-	-	-	(0.009)
Washington	Devereux Glenholme School - Main Campus	ESA Unassigned	C	245	0.025	-	0.025	-	0.025	-	0.025	0.028	-	-	0.028	-	-	-	-	-	0.004
Washington	Ebner Camps, Inc (Camp Chinqueka)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	287 New Milford Tnpk	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	295 New Milford Turnpike (formerly Chuck Wagon Restaurant)	ESA Unassigned	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	9 Main Street	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Bee Brook Fire House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	G.W. Tavern	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Lake Waramaug Country Club	ESA Unassigned	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Marbledale 151 Corp	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mount Tom State Park	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	St. Andrews Church & Sweet Harmonies Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Washington Golf Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	White Horse Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	John Dorr Nature Lab	ESA Unassigned	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Inn	ESA Unassigned	NTNC	109	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Spa	AWC	NTNC	72	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Shepaug Middle/High School	ESA Unassigned	NTNC	770	-	0.014	0.014	-	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Washington	Washington Montessori School	ESA Unassigned	NTNC	350	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Washington	Washington Primary School	AWC	NTNC	247	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Waterbury	CTWC - Naugatuck Region-Central System	Waterbury Water Department	C-Large	764	0.041	0.002	0.043	0.015	0.058	-	0.058	-	0.300	-	0.300	0.058	-	-	-	-	0.300
Waterbury	Waterbury Water Department	Waterbury Water Department	C-Large	107271	8.367	3.400	11.767	2.410	14.177	1.020	13.157	27.000	-	4.480	22.520	-	-	-	-	-	9.363
Watertown	Watertown Water & Sewer - Westgate	Watertown Water & Sewer	C	219	0.012	-	0.012	-	0.012	-	0.012	-	0.045	-	0.045	-	-	-	-	0.012	0.033
Watertown	Watertown Fire District	Watertown Fire District	C-Large	6360	0.345	0.091	0.436	0.092	0.528	0.012	0.516	1.340	-	0.045	1.295	-	-	-	-	-	0.779
Watertown	Watertown Water & Sewer Authority	Watertown Water & Sewer	C-Large	9972	0.478	0.340	0.817	0.081	0.898	-	0.898	-	3.000	-	3.000	-	-	-	-	0.898	2.102
Watertown	1030 Litchfield Road - Watertown	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	720 Thomaston Road	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Camp Mataucha	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Crestbrook Park Pro-Shop/Maintenance	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Sunset Grille	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	VFW Post 5157	ESA Unassigned	NC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Kangaroo Korner Childcare Center	ESA Unassigned	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Water Supply	AWC	C	100	0.008	-	0.008	-	0.008	-	0.008	0.025	-	-	0.025	-	-	-	-	-	0.017
Weston	Aquarion Water Co of CT-Main System	AWC	C-Large	295	0.056	0.001	0.057	0.004	0.061	-	0.061	-	-	-	-	0.061	-	-	-	-	-
Weston	Aspetuck Valley Ctry Club - Pool/Snackbr	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Emmanuel Episcopal Church	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Lodge	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Main	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Aspetuck Valley Country Club-Clubhouse	AWC	NTNC	415	-	0.012	0.012	-	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Weston	Norfield Congregational Church	AWC	NTNC	81	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	St. Francis of Assisi R.C. Church	AWC	NTNC	80	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #1	AWC	NTNC	291	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #2	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Weston	Weston Schools And Municipal Buildings	AWC	NTNC	2600	-	0.047	0.047	-	0.047	-	0.047	-	-	-	-	-	-	-	-	-	-
Weston	Weston Shopping Center Associates, LLC	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Westport	Aquarion Water Co of CT-Main System	AWC	C-Large	26107	3.359	0.660	4.020	0.292	4.311	-	4.311	6.370	-	-	6.370	4.569	6.627	-	-	-	-
Westport	Norwalk First Taxing District	ESA Unassigned	C-Large	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Wilton	Aquarion Water Co of CT-Main System	AWC	C-Large	3701	0.243	0.372	0.615	0.045	0.659	-	0.659	-	-	-	-	6.560	0.595	-	5.306	-	-
Wilton	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	45	0.003	-	0.003	0.001	0.004	-	0.004	-	-	-	-	0.004	-	-	-	-	-
Wilton	South Norwalk Electric & Water	AWC	C-Large	672	0.044	-	0.044	-	0.044	-	0.044	5.500	-	-	5.500	-	5.317	-	-	-	0.138
Wilton	644 Danbury Road	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	673 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	713 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	951 Danbury Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Cannondale Railroad Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Four Seasons Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Merwin Meadows Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club - Paddle Hut (Well 2)	AWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club, Inc	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Wilton Riding Club, Inc	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Weir Farm National Historic Site	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Wilton Train Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Woodcock Nature Center Inc	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	463 Danbury Road - Wilton	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Childrens Day School of Wilton	AWC	NTNC	96	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Rolling Hills Country Club	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wilton	The Grumman Hill Montessori Association	AWC	NTNC	259	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Winchester	Winsted Water Works	Winsted Water Works	C-Large	7784	0.599	0.170	0.769	0.136	0.905	-	0.905	2.980	-	-	2.980	-	-	-	-	-	2.075

Table B-3: Western PWSMA - Existing Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2015-2016 Residential Demand	2015-16 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2015-16 Total ADD	Water Sold to Other Utility	2015-16 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Winchester	Coplex Sports Domain	Winsted Water Works	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Crystal Peak	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Green Woods Country Club	Winsted Water Works	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Greenwood Trails	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	185 Torrington Road - Lanson Drive	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Frontier Long Distance	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	SCCRWA	Wolcott Water Department	C-Large	315	0.016	0.012	0.029	0.004	0.032	-	0.032	-	-	-	-	0.032	-	-	-	-	-
Wolcott	Aquarion Water Co of CT-Tlwc Clearview	Wolcott Water Department	C	225	0.007	-	0.007	0.000	0.007	-	0.007	-	0.007	-	0.007	-	-	-	-	0.007	-
Wolcott	Aquarion Water Co of CT-Tlwc Woodrich	Wolcott Water Department	C	78	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Wolcott	Arrowhead By The Lake Association, Inc.	Wolcott Water Department	C	288	0.022	-	0.022	-	0.022	-	0.022	0.050	-	-	0.050	-	-	-	-	-	0.028
Wolcott	Countryside Apartments	Wolcott Water Department	C	218	0.016	-	0.016	-	0.016	0.007	0.009	0.033	-	0.007	0.026	-	-	-	-	-	0.017
Wolcott	Lake Hills Village Condominiums	Wolcott Water Department	C	102	0.008	-	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.003
Wolcott	Wolcott Water Department	Wolcott Water Department	C-Large	2550	0.063	0.055	0.118	-	0.118	-	0.118	-	0.500	-	0.500	-	-	-	-	0.118	0.382
Wolcott	1189 Wolcott Road	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	1273 Wolcott Road (Wolcott Inn & Suites)	Wolcott Water Department	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	2 North Street	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	584-586 Wolcott Road	Wolcott Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	All Saints Episcopal Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	American Legion Post 165	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Farmingbury Golf Course	Wolcott Water Department	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	J & M Pizza	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Krystal Gardens	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Mahans Lakeview Fine Catering LLC	Wolcott Water Department	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Nutmeg Farms CT LLC	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Peterson Park	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Plaza At 382-390 Wolcott Road- Back Well	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rietdyke Senior Center	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rockstar Lounge	Wolcott Water Department	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Maria Goretti Catholic Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Pius X Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Activity And Learning Center	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Baseball Association	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Congregational Church	Wolcott Water Department	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Land Owners Protective Assn. Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Lanes, Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Public Library	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Sports Complex	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Town Hall	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott VFW Post 1979	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Woodtick Recreational Stand	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	421 Wolcott Road, LLC	Wolcott Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	464 Wolcott Road	Wolcott Water Department	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Alcott School	Wolcott Water Department	NTNC	638	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Childrens Village - Boundline	Wolcott Water Department	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	Frisbie School	Wolcott Water Department	NTNC	446	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Wolcott	Nucap	Wolcott Water Department	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Wolcott	Tyrrell School	Wolcott Water Department	NTNC	454	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Police Dept	Wolcott Water Department	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Aquarion Water Co of CT - West Shore	AWC	C	9	0.000	-	0.000	0.000	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Woodbury	Heritage Hill Condominium Assn, Inc	AWC	C	120	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Woodbury	Holly House Apartments	AWC	C	75	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Woodbury	Quassuk Heights Condominium Assn	AWC	C	108	0.008	-	0.008	-	0.008	-	0.008	0.009	-	-	0.009	-	-	-	-	-	0.001
Woodbury	Town In Country Condominiums - Lower Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Woodbury	Town In Country Condominiums - Upper Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.008
Woodbury	Woodbury Knoll, LLC.	AWC	C	258	0.019	-	0.019	-	0.019	-	0.019	0.022	-	-	0.022	-	-	-	-	-	0.003
Woodbury	Woodbury Place Condominium Assn	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
Woodbury	Woodlake Tax District	AWC	C	914	0.043	0.005	0.048	-	0.048	-	0.048	0.140	-	-	0.140	-	-	-	-	-	0.092
Woodbury	Aquarion Water Co of CT-Woodbury System	AWC	C-Large	1207	0.067	0.070	0.137	0.009	0.146	-	0.146	0.270	-	-	0.270	-	-	-	-	-	0.124
Woodbury	1633 Main Street - Woodbury	Watertown Fire District	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	308 Sherman Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Dairy Delite & Johns Cafe	AWC	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 1	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 2	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Premier Care of Woodbury	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area Rod Taylor Tubing Area	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	670 Main Street North - Woodbury	AWC	NTNC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Early Learning Center of Woodbury	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Nonnewaug High School	AWC	NTNC	887	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Ansonia	SCCRWA	SCCRWA	C-Large	19262	1.002	0.724	1.725	0.192	1.917	-	1.917	-	-	-	-	3.864	1.947	-	-	-	-
Barkhamsted	Foxridge Apartments-Well 1	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Foxridge Apartments-Well 2	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Rocktree Apartments	ESA Unassigned	C	60	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Barkhamsted	Wallens Hill Apartments	ESA Unassigned	C	50	0.004	-	0.004	-	0.004	-	0.004	0.010	-	-	0.010	-	-	-	-	-	0.006
Barkhamsted	American Legion Sf / Austin F. Hawes	ESA Unassigned	NC	42	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Brass Horse Cafe & Motel	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Log House Restaurant Inc.	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #1	Winsted Water Works	NC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #2	Winsted Water Works	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough - East Beach	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough-Patrol Headquarters	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Peoples S.F./Main Picnic Area	ESA Unassigned	NC	26	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley Drive-In	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley General Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley United Methodist Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Riverton General Store	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sweet Peas Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #1	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #2	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	White Pines Campsite	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Barkhamsted Elementary School	ESA Unassigned	NTNC	360	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Lombard Ford	Winsted Water Works	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Supply Division Headquarters	ESA Unassigned	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sterling Engineering Corp.	ESA Unassigned	NTNC	110	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Beacon Falls	CTWC - Naugatuck Region-Central System	CTWC	C-Large	808	0.044	-	0.044	0.011	0.055	-	0.055	-	-	-	-	0.055	-	-	-	-	-
Beacon Falls	Aquarion Water Co of CT-Valley System	AWC	C-Large	4456	0.322	0.119	0.441	0.049	0.491	-	0.491	-	-	-	-	0.491	-	-	-	-	-
Bethel	Aquarion Water Co of CT-Berkshire Corp	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bethel	Elmwood Court LLC	Bethel Water Department	C	54	0.004	-	0.004	-	0.004	-	0.004	0.018	-	-	0.018	-	-	-	-	-	0.014
Bethel	Aquarion Water Co of CT-Chimney Heights	AWC	C-Large	2532	0.145	0.099	0.244	0.033	0.278	-	0.278	0.162	0.120	-	0.282		0.011	0.007	-	0.120	0.000
Bethel	Bethel Water Dept	Bethel Water Department	C-Large	9641	0.570	0.239	0.809	0.148	0.957	-	0.957	1.360	-	-	1.360	-	-	-	-	-	0.403
Bethel	Danbury Water Department	Bethel Water Department	C-Large	229	0.012	0.002	0.014	0.003	0.016	-	0.016	-	-	-	-	0.016	-	-	-	-	-
Bethel	44 Stony Hill Road	AWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	47 Stony Hill Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	76 Stony Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Bennett Memorial Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	His Vineyard, Inc.	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Meckauer Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Meeting House Pub (formerly La Fortuna Restaurant)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Michael's At The Grove (formerly Capellaros Grove)	AWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	New Colony Diner #5	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Old Heidelberg Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Stony Hill Plaza/Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Sunoco, Putnam Park Road	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Kindercare Learning Center Inc.	AWC	NTNC	157	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 1	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 2	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Precious Moments	Bethel Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	North Purchase Elderly Housing	AWC	C	72	0.002	-	0.002	-	0.002	-	0.002	0.013	-	-	0.013	-	-	-	-	-	0.011
Bethlehem	Woodhall School, Inc	AWC	C	68	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.048
Bethlehem	151 Main Street, LLC.	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Square	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Town Hall And Library	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Christ Episcopal Church	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Church of The Nativity	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	First Church of Bethlehem	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Flanders Crossings (formerly Bethlehem Commons)	Town of Bethlehem	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Painted Pony Restaurant	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Sunny Ridge Supermarket	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Theos Pizza	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Day Care	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Elementary School/District 14	AWC	NTNC	406	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Bethlehem	Newport Academy	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	The Wellspring Foundation, Inc.	AWC	NTNC	63	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Wellspring Foundation - Shiloah	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgeport	Aquarion Water Co of CT-Main System	AWC	C-Large	153827	8.460	14.783	23.244	3.628	26.871	-	26.871	-	-	-	-	26.871	-	-	-	-	-
Bridgewater	Aquarion Water Co of CT-Meadowbrook	AWC	C	36	0.002	-	0.002	-	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bridgewater	Bridgewater Commons Condominiums	AWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.037	-	-	0.037	-	-	-	-	-	0.033
Bridgewater	Bridgewater Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Plaza Convenience Store	AWC	NC	262	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Village Store	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	St. Marks Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Burnham School	AWC	NTNC	121	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bristol	Chippanydale Association	Bristol Water Department	C	52	0.001	-	0.001	-	0.001	-	0.001	0.007	-	-	0.007	-	-	-	-	-	0.006
Bristol	Bristol Water Department	Bristol Water Department	C-Large	56640	3.847	1.281	5.128	0.258	5.386	-	5.386	6.870	0.500	-	7.370	-	0.004	-	-	0.233	1.980

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Bristol	CTWC - Naugatuck Reg-Terryville System	Bristol Water Department	C-Large	42	0.002	-	0.002	0.000	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bristol	249 Terryville Road - Bristol	Bristol Water Department	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	735 Terryville Ave	Bristol Water Department	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Chippens Hill Medical Center	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Georges Terryville Market	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Girl Scouts of CT - Camp Carlson	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Orchard House-Indian Rock Nature Preserv	Bristol Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Pebble House-Indian Rock Nature Preserve	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Wojtusik Nursery	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	39 Hop Brook Rd - Apt Complex	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.015	-	-	0.015	-	-	-	-	-	0.012
Brookfield	Aquarion Water Co of CT-Chimney Heights	AWC	C	66	0.006	0.004	0.010	0.001	0.011	-	0.011	-	-	-	-	0.011	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Carmen Hill	AWC	C	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Indian Fields	AWC	C	176	0.012	-	0.012	0.002	0.014	-	0.014	0.016	-	-	0.016	-	-	-	-	-	0.002
Brookfield	Aquarion Water Co of CT-Owsc Brookwood	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Owsc Butternut	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Arrowhead Point Homeowners Assn Inc.	AWC	C	296	0.022	-	0.022	-	0.022	-	0.022	0.022	-	-	0.022	-	-	-	-	-	(0.001)
Brookfield	Brookfield Hills Condominium Unit Owners	AWC	C	144	0.011	-	0.011	-	0.011	-	0.011	0.033	-	-	0.033	-	-	-	-	-	0.023
Brookfield	Brookfield Housing Authority	AWC	C	37	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Brookfield	Candlewood Orchards Property Owners Corp	AWC	C	144	0.004	-	0.004	-	0.004	-	0.004	0.040	-	-	0.040	-	-	-	-	-	0.036
Brookfield	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
Brookfield	Aquarion Water Co of CT-Hickory Hills	AWC	C	132	0.008	-	0.008	-	0.008	-	0.008	0.024	-	-	0.024	-	-	-	-	-	0.016
Brookfield	Lake Lillinonah Shores Condos	AWC	C	130	0.010	-	0.010	-	0.010	-	0.010	0.050	-	-	0.050	-	-	-	-	-	0.040
Brookfield	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
Brookfield	Stony Hill Village Condominium Assn	AWC	C	392	0.029	-	0.029	-	0.029	-	0.029	0.050	-	-	0.050	-	-	-	-	-	0.021
Brookfield	Whisconier Village Association, Inc.	AWC	C	123	0.009	-	0.009	-	0.009	-	0.009	0.011	-	-	0.011	-	-	-	-	-	0.002
Brookfield	Woodcreek Village Condominium Assn, Inc	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.013	-	-	0.013	-	-	-	-	-	0.008
Brookfield	Aquarion Water Co of CT-Brookfield Sys	AWC	C-Large	4574	0.354	0.180	0.534	0.073	0.607	-	0.607	0.827	-	-	0.827	-	-	-	-	-	0.220
Brookfield	Aquarion Water Co of CT-Western Brookfld	AWC	C-Large	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Shores Tax District	AWC	C-Large	1324	0.070	-	0.070	0.001	0.071	-	0.071	0.132	-	-	0.132	-	-	-	-	-	0.061
Brookfield	18 Old Route 7	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	189 Sports Cafe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	292 Candlewood Lake Rd	AWC	NC	35	-	0.000	0.000	0.003	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	316 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	439 Candlewood Lake Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	70 Candlewood Lake Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	83 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	All-Star Transportation	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Lanes	AWC	NC	30	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood East Beach Club/Marina	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Inn	AWC	NC	75	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Colonial Square Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Cosmos Enterprises	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Extra Space Storage	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Firestone Tires	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Five Guys Famous Burgers	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Fox Hill Inn	AWC	NC	85	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Golden Leaf Chinese Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Golf Quest - Brookfield	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Hearth Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Hi-Way Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Laurel Hill Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Inn	AWC	NC	36	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Panchos & Gringos Mexican Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Rg 49 Federal Road, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Facility	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Station - 138 Federal Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The Dive Shop Aquatic Center	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The White House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Town of Brookfield - Cadigan Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Valley Presbyterian Church	AWC	NC	41	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Wendys Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	1114 Federal Road	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	125 Commerce Drive	AWC	NTNC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Commons	AWC	NTNC	125	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield High School	AWC	NTNC	1150	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Office Park Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Professional Bldg	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Regional YMCA	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Lake Shopping Plaza	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Center Elementary School	AWC	NTNC	527	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Brookfield	Christian Life Academy	AWC	NTNC	148	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Country Kids Club	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Brookfield	Country Kids Play Farm	AWC	NTNC	167	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Elmbrook Plaza	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Felchris - 61 Commerce Drive	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Green Tree Toyota	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Huckleberry Hill Elementary School	AWC	NTNC	830	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Brookfield	Landmark Office Condo Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	McMullin Manufacturing Corporation	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Pharmco Products	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 1	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 2	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Prince of Peace Lutheran Church	AWC	NTNC	58	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph School	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Silvermine Road Water System	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	St Marguerite Bourgeoys Church	AWC	NTNC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	U. S. Post Office - Brookfield	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Whisconier Middle School	AWC	NTNC	1010	-	0.015	0.015	-	0.015	-	0.015	-	-	-	-	-	-	-	-	-	-
Burlington	CTWC - Naugatuck Reg-Collinsville Sys	CTWC	C-Large	120	0.008	0.000	0.009	0.000	0.009	-	0.009	-	-	-	-	0.009	-	-	-	-	-
Burlington	Farmington Line West Condominiums	CTWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.002	-	-	0.002	-	-	-	-	-	(0.002)
Burlington	Woodcrest Association, Inc	CTWC	C	60	0.005	-	0.005	-	0.005	-	0.005	0.021	-	-	0.021	-	-	-	-	-	0.016
Burlington	Bristol Water Department	Bristol Water Department	C-Large	45	0.003	-	0.003	0.001	0.004	-	0.004	-	-	-	-	0.004	-	-	-	-	-
Burlington	Torrington Water Company	Torrington Water Company	C-Large	1900	0.087	0.028	0.115	0.006	0.121	-	0.121	-	-	-	-	0.121	-	-	-	-	-
Burlington	Burlington Highway Dept (Garage)	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Public Library	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Town Hall	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Deep Burlington Fish Hatchery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Sessions Woods Wildlife Management Area	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	The Frozen Gnome	Torrington Water Company	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	YMCA Camp Chase	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Academy	Torrington Water Company	NTNC	105	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Burlington	Lake Garda School	CTWC	NTNC	715	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Canaan	Canaan Water Dept	ESA Unassigned	C	488	0.026	0.011	0.037	-	0.037	-	0.037	0.029	-	-	0.029	-	-	-	-	-	(0.008)
Canaan	Pine Grove Association,Inc.	ESA Unassigned	C	248	0.019	-	0.019	-	0.019	-	0.019	0.006	-	-	0.006	-	-	-	-	-	(0.012)
Canaan	200 Route 7 North	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	251 Route 7 S	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	Camp Isabella Freedman	ESA Unassigned	NTNC	84	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Canaan	Edward R. Hamilton Bookseller	ESA Unassigned	NTNC	150	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Canaan	Housatonic Valley Regional H S	ESA Unassigned	NTNC	750	-	0.014	0.014	0.029	0.042	-	0.042	-	-	-	-	-	-	-	-	-	-
Canaan	Town of Canaan	ESA Unassigned	NTNC	63	-	0.001	0.001	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cheshire	Crestview Condominium Association	SCCRWA	C	84	0.006	-	0.006	-	0.006	-	0.006	0.007	-	-	0.007	-	-	-	-	-	0.001
Cheshire	Meriden Water Division	SCCRWA	C-Large	50	0.003	-	0.003	0.001	0.004	-	0.004	3.100	0.500	-	3.600	-	3.316	-	-	0.220	0.280
Cheshire	SCCRWA	SCCRWA	C-Large	25856	1.345	0.971	2.316	0.257	2.573	0.220	2.353	4.600	-	0.500	4.100	-	0.031	-	-	-	1.716
Cheshire	Southington Water Department	SCCRWA	C-Large	473	0.035	0.010	0.045	0.006	0.052	-	0.052	-	-	-	-	0.052	-	-	-	-	-
Cheshire	Wallingford Water Division	SCCRWA	C-Large	128	0.007	-	0.007	0.001	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Cheshire	Cheshire Public Park Well (Lock 12)	SCCRWA	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Church of The Epiphany	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Hickory Hill Orchards	SCCRWA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cheshire	Mixville Park	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Cheshire United Methodist	SCCRWA	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Curtis Homestead Village	SCCRWA	NTNC	94	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Hideaway	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Congregational Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Town Hall Complex	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Senior	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Sunrise	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Childcare LLC	ESA Unassigned	NTNC	44	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Consolidated School	ESA Unassigned	NTNC	170	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Aquarion Water Co of CT-Cornwall System	AWC	C	101	0.005	0.002	0.007	0.000	0.007	-	0.007	0.050	-	-	0.050	-	-	-	-	-	0.043
Cornwall	Cornwall Water Company	ESA Unassigned	C	48	0.004	-	0.004	-	0.004	-	0.004	0.004	-	-	0.004	-	-	-	-	-	0.001
Cornwall	Kugeman Village	ESA Unassigned	C	54	0.004	-	0.004	-	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.018
Cornwall	25 Kent Road	ESA Unassigned	NC	39	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Main System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Nurse & Winter House)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Inn	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mountain (Pine Lodge System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mtn. Ski Area - Main Lodge	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Railroad Square Plaza (Ne Catering)	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center Dix House-Main	ESA Unassigned	NC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center-Butler Hall	ESA Unassigned	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Wandering Moose Cafe & Catering Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Child Center, Inc.	ESA Unassigned	NTNC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Consolidated School	ESA Unassigned	NTNC	202	-	0.002	0.002	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Danbury	Aqua Vista Assoc, Inc - Lower System	Danbury Water Department	C	128	0.010	-	0.010	-	0.010	-	0.010	0.012	-	-	0.012	-	-	-	-	-	0.002
Danbury	Aqua Vista Assoc, Inc - Upper System	Danbury Water Department	C	260	0.020	-	0.020	-	0.020	-	0.020	0.024	-	-	0.024	-	-	-	-	-	0.004
Danbury	Aquarion Water Co of CT-Cedar Heights	Danbury Water Department	C	385	0.016	0.002	0.018	0.000	0.018	-	0.018	0.030	-	-	0.030	-	-	-	-	-	0.012
Danbury	Aquarion Water Co of CT-Hollandale Est.	Danbury Water Department	C	208	0.009	0.000	0.010	0.000	0.010	-	0.010	-	-	-	-	-	-	-	-	0.010	(0.010)
Danbury	Aquarion Water Co of CT-Ken Oaks	Danbury Water Department	C	158	0.007	0.001	0.008	0.001	0.008	-	0.008	-	-	-	-	-	-	-	-	0.008	(0.008)

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Danbury	Aquarion Water Co of CT-Pearce Manor	Danbury Water Department	C	139	0.006	-	0.006	0.001	0.007	-	0.007	0.025	-	-	0.025	-	-	-	-	-	0.018
Danbury	Aquarion Water Co of CT-Rolling Ridge	Danbury Water Department	C	119	0.007	-	0.007	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Danbury	Aquarion Water Co of CT-Tlwc Indian Sprg	Danbury Water Department	C	252	0.013	0.002	0.015	0.005	0.020	-	0.020	0.050	-	-	0.050	-	-	-	-	-	0.030
Danbury	Candlewood Park Inc	Danbury Water Department	C	500	0.036	-	0.036	-	0.036	-	0.036	0.031	-	-	0.031	-	-	-	-	0.004	(0.004)
Danbury	Cedar Terrace Prop Owners Assn	Danbury Water Department	C	66	0.005	-	0.005	0.001	0.006	-	0.006	0.019	-	-	0.019	-	-	-	-	-	0.014
Danbury	Cornell Hills Assoc, Inc	Danbury Water Department	C	108	0.008	-	0.008	-	0.008	-	0.008	0.050	-	-	0.050	-	-	-	-	-	0.042
Danbury	Danbury Water Dept-Ridgeview Gardens	Danbury Water Department	C	116	0.009	-	0.009	-	0.009	-	0.009	0.012	-	-	0.012	-	-	-	-	-	0.003
Danbury	Danbury Water Dept- Hawthorne Terrace Assoc	Danbury Water Department	C	156	0.012	-	0.012	-	0.012	-	0.012	0.040	-	-	0.040	-	-	-	-	-	0.028
Danbury	Lake Waubeeka Association	Danbury Water Department	C	712	0.053	-	0.053	-	0.053	-	0.053	0.281	-	-	0.281	-	-	-	-	-	0.227
Danbury	Shady Acres Mobile Home Park	Danbury Water Department	C	117	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Danbury	Snug Harbor Development Corp	Danbury Water Department	C	144	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Danbury	Danbury Water Department	Danbury Water Department	C-Large	60443	3.118	1.998	5.116	1.047	6.164	0.205	5.958	9.410	-	0.120	9.290	-	0.016	-	-	-	3.315
Danbury	120 Clapboard Ridge Road	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	184 Great Plain Road	Danbury Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Amber Room	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Business Aircraft Center, Inc.	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Chucks Steak House	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Dairy & Energy Stop	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Elans of Connecticut	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Federal Road Sunoco	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Kentucky Fried Chicken of Danbury, Inc.	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Pappadella's Restaurant	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Richter Park Golf Course	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Subway	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Subway (Mill Plain Road)	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Taormina Restaurant	Danbury Water Department	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	United Methodist Church of Danbury	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Widow Browns Cafe	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Windmill Diner	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Wooster Mountain Gun Club	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	8 Mill Plain Road	Danbury Water Department	NTNC	59	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Boa Plaza	Danbury Water Department	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Cedar Gables Preschool L.L.C.	Danbury Water Department	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Kinder Care Learning Center	Danbury Water Department	NTNC	113	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Little Rascals Nursery School	Danbury Water Department	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Darien	Aquarion Water Co of CT-Noroton System	AWC	C-Large	20927	1.566	1.000	2.566	0.164	2.730	-	2.730	0.350	-	-	0.350	-	0.010	2.390	-	0.055	-
Derby	Aquarion Water Co of CT-East Derby	SCCRWA	C-Large	1218	0.091	0.038	0.130	0.014	0.144	-	0.144	-	0.150	-	0.150	-	-	-	-	0.144	0.006
Derby	SCCRWA	SCCRWA	C-Large	14008	0.728	0.526	1.255	0.139	1.394	0.144	1.250	0.500	-	0.150	0.350	0.900	-	-	-	-	(0.000)
Derby	Krauszers	SCCRWA	NC	48	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Aquarion Water Co of CT-Main System	AWC	C-Large	3305	0.264	0.007	0.272	0.042	0.314	-	0.314	14.110	-	-	14.110	-	3.960	-	-	-	9.836
Easton	Connecticut Golf Club	AWC	NC	25	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Easton Racquet Club	AWC	NC	25	-	0.000	0.000	0.077	0.077	-	0.077	-	-	-	-	-	-	-	-	-	-
Easton	Easton Village Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Greiser General Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Lion Hill Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Olde Blue Bird Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Easton	Silverman's Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	St. Dimitrie Romanian Orthodox Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Christ Church	AWC	NTNC	57	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Congregational Church of Easton	AWC	NTNC	58	-	0.000	0.000	0.083	0.083	-	0.083	-	-	-	-	-	-	-	-	-	-
Fairfield	Aquarion Water Co of CT-Main System	AWC	C-Large	49941	4.245	1.398	5.643	0.881	6.524	-	6.524	41.650	-	-	41.650	-	26.871	-	-	-	8.255
Goshen	Aquarion Water Co of CT-Tlwc	Town of Goshen	C	147	0.004	-	0.004	0.001	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.017
Goshen	Village Market Place	Town of Goshen	C	25	0.002	0.007	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.001
Goshen	Aquarion Water Co of CT-Litchfield Sys	Town of Goshen	C-Large	18	0.001	-	0.001	0.000	0.001	-	0.001	0.089	-	-	0.089	-	0.065	-	-	-	0.023
Goshen	Ajs Steak & Pizza Restaurant	Town of Goshen	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Camp Cochipianee	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Christ/The Childrens Place	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Latter Day Saints, Goshen	Town of Goshen	NC	137	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Edmund D. Strang Scout Reservation	Town of Goshen	NC	300	-	0.011	0.011	0.001	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Volunteer Fire Dept	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Hemlock Hill Cooperative Camp Resort Inc	Town of Goshen	NC	190	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Goshen	Mohawk Mountain S.F./Handpump	Town of Goshen	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Nodines Smokehouse	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Plaza At 61 Sharon Turnpike	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	St. Thomas of Villanova Church	Town of Goshen	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Valley In The Pines Campground, LLC	Town of Goshen	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Woodridge Lake Association	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Center School/Town Bldgs	Town of Goshen	NTNC	205	-	0.004	0.004	0.010	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Goshen	Torrington Country Club	Town of Goshen	NTNC	280	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Greenwich	Brunswick Middle School	AWC	C	567	0.004	-	0.004	-	0.004	-	0.004	0.015	-	-	0.015	-	-	-	-	-	0.011
Greenwich	Aquarion Water Co of CT-Greenwich System	AWC	C-Large	59281	4.436	6.441	10.877	2.551	13.429	4.128	9.301	15.200	-	5.000	10.200	-	-	-	-	-	0.899
Greenwich	Camp Simmons - Well #1	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	Camp Simmons - Well #2	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	E.T. Seton Boy Scout Camp - Dorms	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Greenwich	E.T. Seton Boy Scout Camp - Main Bldg	AWC	NC	25	-	0.001	0.001	0.060	0.061	-	0.061	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Concession)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Maintenance)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	National Audubon Society (Main Building)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	North Greenwich Congregational Church	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Store/Service Station	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Agnes Church	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Barnabas Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Timothy Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Congregational Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Fairview Country Club	AWC	NTNC	435	-	0.013	0.013	-	0.013	-	0.013	-	-	-	-	-	-	-	-	-	-
Greenwich	First Church of Round Hill	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Greenwich American Center	AWC	NTNC	800	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Greenwich	Harvest Time Assembly of God	AWC	NTNC	119	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	High Tower Trading LLC	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Parkway School	AWC	NTNC	514	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Community Church	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Club	AWC	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Sutton Land, LLC	AWC	NTNC	150	-	0.003	0.003	0.000	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Greenwich	Tamarack Country Club	AWC	NTNC	130	-	0.002	0.002	0.010	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Greenwich	The Stanwich School	AWC	NTNC	150	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Whitby School	AWC	NTNC	350	-	0.004	0.004	0.005	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Hartland	6 Hartland Boulevard	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 1	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 2	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Hartland Elem Sch & Town Bldgs	ESA Unassigned	NTNC	300	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Harwinton	Garden Lane Apartments	Torrington Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.017	-	-	0.017	-	-	-	-	-	0.014
Harwinton	Torrington Water Company	Torrington Water Company	C-Large	2700	0.124	0.040	0.164	0.009	0.172	-	0.172	-	-	-	-	0.294	0.121	-	-	-	(0.000)
Harwinton	207 Birge Park Road - Harwinton	Torrington Water Company	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Dr. David L. French	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Fairview Farms Golf Course & Restaurant	Torrington Water Company	NC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Harwinton	Founders Congregational Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Harwinton Rod & Gun	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Immaculate Heart of Mary	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	283 Litchfield Rd, LLC	Torrington Water Company	NTNC	74	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Birge Park Commons	Torrington Water Company	NTNC	51	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Aquarion Water Co of CT-Kent System	AWC	C	620	0.051	0.020	0.071	0.010	0.081	-	0.081	0.386	-	-	0.386	-	-	-	-	-	0.305
Kent	Brookwoods II	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.026	-	-	0.026	-	-	-	-	-	0.017
Kent	Kent School (Maintenance Well)	ESA Unassigned	C	30	0.002	-	0.002	-	0.002	-	0.002	0.027	-	-	0.027	-	-	-	-	-	0.025
Kent	Kent School Corp (Valley Campus)	ESA Unassigned	C	722	0.054	-	0.054	-	0.054	-	0.054	0.195	-	-	0.195	-	-	-	-	-	0.141
Kent	South Kent School	ESA Unassigned	C	228	0.017	-	0.017	-	0.017	-	0.017	0.037	-	-	0.037	-	-	-	-	-	0.020
Kent	The Marvelwood School	ESA Unassigned	C	220	0.017	-	0.017	-	0.017	-	0.017	0.017	-	-	0.017	-	-	-	-	-	-
Kent	Bulls Bridge Country Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Bulls Bridge Inn	ESA Unassigned	NC	29	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Club Getaway	ESA Unassigned	NC	26	-	0.000	0.000	0.603	0.603	-	0.603	-	-	-	-	-	-	-	-	-	-
Kent	Eric Sloane Museum	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	High Watch Farm	ESA Unassigned	NC	86	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Kenmont & Kenwood Camps	ESA Unassigned	NC	825	-	0.029	0.029	-	0.029	-	0.029	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls Brewing Company	ESA Unassigned	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls State Park	ESA Unassigned	NC	573	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Hockey Rink	ESA Unassigned	NC	108	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Campground Well	ESA Unassigned	NC	300	-	0.011	0.011	-	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Day Use Well	ESA Unassigned	NC	300	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Shop Well	ESA Unassigned	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./ Maintenance	ESA Unassigned	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./Camp Site #30	ESA Unassigned	NC	287	-	0.010	0.010	-	0.010	-	0.010	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Day Care	ESA Unassigned	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Village	AWC	C	96	0.007	-	0.007	-	0.007	-	0.007	0.008	-	-	0.008	-	-	-	-	-	0.001
Litchfield	Fernwood Rest Home	AWC	C	107	0.003	-	0.003	-	0.003	-	0.003	0.028	-	-	0.028	-	-	-	-	-	0.025
Litchfield	Touchstone N.A.F.I.	ESA Unassigned	C	43	0.003	-	0.003	-	0.003	-	0.003	0.011	-	-	0.011	-	-	-	-	-	0.008
Litchfield	Breezy Knoll Association	AWC	C	13	0.000	-	0.000	-	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Litchfield	Aquarion Water Co of CT-Litchfield Sys	AWC	C-Large	2177	0.132	0.123	0.255	0.019	0.274	-	0.274	0.077	-	-	0.077	0.196	-	-	-	-	-
Litchfield	Torrington Water Company	ESA Unassigned	C-Large	156	0.007	-	0.007	0.000	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Litchfield	491 Bantam Road	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	920 Bantam Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Cinema	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 2	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 3	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Da Capo Restaurant (formerly The Main Course Restaurant)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Gooseboro Drive-In	AWC	NC	25	-	0.000	0.000	0.002	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Lourdes of Litchfield(Upper&Lower)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Mockingbird Kitchen & Bar	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Northfield Bible Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Northland Properties, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Litchfield	Peaches N Cream	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Saint Pauls Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Stonybrook Golf Club	AWC	NC	32	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Toll Gate Hill Inn & Restaurant	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Topsmead State Park/Chase House	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	West Shore Seafood LLC	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Campground	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Conf. Ctr & Museum	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Wisdom House	ESA Unassigned	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Woods Pit Bbq And Mexican	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Litchfield Montessori School	ESA Unassigned	NTNC	120	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Aquarion Water Co of CT - West Shore	AWC	C	44	0.001	-	0.001	0.000	0.001	-	0.001	0.001	-	-	0.001	-	0.000	-	-	-	0.000
Middlebury	CTWC - Naugatuck Reg - Hillcrest	CTWC	C	120	0.004	-	0.004	-	0.004	-	0.004	-	0.030	-	0.030	-	-	-	-	0.004	0.026
Middlebury	Middlebury Commons	CTWC	C	76	0.006	-	0.006	-	0.006	-	0.006	0.027	-	-	0.027	-	-	-	-	-	0.021
Middlebury	Westover Water Co	CTWC	C	510	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.004
Middlebury	CTWC - Naugatuck Region-Central System	CTWC	C-Large	1,772	0.096	0.061	0.157	0.039	0.196	-	0.196	-	-	0.500	(0.500)	0.196	-	-	-	-	(0.500)
Middlebury	Heritage Water Company	CTWC	C-Large	1,581	0.115	0.080	0.194	0.014	0.208	-	0.208	-	0.500	-	0.500	0.462	0.254	-	-	-	0.500
Middlebury	Highfield, Inc.	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (First Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (West Lawn Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Lake Quassapaug Outing Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Maples Restaurant	CTWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Mobil	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Recreation Park	CTWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassapaug Sailing Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Amusement Park	CTWC	NC	325	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Field	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Sandy Beach Swim Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Elementary School	CTWC	NTNC	412	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Hamlet	CTWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Village Square	CTWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	27 Maple Drive	AWC	C	38	0.003	-	0.003	-	0.003	-	0.003	0.003	-	-	0.003	-	-	-	-	-	0.000
Monroe	Aquarion Water Co of CT-Main System	AWC	C-Large	12567	0.816	0.218	1.034	0.161	1.195	-	1.195	-	-	-	-	1.214	0.018	-	-	-	0.000
Monroe	179 Main Street - Monroe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	181 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	241 Roosevelt Drive	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	500 Purdy Hill Road	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	588 Monroe Tnpk - Ddh Associates, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	American Pie	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Beacon Hill Evangelical Free Church	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Crescent Village	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Duchess of Monroe	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Dunkin Donuts	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Lake Zoar Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Amoco (G & M Auto)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Food Mart	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Little League Beardsley Fields	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Route 34 Plaza - Monroe	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	The Smithy Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	The Waterview	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Our Lady of The Rosary Chapel	AWC	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Breezy Knoll Association	Town of Morris	C	87	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	0.000	-	-	-	0.024
Morris	Eldridge Elderly Housing	Town of Morris	C	40	0.003	-	0.003	-	0.003	-	0.003	0.005	-	-	0.005	-	-	-	-	-	0.002
Morris	5 Watertown Road (Rt 63) - Morris	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Buddha Ariyamett Aram Temple	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Camp Washington, Inc.	Town of Morris	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	East Morris Xtra Mart/Citgo Gas Station	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Ebner Camps, Inc. (Awosting)	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Giovannis Morris Pizza & Restaurant	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Community Hall And Library	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Field And Community Pavilion	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Popeys Ice Cream Shoppe/Ripe Tomato	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn -Cottage System	Town of Morris	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Integrated Illumination Systems	Town of Morris	NTNC	115	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	James Morris School	Town of Morris	NTNC	258	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	White Flower Farm	Town of Morris	NTNC	95	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn - Main System	Town of Morris	NTNC	55	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Naugatuck	Idleview Mobile Home Park	CTWC	C	138	0.004	-	0.004	-	0.004	-	0.004	0.005	-	-	0.005	-	-	-	-	-	0.001
Naugatuck	CTWC - Naugatuck Region-Central System	CTWC	C-Large	26,050	1.406	0.342	1.748	0.437	2.185	-	2.185	3.960	-	-	3.960	-	0.304	-	-	-	1.470
Naugatuck	982 Rubber Avenue	CTWC	NTNC	90	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Canaan	Aquarion Water Co of CT-New Canaan Sys	AWC	C-Large	10609	0.794	0.620	1.414	0.353	1.767	-	1.767	0.192	-	-	0.192	-	-	5.306	3.454	-	0.276
New Canaan	Norwalk First Taxing District	AWC	C-Large	83	0.006	0.005	0.011	0.002	0.012	-	0.012	4.000	-	-	4.000	-	0.004	-	-	-	3.984
New Canaan	Country Club of New Canaan (Halfway)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Grace Community Church	AWC	NC	165	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Country Club of New Canaan (Main Well)	AWC	NTNC	190	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes Foundation - Art Building	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Canaan	St Lukes School	AWC	NTNC	405	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes School Athletic Center	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
New Fairfield	Aquarion Water Co of CT - Dunham Pond	AWC	C	203	0.005	0.019	0.024	0.003	0.027	-	0.027	0.043	-	-	0.043	-	-	-	-	-	0.017
New Fairfield	Aquarion Water Co of CT-Ball Pond Sys	AWC	C	698	0.041	0.003	0.044	0.004	0.049	-	0.049	0.050	-	-	0.050	-	-	-	-	-	0.001
New Fairfield	Aquarion Water Co of CT-Fieldstone Ridge	AWC	C	84	0.005	-	0.005	0.001	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.014
New Fairfield	Aquarion Water Co of CT-Oakwood Acres	AWC	C	284	0.014	0.002	0.016	0.003	0.019	-	0.019	0.029	-	-	0.029	-	-	-	-	-	0.011
New Fairfield	Aquarion Water Co of CT-Owsc Birches	AWC	C	67	0.002	0.010	0.012	0.000	0.012	-	0.012	0.018	-	-	0.018	-	-	-	-	-	0.007
New Fairfield	Aquarion Water Co of CT-Owsc Possum Rdge	AWC	C	310	0.014	0.000	0.015	0.003	0.018	-	0.018	0.021	-	-	0.021	-	-	-	-	-	0.003
New Fairfield	Candlewood Knolls Water Authority	AWC	C	524	0.039	-	0.039	-	0.039	-	0.039	0.043	-	-	0.043	-	-	-	-	-	0.004
New Fairfield	Interlaken Water Company	AWC	C	64	0.005	-	0.005	-	0.005	-	0.005	0.022	-	-	0.022	-	-	-	-	-	0.017
New Fairfield	Knollcrest Tax District	AWC	C	356	0.027	-	0.027	-	0.027	-	0.027	0.047	-	-	0.047	-	-	-	-	-	0.020
New Fairfield	Aquarion Water Co of CT-Timber Trails	AWC	C	51	0.002	-	0.002	0.001	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
New Fairfield	249 Route 39	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	25 Old Route 37	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	4 Cotton Tail Road	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Candlewood Isle Club House	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Commons	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Plaza	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood - Lh	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Icons Sports Bar & Grill (Formerly 80 Route 39)	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Mobil Snack Shop	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Schools Concession Stand	AWC	NC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Candlewood Lake	AWC	NC	333	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Main Well	AWC	NC	200	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	St. Edward Rc Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	74 Route 37, LLC	New Fairfield WPCA	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Fairfield	Consolidated & Meeting House Hill School	AWC	NTNC	1425	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fairwood Professional Building	New Fairfield WPCA	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Heritage Plaza	New Fairfield WPCA	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield High/Middle School	AWC	NTNC	1791	-	0.032	0.032	0.002	0.034	-	0.034	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield WPCA	New Fairfield WPCA	NTNC	275	-	0.006	0.006	0.000	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Hartford	Little Brook Rd Property Owners Assn	New Hartford WPCA	C	64	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
New Hartford	West Hill Lake Water Assoc.	New Hartford WPCA	C	312	0.005	-	0.005	-	0.005	-	0.005	0.035	-	-	0.035	-	-	-	-	-	0.030
New Hartford	New Hartford Water Department	New Hartford WPCA	C-Large	1430	0.077	0.035	0.113	0.008	0.121	-	0.121	0.378	-	-	0.378	-	-	-	-	-	0.257
New Hartford	Torrington Water Company	Torrington Water Company	C-Large	50	0.002	-	0.002	0.000	0.002	-	0.002	-	-	-	-	0.296	0.294	-	-	-	-
New Hartford	1165 Litchfield Turnpike	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	97-107 Main Street - New Hartford	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Alcove Motel	New Hartford WPCA	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Hartford	Bershire Hall At Brodie Park	New Hartford WPCA	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Friendship - Well #3)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Loomis - Well #2)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (North-Well #5)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Ranger - Well #1)	New Hartford WPCA	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (South - Well #4)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Bailey	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Campsite	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Dining Hall	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Ski Sundown, Inc.	New Hartford WPCA	NC	600	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
New Hartford	Town of New Hartford - Brown's Corner	New Hartford WPCA	NC	200	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Trinita	New Hartford WPCA	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	West Hill Beach Club, Inc.	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Antolini Elementary School	New Hartford WPCA	NTNC	385	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Bakerville Consolidated School	New Hartford WPCA	NTNC	177	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Hartford	Foothills Shopping Plaza	New Hartford WPCA	NTNC	60	-	0.001	0.001	0.077	0.078	-	0.078	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Carmen Hill	AWC	C	309	0.013	0.001	0.013	0.004	0.018	-	0.018	0.041	-	-	0.041	-	0.001	-	-	-	0.023
New Milford	Aquarion Water Co of CT-Dean Heights Sys	AWC	C	162	0.008	0.002	0.010	0.003	0.013	-	0.013	0.023	-	-	0.023	-	-	-	-	-	0.010
New Milford	Aquarion Water Co of CT-Forest Hills Sys	AWC	C	264	0.009	-	0.009	0.002	0.011	-	0.011	0.027	-	-	0.027	-	-	-	-	-	0.016
New Milford	Aquarion Water Co of CT-Meadowbrook	AWC	C	358	0.020	0.002	0.022	0.002	0.024	-	0.024	0.039	-	-	0.039	-	0.002	-	-	-	0.013
New Milford	Aquarion Water Co of CT-Park Glen System	AWC	C	47	0.002	-	0.002	0.000	0.002	-	0.002	0.017	-	-	0.017	-	-	-	-	-	0.015
New Milford	Aquarion Water Co of CT-Pleasant View	AWC	C	217	0.017	0.003	0.020	0.004	0.024	-	0.024	0.036	-	-	0.036	-	-	-	-	-	0.012
New Milford	Aquarion Water Co of CT-Twin Oaks System	AWC	C	149	0.006	-	0.006	0.002	0.008	-	0.008	0.017	-	-	0.017	-	-	-	-	-	0.009
New Milford	Birch Groves Association, Inc	AWC	C	300	0.011	-	0.011	-	0.011	-	0.011	0.050	-	-	0.050	-	-	-	-	-	0.039
New Milford	Candle Hill Mobile Home Park	AWC	C	233	0.017	-	0.017	-	0.017	-	0.017	0.030	-	-	0.030	-	-	-	-	-	0.013
New Milford	Candlewood Springs Property Owners Assn	AWC	C	148	0.011	-	0.011	-	0.011	-	0.011	0.019	-	-	0.019	-	-	-	-	-	0.008
New Milford	Candlewood Trails Association, Inc.	AWC	C	312	0.015	-	0.015	-	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
New Milford	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
New Milford	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
New Milford	Litchfield Hill Condos	AWC	C	126	0.001	-	0.001	-	0.001	-	0.001	0.030	-	-	0.030	-	-	-	-	-	0.029
New Milford	Old Farms Condominium Association Inc	AWC	C	285	0.021	-	0.021	0.006	0.027	-	0.027	0.066	-	-	0.066	-	-	-	-	-	0.039
New Milford	Sunny Valley Tax District	AWC	C	500	0.038	-	0.038	-	0.038	-	0.038	0.050	-	-	0.050	-	-	-	-	-	0.013
New Milford	Aquarion Water Co of CT-New Milford	AWC	C-Large	7393	0.332	0.620	0.952	0.149	1.100	-	1.100	2.895	-	-	2.895	-	-	-	-	-	1.795
New Milford	358 Danbury Road	AWC	NC	66	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	471 And 475 Danbury Road - New Milford	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Alfredos Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Milford	Bible Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Bridges Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Bucks Rock Camp	AWC	NC	450	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-
New Milford	Bulls Bridge Golf Club	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Candlewood Valley Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Plaza	AWC	NC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Harrybrooke Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Jehovahs Witnesses	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Kent Rd Shopping Center	AWC	NC	25	-	0.001	0.001	0.029	0.030	-	0.030	-	-	-	-	-	-	-	-	-	-
New Milford	Lynn Deming Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	North Country Inn & Restaurant	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Northville Market, Inc.	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Red Carpet Motel	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Motel	AWC	NC	27	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Temple Sholom	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Thai Charm Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Green Spot	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Old Oak Tavern	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Trinity Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Upper Crust Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Commons	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	New Milford Town Garage	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Business & Professional Ctr	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Sunny View Childcare & School	AWC	NTNC	88	-	0.001	0.001	0.105	0.106	-	0.106	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Chestnut Tree	AWC	C	135	0.007	0.001	0.008	0.000	0.008	-	0.008	0.019	-	-	0.019	-	-	-	-	-	0.011
Newtown	Aquarion Water Co of CT-Owsc	AWC	C	460	0.017	0.001	0.017	0.002	0.020	-	0.020	0.038	-	-	0.038	-	-	-	-	-	0.018
Newtown	Cedarhurst Association	AWC	C	72	0.001	-	0.001	-	0.001	-	0.001	0.014	-	-	0.014	-	-	-	-	-	0.013
Newtown	Masonicare of Newtown	AWC	C	504	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.006
Newtown	Meadowbrook Terrace Mobile Home Park	AWC	C	158	0.012	-	0.012	-	0.012	-	0.012	0.019	-	-	0.019	-	-	-	-	-	0.008
Newtown	Aquarion Water Co of CT-Main System	AWC	C-Large	231	0.016	-	0.016	0.002	0.018	-	0.018	-	-	-	-	0.018	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Newtown System	AWC	C-Large	5739	0.262	0.586	0.848	0.089	0.937	-	0.937	1.124	-	-	1.124	-	-	-	0.007	-	0.180
Newtown	Fairfield Hills	AWC	C-Large	783	0.123	0.069	0.191	0.017	0.208	-	0.208	0.666	-	-	0.666	-	-	-	-	-	0.458
Newtown	1 Dodgingtown Road	AWC	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	100 Church Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	130 Mt Pleasant Tavern, LLC (McGuires)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	133 Mt Pleasant Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	144 Sugar Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	160 South Main Street - Newtown	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	316 South Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	4 Riverside Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Botsford Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Burrito Shack	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Cheesebread Factory	AWC	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Christ The King Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Church of Latter Day Saints, Dnbry/Nwtn	AWC	NC	373	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Congregation Adath Israel-115Huntingtown	AWC	NC	202	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dickinson Memorial Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dodgington Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Friendly Service Station (Citgo)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Grace Christian Fellowship	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Development, LLC.	AWC	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Hilarios Variety Store (Citgo)	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Kings Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Lorenzos Restaurant	AWC	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Mistyvale Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Rock Ridge Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Sandy Hook Diner	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	St. Johns Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Sugar Hill, LLC	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Treadwell Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Vibe Cafe LLC	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	7 Berkshire Road - Newtown	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Newtown	Curtis Packaging	AWC	NTNC	180	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Eversource - Newtown Area Work Center	AWC	NTNC	145	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Head O Meadow Elementary School	AWC	NTNC	506	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School - White	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School Ecc-Red	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Rocky Glen Mill	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Tangoe, Inc	AWC	NTNC	123	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Norfolk	Aquarion Water Co of CT-Norfolk System	AWC	C	837	0.046	0.020	0.066	0.012	0.078	-	0.078	0.730	-	-	0.730	-	-	-	-	-	0.652
Norfolk	Blackberry River Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
North Canaan	Aquarion Water Co of CT-North Canaan Sys	AWC	C-Large	1495	0.076	0.144	0.220	0.024	0.245	-	0.245	0.610	-	-	0.610	-	-	-	-	-	0.365
North Canaan	Freunds Farm Market & Bakery	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
North Canaan	Lone Oak Campground	AWC	NC	1250	-	0.044	0.044	-	0.044	-	0.044	-	-	-	-	-	-	-	-	-	-
North Canaan	North Canaan Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
North Canaan	Mountain Side Lodge	AWC	NTNC	111	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
North Canaan	Mountainside Treatment Center	AWC	NTNC	80	-	0.002	0.002	0.342	0.344	-	0.344	-	-	-	-	-	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Main System	Norwalk First Taxing District	C-Large	57	0.004	0.002	0.006	0.001	0.006	-	0.006	-	-	-	-	0.006	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Noroton System	South Norwalk Electric & Water	C-Large	126	0.009	-	0.009	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Norwalk	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	42447	2.844	2.413	5.257	0.876	6.133	-	6.133	3.750	-	-	3.750	2.384	0.001	-	-	-	(0.000)
Norwalk	South Norwalk Electric & Water	South Norwalk Electric & Water	C-Large	43365	2.849	2.197	5.046	-	5.046	0.055	4.991	-	-	-	-	5.046	-	-	-	-	0.055
Norwalk	Temple Shalom	South Norwalk Electric & Water	NTNC	100	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Norwalk	United Congregational Church	South Norwalk Electric & Water	NTNC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT-Hawkstone System	AWC	C	152	0.007	0.001	0.008	0.002	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Oxford	Heritage Water Company	Heritage Village Water Company	C-Large	1,970	0.137	0.099	0.237	0.017	0.254	0.041	0.213	-	-	0.050	(0.050)	0.254	-	-	-	-	(0.009)
Oxford	Aquarion Water Co of CT-Valley System	AWC	C-Large	590	0.043	0.016	0.058	0.006	0.065	-	0.065	0.890	-	-	0.890	-	-	-	-	-	0.825
Oxford	100 Oxford Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	231 Oxford Road - Oxford	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	403 Quaker Farms Road (formerly Quaker Farms Vol. Fire Dept.)	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Bobby Fritzs Snack Bar LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Colonial Tavern Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Girl Scouts of CT - Camp Anseox	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Jackson Cove	Heritage Village Water Company	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Olde Sawmill Snack Bar	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford United Church of Christ Congreg.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford Usa, LLC.	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Posypanko Park	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Rolando's Restaurant (formerly Cucina Rustica Ristorante, Inc.)	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Star Food Mart - Global Gas Station	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	144 Oxford Road, LLC	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT -Oxford Town Ctr	AWC	NTNC	25	-	0.041	0.041	-	0.041	-	0.041	-	0.050	-	0.050	-	-	-	-	0.041	-
Oxford	Christ Episcopal Church	Heritage Village Water Company	NTNC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Pleasant Valley Shopping Plaza	Heritage Village Water Company	NTNC	89	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Plymouth	CTWC - Naugatuck Reg-Terryville System	CTWC	C-Large	6226	0.336	0.073	0.409	0.031	0.440	-	0.440	0.718	0.600	-	1.318	-	0.002	-	-	-	0.876
Plymouth	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	63	0.003	0.006	0.009	0.001	0.010	-	0.010	-		-	-	0.010	-	-	-	-	-
Plymouth	655 Main Street - Plymouth	CTWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck - Well #3	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Leever Lodge	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Well #1 And #2 System	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	First Congregational Church of Plymouth	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Als Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Tennis Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Jehovahs Witnesses	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Plymouth Village	CTWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Harmony Acres Mobile Home Park	CTWC	C	465	0.035	-	0.035	-	0.035	-	0.035	0.040	-	-	0.040	-	-	-	-	-	0.005
Prospect	CTWC - Naugatuck Region-Central System	CTWC	C-Large	2,100	0.113	0.025	0.138	0.035	0.173	-	0.173	0.320	-	-	0.320	-	-	-	-	-	0.147
Prospect	34 Waterbury Road	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Bethel Baptist Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Crosspointe South	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Highland Greens (Golfcourse Clubhouse)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Kitchen)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Pool)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (U&L Wells)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Jvp Building	CTWC	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Mattatuck V.F.W. Post 8075	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	Prospect Little League Stand	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Senor Panchos	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	The Big Dipper	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	White Oak Financial Services, LLC	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Aquarion Water Co of CT-Main System	AWC	C-Large	684	0.055	0.009	0.064	0.010	0.074	-	0.074	-	-	-	-	0.074	-	-	-	-	-
Redding	109 Black Rock Tnpk	AWC	NC	48	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Long Ridge Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	296 Ethan Allen Highway - Redding	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	3 Sidecut Road	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	58 Redding Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Calvary Independent Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Christ Church Parish	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Ethan Allen Condos, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	New Pond Farm Education Center	AWC	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P./Youth Group Well	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P.-Pavilion System	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Community Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Meditation Society	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Ridge Market	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	St Patricks Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Temple B'nai Chaim	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Topstone Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	First Church of Christ, Congregational	AWC	NTNC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Georgetown Bus. & Prof Condo Assn	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Joel Barlow Regional High School	AWC	NTNC	1020	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Redding	John Read Middle School	AWC	NTNC	430	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Redding	Landmark Academy	AWC	NTNC	261	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Country Club	AWC	NTNC	115	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Elementary School	AWC	NTNC	811	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Barnum System	AWC	C	132	0.012	-	0.012	0.001	0.013	-	0.013	-		-	-	-	-	-	-	0.013	(0.013)
Ridgefield	Aquarion Water Co of CT-Craigmoor	AWC	C	62	0.002	-	0.002	0.000	0.003	-	0.003	0.009	-	-	0.009	-	-	-	-	-	0.006
Ridgefield	Aquarion Water Co of CT-McKeon System	AWC	C	67	0.006	-	0.006	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Ridgefield	Aquarion Water Co of CT-Ridgefield Knoll	AWC	C	666	0.038	0.001	0.040	0.005	0.045	-	0.045	0.050	-	-	0.050	-	-	-	-	-	0.005
Ridgefield	Aquarion Water Co of CT-Scodon	AWC	C	222	0.011	-	0.011	0.002	0.013	-	0.013	0.024	-	-	0.024	-	-	-	-	-	0.010
Ridgefield	Brookview Water Company	AWC	C	55	0.004	-	0.004	-	0.004	-	0.004	0.011	-	-	0.011	-	-	-	-	-	0.007
Ridgefield	Aquarion Water Co of CT-Main System	AWC	C-Large	0	-	0.006	0.006	0.001	0.007	-	0.007	-	-	-	-	0.531	-	-	0.524	-	-
Ridgefield	Aquarion Water Co of CT-Ridgefield Sys	AWC	C-Large	7601	0.563	0.275	0.838	0.093	0.931	-	0.931	0.482	-	-	0.482	-	-	0.524	-	-	0.075
Ridgefield	59 Ethan Allen Highway	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	590 Danbury Road LLC	AWC	NC	42	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	632 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	659 Danbury Road - Ridgefield	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	871 Ethan Allen Hwy Building	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aldridge Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Lake Windwing	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Martin Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Pro Shop & Rest.)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Public Fountain)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Ice Cream Shop	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Properties	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Elizabeth Seton Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Ignatius Retreat House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	The Golf Performance Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	720 Branchville LLC	AWC	NTNC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	890 Ethan Allen Highway - Ridgefield	AWC	NTNC	138	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Branchville School	AWC	NTNC	488	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Farmingville Elementary School	AWC	NTNC	428	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Nod Hill Brewery	AWC	NTNC	60	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgebury Congregational Church	AWC	NTNC	62	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield European Motors	AWC	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield High And Middle School	AWC	NTNC	2131	-	0.038	0.038	-	0.038	-	0.038	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ullman Devices (Main Building)	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Bernhardt Meadow	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.039	-	-	0.039	-	-	-	-	-	0.036
Roxbury	160 Baker Rd - Roxbury	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Christ Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Market Properties, LLC	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	162 Baker Road	AWC	NTNC	34	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Booth Free School	AWC	NTNC	130	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Chatfield Hill Assn., Inc.	AWC	C	68	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Salisbury	Salisbury School	ESA Unassigned	C	520	0.025	-	0.025	-	0.025	-	0.025	0.050	-	-	0.050	-	-	-	-	-	0.025
Salisbury	Aquarion Water Co of CT-Salisbury Sys	AWC	C-Large	1888	0.132	0.143	0.275	0.048	0.323	-	0.323	0.845	-	-	0.845	-	-	-	-	-	0.522
Salisbury	254 Twin Lakes Road - Salisbury	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Isola Bella Youth Camp	ESA Unassigned	NC	80	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Salisbury	Lime Rock Park, LLC	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Salisbury School - Boat House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Trinity Episcopal Church	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Twin Lakes Beach Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Aquarion Water Co of CT-Hawkstone System	AWC	C	27	0.001	-	0.001	-	0.001	-	0.001	-	0.050	-	0.050	-	0.010	-	-	0.011	0.039
Seymour	SCCRWA	SCCRWA	C-Large	910	0.047	0.895	0.943	0.105	1.047	0.861	0.186	2.500	-	4.050	(1.550)	1.047	-	-	-	-	(0.689)
Seymour	Aquarion Water Co of CT-Valley System	AWC	C-Large	10034	0.726	0.268	0.994	0.110	1.105	-	1.105	-	4.000	-	4.000	-	0.491	-	-	0.850	2.405
Seymour	Seymour Land Trust-Bldg& Athletic Field	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	The Meeting Place Restaurant	SCCRWA	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Seymour	Comcast of Ct/Ga/Ma/Nh/Ny/Nc/Va/Vt, LLC	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Seymour	Great Hill United Methodist Church	AWC	NTNC	85	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Total Sports Academy	SCCRWA	NTNC	75	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Sharon Ridge Apartments	ESA Unassigned	C	62	0.005	-	0.005	-	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.015
Sharon	Sharon Water & Sewer Commission	Sharon Water Department	C	803	0.056	0.098	0.154	-	0.154	-	0.154	0.205	-	-	0.205	-	-	-	-	-	0.051
Sharon	607 Cornwall Bridge Road	ESA Unassigned	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Main System	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Riverside	ESA Unassigned	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	National Audubon Society	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #1	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #2	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Trinity Glen-McCa	ESA Unassigned	NC	50	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Shelton	Aquarion Water Co of CT-Main System	AWC	C-Large	33498	2.345	0.672	3.017	0.471	3.488	-	3.488	10.000	-	-	10.000	-	6.447	-	-	-	0.065
Shelton	Harvest Kitchen Pantry-Jones Family Farm	AWC	NC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Shelton	Huntington Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Shelton	Indian Well S.P./South Well	AWC	NC	367	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Aquarion Water Co of CT-Timber Trails	AWC	C	259	0.011	0.000	0.012	0.002	0.013	-	0.013	0.033	-	-	0.033	-	0.003	-	-	-	0.017
Sherman	American Pie Company	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Sherman	Club River Oaks	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Holy Trinity Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Mallory Town Hall	AWC	NC	112	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Park & Beach Pavilion	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Volunteer Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Elementary School	AWC	NTNC	430	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #2	AWC	NTNC	79	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Aquarion Water Co of CT-Lakeside System	Heritage Village Water Company	C	486	0.020	-	0.020	0.013	0.033	-	0.033	0.144	-	-	0.144	-	-	-	-	-	0.111
Southbury	Oakdale Manor Water Association	Heritage Village Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	-	-	-	-	0.024
Southbury	Heritage Water Company	Heritage Village Water Company	C-Large	6,698	0.380	0.338	0.719	0.052	0.771	-	0.771	2.040	-	-	2.040	-	0.462	-	-	-	0.807
Southbury	Southbury Training School	State Agency Existing Service Area	C-Large	300	0.102	-	0.102	-	0.102	-	0.102	0.324	-	-	0.324	-	-	-	-	-	0.222
Southbury	1500-1514 Southford Road	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Christ The Savior Orthodox Church	Heritage Village Water Company	NC	150	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Epiphany	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Latter Day Saints, Southbury	Heritage Village Water Company	NC	121	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Hine Bros Inc.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Beach Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Campground Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Mirandas Pizza & Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Congregational Church	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Country Store	Heritage Village Water Company	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Corner, LLC	Heritage Village Water Company	NC	47	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Splash Car Wash	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Subway of Southbury Ct	Heritage Village Water Company	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	First Steps Day Care & Learning Center	Heritage Village Water Company	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Great Expectations Day Care & Annex	Heritage Village Water Company	NTNC	125	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Center	Heritage Village Water Company	NTNC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Retail Center	Heritage Village Water Company	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	The Romatic Manufacturing Company	Heritage Village Water Company	NTNC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Stamford	Aquarion Water Co of CT-Stamford	AWC	C-Large	120590	9.024	6.000	15.024	1.669	16.694	-	16.694	15.629	-	-	15.629	-	-	1.065	-	-	-
Stamford	Bartlett Arboretum Assoc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Chimney Corners Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Dorothy Heroy Recreation Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	High Ridge United Methodist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Lakeside Diner & Mall	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Long Ridge Swim & Tennis Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Madonia Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Camp Playland	AWC	NTNC	77	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Church of Christ The Healer	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Rockrimmon Country Club	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	St Francis Church	AWC	NTNC	70	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stratford	Aquarion Water Co of CT-Main System	AWC	C-Large	51467	3.088	1.438	4.527	0.706	5.233	-	5.233	-	-	-	-	5.233	-	-	-	-	-
Thomaston	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	3930	0.200	0.137	0.337	0.037	0.374	-	0.374	0.609	0.650	0.600	0.659	-	0.010	-	-	-	0.275
Thomaston	City Limits	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Eagle Rock Cong. Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Beach Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Upper Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Dam Vista Picnic Area	CTWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Lanes Inc.	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Thomaston	Metallon Inc	CTWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Aquarion Water Co of CT-Litchfield Sys	Torrington Water Company	C-Large	54	0.003	-	0.003	0.000	0.003	-	0.003	-	0.400	-	0.400	0.065	0.196	-	-	0.131	0.265
Torrington	Torrington Water Company	Torrington Water Company	C-Large	33982	1.563	0.486	2.049	0.108	2.157	0.131	2.026	5.320	-	0.400	4.920	-	0.304	-	-	-	2.590
Torrington	823 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	861 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Headquarters	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Toilet Building Well	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Cumberland Farms #4590	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Dr. Munroe's Dental Center	Torrington Water Company	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Elks Pond	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Lakeside Motel	Torrington Water Company	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Torrington	Lost Boys Brewery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Advent Christian Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Pizza Palace	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Toyota Dealership	Torrington Water Company	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	United Congregational Church-Torringford	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Wrights Barn	Torrington Water Company	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Uconn - Torrington Campus	Torrington Water Company	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Trumbull	Tashua Village Association, Inc.	AWC	C	35	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Trumbull	Aquarion Water Co of CT-Main System	AWC	C-Large	36210	2.716	0.709	3.425	0.535	3.960	-	3.960	-	-	-	-	3.960	-	-	-	-	-
Warren	Arrow Point Water Co	ESA Unassigned	C	84	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.047
Warren	The Washington Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Hopkins Supply	ESA Unassigned	NTNC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Warren	Warren Congregational Church	ESA Unassigned	NTNC	54	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Warren Elementary School	ESA Unassigned	NTNC	140	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Washington	Aquarion Water Co of CT-Judea Depot	AWC	C	64	0.004	0.003	0.007	0.001	0.008	-	0.008	0.019	-	-	0.019	-	-	-	-	-	0.012
Washington	Aquarion Water Co of CT-Judea Main (Green)	AWC	C	195	0.012	0.010	0.022	0.003	0.026	-	0.026	0.041	-	-	0.041	-	-	-	-	-	0.015
Washington	Aquarion Water Co of CT-Quarry Ridge	AWC	C	85	0.003	-	0.003	0.001	0.003	-	0.003	0.010	-	-	0.010	-	-	-	-	-	0.006
Washington	Bee Brook Crossing Condominiums	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.043	-	-	0.043	-	-	-	-	-	0.034
Washington	Dodge Farm	ESA Unassigned	C	42	0.002	-	0.002	-	0.002	-	0.002	0.028	-	-	0.028	-	-	-	-	-	0.027
Washington	Gunnery School	AWC	C	300	0.023	-	0.023	-	0.023	-	0.023	0.050	-	-	0.050	-	-	-	-	-	0.028
Washington	New Preston Water Co	ESA Unassigned	C	139	0.010	-	0.010	-	0.010	-	0.010	0.024	-	-	0.024	-	-	-	-	-	0.013
Washington	Rumsey Hall School	ESA Unassigned	C	398	0.030	-	0.030	-	0.030	-	0.030	0.021	-	-	0.021	-	-	-	-	-	(0.009)
Washington	Devereux Glenholme School - Main Campus	ESA Unassigned	C	245	0.025	-	0.025	-	0.025	-	0.025	0.028	-	-	0.028	-	-	-	-	-	0.004
Washington	Ebner Camps, Inc (Camp Chinqueka)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	287 New Milford Tnpk	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	295 New Milford Turnpike (formerly Chuck Wagon Restaurant)	ESA Unassigned	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	9 Main Street	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Bee Brook Fire House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	G.W. Tavern	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Lake Waramaug Country Club	ESA Unassigned	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Marbledale 151 Corp	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mount Tom State Park	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	St. Andrews Church & Sweet Harmonies Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Washington Golf Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	White Horse Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	John Dorr Nature Lab	ESA Unassigned	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Inn	ESA Unassigned	NTNC	109	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Spa	AWC	NTNC	72	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Shepaug Middle/High School	ESA Unassigned	NTNC	770	-	0.014	0.014	-	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Washington	Washington Montessori School	ESA Unassigned	NTNC	350	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Washington	Washington Primary School	AWC	NTNC	247	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Waterbury	CTWC - Naugatuck Region-Central System	Waterbury Water Department	C-Large	764	0.041	0.002	0.043	0.011	0.054	-	0.054	-	0.300	-	0.300	0.054	-	-	-	-	0.300
Waterbury	Waterbury Water Department	Waterbury Water Department	C-Large	110392	8.800	4.645	13.445	2.754	16.198	1.398	14.800	27.000	-	4.480	22.520	-	-	-	-	-	7.720
Watertown	Watertown Water & Sewer - Westgate	Watertown Water & Sewer	C	250	0.014	-	0.014	-	0.014	-	0.014	-	0.045	-	0.045	-	-	-	-	0.014	0.031
Watertown	Watertown Fire District	Watertown Fire District	C-Large	6,436	0.354	0.104	0.458	0.051	0.509	0.014	0.495	1.340	-	0.045	1.295	-	-	-	-	-	0.800
Watertown	Watertown Water & Sewer Authority	Watertown Water & Sewer	C-Large	10,846	0.597	0.503	1.100	0.062	1.162	-	1.162	-	3.000	-	3.000	-	-	-	-	1.162	1.838
Watertown	1030 Litchfield Road - Watertown	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	720 Thomaston Road	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Camp Mataucha	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Crestbrook Park Pro-Shop/Maintenance	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Sunset Grille	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	VFW Post 5157	ESA Unassigned	NC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Kangaroo Korner Childcare Center	ESA Unassigned	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Water Supply	AWC	C	100	0.008	-	0.008	-	0.008	-	0.008	0.025	-	-	0.025	-	-	-	-	-	0.017
Weston	Aquarion Water Co of CT-Main System	AWC	C-Large	318	0.064	0.001	0.065	0.010	0.075	-	0.075	-	-	-	-	0.075	-	-	-	-	-
Weston	Aspetuck Valley Ctry Club - Pool/Snackbr	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Emmanuel Episcopal Church	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Lodge	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Main	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Aspetuck Valley Country Club-Clubhouse	AWC	NTNC	415	-	0.012	0.012	-	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Weston	Norfield Congregational Church	AWC	NTNC	81	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	St. Francis of Assisi R.C. Church	AWC	NTNC	80	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #1	AWC	NTNC	291	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #2	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Weston	Weston Schools And Municipal Buildings	AWC	NTNC	2600	-	0.047	0.047	-	0.047	-	0.047	-	-	-	-	-	-	-	-	-	-
Weston	Weston Shopping Center Associates, LLC	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Westport	Aquarion Water Co of CT-Main System	AWC	C-Large	26776	3.213	0.887	4.100	0.640	4.740	-	4.740	6.370	-	-	6.370	5.073	6.702	-	-	-	-
Westport	Norwalk First Taxing District	ESA Unassigned	C-Large	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Wilton	Aquarion Water Co of CT-Main System	AWC	C-Large	3201	0.289	0.325	0.615	0.096	0.710	-	0.710	-	-	-	-	6.621	0.605	-	5.306	-	-
Wilton	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	45	0.003	-	0.003	0.001	0.004	-	0.004	-	-	-	-	0.004	-	-	-	-	-
Wilton	South Norwalk Electric & Water	AWC	C-Large	672	0.044	-	0.044	-	0.044	-	0.044	5.500	-	-	5.500	-	5.046	-	-	-	0.410
Wilton	644 Danbury Road	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	673 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	713 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	951 Danbury Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Cannondale Railroad Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Four Seasons Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Merwin Meadows Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club - Paddle Hut (Well 2)	AWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club, Inc	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Wilton Riding Club, Inc	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Weir Farm National Historic Site	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Wilton Train Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Woodcock Nature Center Inc	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	463 Danbury Road - Wilton	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Childrens Day School of Wilton	AWC	NTNC	96	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Rolling Hills Country Club	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wilton	The Grumman Hill Montessori Association	AWC	NTNC	259	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Winchester	Winsted Water Works	Winsted Water Works	C-Large	7945	0.920	0.228	1.148	0.203	1.350	-	1.350	2.980	-	-	2.980	-	-	-	-	-	1.630

Table B-4: Western PWSMA - Five-Year (2023) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2023 Residential Demand	2023 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2023 Total ADD	Water Sold to Other Utility	2023 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Winchester	Coplex Sports Domain	Winsted Water Works	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Crystal Peak	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Green Woods Country Club	Winsted Water Works	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Greenwood Trails	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	185 Torrington Road - Lanson Drive	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Frontier Long Distance	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	SCCRWA	Wolcott Water Department	C-Large	315	0.016	0.012	0.028	0.003	0.031	-	0.031	-	-	-	-	0.031	-	-	-	-	-
Wolcott	Aquarion Water Co of CT-Tlwc Clearview	Wolcott Water Department	C	225	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	-	-	-	0.008	-
Wolcott	Aquarion Water Co of CT-Tlwc Woodrich	Wolcott Water Department	C	78	0.002	-	0.002	0.000	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Wolcott	Arrowhead By The Lake Association, Inc.	Wolcott Water Department	C	288	0.022	-	0.022	-	0.022	-	0.022	0.050	-	-	0.050	-	-	-	-	-	0.028
Wolcott	Countryside Apartments	Wolcott Water Department	C	218	0.016	-	0.016	-	0.016	0.008	0.009	0.033	-	0.008	0.025	-	-	-	-	-	0.017
Wolcott	Lake Hills Village Condominiums	Wolcott Water Department	C	102	0.008	-	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.003
Wolcott	Wolcott Water Department	Wolcott Water Department	C-Large	2857	0.151	0.046	0.198	0.035	0.232	-	0.232	-	0.500	-	0.500	-	-	-	-	0.232	0.268
Wolcott	1189 Wolcott Road	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	1273 Wolcott Road (Wolcott Inn & Suites)	Wolcott Water Department	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	2 North Street	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	584-586 Wolcott Road	Wolcott Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	All Saints Episcopal Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	American Legion Post 165	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Farmingbury Golf Course	Wolcott Water Department	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	J & M Pizza	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Krystal Gardens	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Mahans Lakeview Fine Catering LLC	Wolcott Water Department	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Nutmeg Farms CT LLC	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Peterson Park	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Plaza At 382-390 Wolcott Road- Back Well	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rietdyke Senior Center	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rockstar Lounge	Wolcott Water Department	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Maria Goretti Catholic Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Pius X Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Activity And Learning Center	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Baseball Association	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Congregational Church	Wolcott Water Department	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Land Owners Protective Assn. Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Lanes, Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Public Library	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Sports Complex	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Town Hall	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott VFW Post 1979	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Woodtick Recreational Stand	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	421 Wolcott Road, LLC	Wolcott Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	464 Wolcott Road	Wolcott Water Department	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Alcott School	Wolcott Water Department	NTNC	638	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Childrens Village - Boundline	Wolcott Water Department	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	Frisbie School	Wolcott Water Department	NTNC	446	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Wolcott	Nucap	Wolcott Water Department	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Wolcott	Tyrrell School	Wolcott Water Department	NTNC	454	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Police Dept	Wolcott Water Department	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Aquarion Water Co of CT - West Shore	AWC	C	9	0.000	-	0.000	0.000	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Woodbury	Heritage Hill Condominium Assn, Inc	AWC	C	120	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Woodbury	Holly House Apartments	AWC	C	75	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Woodbury	Quassuk Heights Condominium Assn	AWC	C	108	0.008	-	0.008	-	0.008	-	0.008	0.009	-	-	0.009	-	-	-	-	-	0.001
Woodbury	Town In Country Condominiums - Lower Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Woodbury	Town In Country Condominiums - Upper Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.008
Woodbury	Woodbury Knoll, LLC.	AWC	C	258	0.019	-	0.019	-	0.019	-	0.019	0.022	-	-	0.022	-	-	-	-	-	0.003
Woodbury	Woodbury Place Condominium Assn	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
Woodbury	Woodlake Tax District	AWC	C	914	0.043	0.005	0.048	-	0.048	-	0.048	0.140	-	-	0.140	-	-	-	-	-	0.092
Woodbury	Aquarion Water Co of CT-Woodbury System	AWC	C-Large	1221	0.065	0.068	0.133	0.009	0.142	-	0.142	0.270	-	-	0.270	-	-	-	-	-	0.128
Woodbury	1633 Main Street - Woodbury	Watertown Fire District	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	308 Sherman Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Dairy Delite & Johns Cafe	AWC	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 1	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 2	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Premier Care of Woodbury	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area Rod Taylor Tubing Area	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	670 Main Street North - Woodbury	AWC	NTNC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Early Learning Center of Woodbury	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Nonnewaug High School	AWC	NTNC	887	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Ansonia	SCCRWA	SCCRWA	C-Large	20372	1.059	0.657	1.716	0.191	1.907	-	1.907	-	-	-	-	3.948	2.041	-	-	-	(0.000)
Barkhamsted	Foxridge Apartments-Well 1	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Foxridge Apartments-Well 2	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Rocktree Apartments	ESA Unassigned	C	60	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Barkhamsted	Wallens Hill Apartments	ESA Unassigned	C	50	0.004	-	0.004	-	0.004	-	0.004	0.010	-	-	0.010	-	-	-	-	-	0.006
Barkhamsted	American Legion Sf / Austin F. Hawes	ESA Unassigned	NC	42	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Brass Horse Cafe & Motel	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Log House Restaurant Inc.	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #1	Winsted Water Works	NC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #2	Winsted Water Works	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough - East Beach	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough-Patrol Headquarters	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Peoples S.F./Main Picnic Area	ESA Unassigned	NC	26	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley Drive-In	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley General Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley United Methodist Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Riverton General Store	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sweet Peas Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #1	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #2	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	White Pines Campsite	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Barkhamsted Elementary School	ESA Unassigned	NTNC	360	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Lombard Ford	Winsted Water Works	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Supply Division Headquarters	ESA Unassigned	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sterling Engineering Corp.	ESA Unassigned	NTNC	110	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Beacon Falls	CTWC - Naugatuck Region-Central System	CTWC	C-Large	900	0.049	-	0.049	0.007	0.056	-	0.056	-	-	-	-	0.056	-	-	-	-	-
Beacon Falls	Aquarion Water Co of CT-Valley System	AWC	C-Large	4750	0.343	0.126	0.469	0.052	0.521	-	0.521	-	-	-	-	0.521	-	-	-	-	-
Bethel	Aquarion Water Co of CT-Berkshire Corp	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bethel	Elmwood Court LLC	Bethel Water Department	C	54	0.004	-	0.004	-	0.004	-	0.004	0.018	-	-	0.018	-	-	-	-	-	0.014
Bethel	Aquarion Water Co of CT-Chimney Heights	AWC	C-Large	2532	0.145	0.141	0.286	0.039	0.325	-	0.325	0.162	0.120	-	0.282		0.011	0.059	-	0.120	0.005
Bethel	Bethel Water Dept	Bethel Water Department	C-Large	9908	0.586	0.246	0.832	0.153	0.985	-	0.985	1.360	-	-	1.360	-	-	-	-	-	0.375
Bethel	Danbury Water Department	Bethel Water Department	C-Large	229	0.012	0.002	0.014	0.003	0.016	-	0.016	-	-	-	-	0.016	-	-	-	-	-
Bethel	44 Stony Hill Road	AWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	47 Stony Hill Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	76 Stony Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Bennett Memorial Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	His Vineyard, Inc.	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Meckauer Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Meeting House Pub (formerly La Fortuna Restaurant)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Michael's At The Grove (formerly Capellaros Grove)	AWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	New Colony Diner #5	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Old Heidelberg Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Stony Hill Plaza/Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Sunoco, Putnam Park Road	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Kindercare Learning Center Inc.	AWC	NTNC	157	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 1	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 2	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Precious Moments	Bethel Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	North Purchase Elderly Housing	AWC	C	72	0.002	-	0.002	-	0.002	-	0.002	0.013	-	-	0.013	-	-	-	-	-	0.011
Bethlehem	Woodhall School, Inc	AWC	C	68	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.048
Bethlehem	151 Main Street, LLC.	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Square	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Town Hall And Library	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Christ Episcopal Church	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Church of The Nativity	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	First Church of Bethlehem	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Flanders Crossings (formerly Bethlehem Commons)	Town of Bethlehem	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Painted Pony Restaurant	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Sunny Ridge Supermarket	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Theos Pizza	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Day Care	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Elementary School/District 14	AWC	NTNC	406	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Bethlehem	Newport Academy	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	The Wellspring Foundation, Inc.	AWC	NTNC	63	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Wellspring Foundation - Shiloah	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgeport	Aquarion Water Co of CT-Main System	AWC	C-Large	156249	8.594	19.324	27.918	4.357	32.275	-	32.275	-	-	-	-	32.275	-	-	-	-	-
Bridgewater	Aquarion Water Co of CT-New Milford	AWC	C	36	0.002	-	0.002	-	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bridgewater	Bridgewater Commons Condominiums	AWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.037	-	-	0.037	-	-	-	-	-	0.033
Bridgewater	Bridgewater Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Plaza Convenience Store	AWC	NC	262	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Village Store	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	St. Marks Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Burnham School	AWC	NTNC	121	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bristol	Chippanydale Association	Bristol Water Department	C	52	0.001	-	0.001	-	0.001	-	0.001	0.007	-	-	0.007	-	-	-	-	-	0.006
Bristol	Bristol Water Department	Bristol Water Department	C-Large	58445	3.977	1.471	5.448	0.269	5.717	-	5.717	6.870	0.500	-	7.370	-	0.003	-	-	0.233	1.650

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Bristol	CTWC - Naugatuck Reg-Terryville System	Bristol Water Department	C-Large	42	0.002	-	0.002	0.000	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bristol	249 Terryville Road - Bristol	Bristol Water Department	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	735 Terryville Ave	Bristol Water Department	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Chippens Hill Medical Center	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Georges Terryville Market	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Girl Scouts of CT - Camp Carlson	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Orchard House-Indian Rock Nature Preserv	Bristol Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Pebble House-Indian Rock Nature Preserve	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Wojtusik Nursery	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	39 Hop Brook Rd - Apt Complex	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.015	-	-	0.015	-	-	-	-	-	0.012
Brookfield	Aquarion Water Co of CT-Chimney Heights	AWC	C	66	0.006	0.004	0.010	0.001	0.011	-	0.011	-	-	-	-	0.011	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-New Milford	AWC	C	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Indian Fields	AWC	C	176	0.012	-	0.012	0.002	0.014	-	0.014	0.016	-	-	0.016	-	-	-	-	-	0.002
Brookfield	Aquarion Water Co of CT-Owsc Brookwood	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Owsc Butternut	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Arrowhead Point Homeowners Assn Inc.	AWC	C	296	0.022	-	0.022	-	0.022	-	0.022	0.022	-	-	0.022	-	-	-	-	-	(0.001)
Brookfield	Brookfield Hills Condominium Unit Owners	AWC	C	144	0.011	-	0.011	-	0.011	-	0.011	0.033	-	-	0.033	-	-	-	-	-	0.023
Brookfield	Brookfield Housing Authority	AWC	C	37	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Brookfield	Candlewood Orchards Property Owners Corp	AWC	C	144	0.004	-	0.004	-	0.004	-	0.004	0.040	-	-	0.040	-	-	-	-	-	0.036
Brookfield	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
Brookfield	Aquarion Water Co of CT-Hickory Hills	AWC	C	132	0.008	-	0.008	-	0.008	-	0.008	0.024	-	-	0.024	-	-	-	-	-	0.016
Brookfield	Lake Lillinonah Shores Condos	AWC	C	130	0.010	-	0.010	-	0.010	-	0.010	0.050	-	-	0.050	-	-	-	-	-	0.040
Brookfield	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
Brookfield	Stony Hill Village Condominium Assn	AWC	C	392	0.029	-	0.029	-	0.029	-	0.029	0.050	-	-	0.050	-	-	-	-	-	0.021
Brookfield	Whisconier Village Association, Inc.	AWC	C	123	0.009	-	0.009	-	0.009	-	0.009	0.011	-	-	0.011	-	-	-	-	-	0.002
Brookfield	Woodcreek Village Condominium Assn, Inc	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.013	-	-	0.013	-	-	-	-	-	0.008
Brookfield	Aquarion Water Co of CT-Brookfield Sys	AWC	C-Large	5962	0.372	0.361	0.733	0.100	0.833	-	0.833	0.827	-	-	0.827	-	-	-	-	-	(0.006)
Brookfield	Aquarion Water Co of CT-Western Brookfld	AWC	C-Large	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Shores Tax District	AWC	C-Large	1348	0.071	-	0.071	0.001	0.072	-	0.072	0.132	-	-	0.132	-	-	-	-	-	0.060
Brookfield	18 Old Route 7	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	189 Sports Cafe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	292 Candlewood Lake Rd	AWC	NC	35	-	0.000	0.000	0.003	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	316 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	439 Candlewood Lake Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	70 Candlewood Lake Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	83 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	All-Star Transportation	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Lanes	AWC	NC	30	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood East Beach Club/Marina	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Inn	AWC	NC	75	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Colonial Square Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Cosmos Enterprises	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Extra Space Storage	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Firestone Tires	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Five Guys Famous Burgers	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Fox Hill Inn	AWC	NC	85	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Golden Leaf Chinese Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Golf Quest - Brookfield	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Hearth Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Hi-Way Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Laurel Hill Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Inn	AWC	NC	36	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Panchos & Gringos Mexican Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Rg 49 Federal Road, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Facility	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Station - 138 Federal Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The Dive Shop Aquatic Center	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The White House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Town of Brookfield - Cadigan Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Valley Presbyterian Church	AWC	NC	41	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Wendys Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	1114 Federal Road	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	125 Commerce Drive	AWC	NTNC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Commons	AWC	NTNC	125	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield High School	AWC	NTNC	1150	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Office Park Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Professional Bldg	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Regional YMCA	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Lake Shopping Plaza	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Center Elementary School	AWC	NTNC	527	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Brookfield	Christian Life Academy	AWC	NTNC	148	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Country Kids Club	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Brookfield	Country Kids Play Farm	AWC	NTNC	167	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Elmbrook Plaza	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Felchris - 61 Commerce Drive	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Green Tree Toyota	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Huckleberry Hill Elementary School	AWC	NTNC	830	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Brookfield	Landmark Office Condo Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	McMullin Manufacturing Corporation	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Pharmco Products	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 1	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 2	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Prince of Peace Lutheran Church	AWC	NTNC	58	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph School	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Silvermine Road Water System	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	St Marguerite Bourgeoys Church	AWC	NTNC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	U. S. Post Office - Brookfield	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Whisconier Middle School	AWC	NTNC	1010	-	0.015	0.015	-	0.015	-	0.015	-	-	-	-	-	-	-	-	-	-
Burlington	CTWC - Naugatuck Reg-Collinsville Sys	CTWC	C-Large	120	0.008	0.000	0.009	0.000	0.009	-	0.009	-	-	-	-	0.009	-	-	-	-	-
Burlington	Farmington Line West Condominiums	CTWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.002	-	-	0.002	-	-	-	-	-	(0.002)
Burlington	Woodcrest Association, Inc	CTWC	C	60	0.005	-	0.005	-	0.005	-	0.005	0.021	-	-	0.021	-	-	-	-	-	0.016
Burlington	Bristol Water Department	Bristol Water Department	C-Large	45	0.003	-	0.003	0.000	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
Burlington	Torrington Water Company	Torrington Water Company	C-Large	4093	0.188	0.060	0.248	0.013	0.261	-	0.261	-	-	-	-	0.261	-	-	-	-	-
Burlington	Burlington Highway Dept (Garage)	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Public Library	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Town Hall	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Deep Burlington Fish Hatchery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Sessions Woods Wildlife Management Area	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	The Frozen Gnome	Torrington Water Company	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	YMCA Camp Chase	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Academy	Torrington Water Company	NTNC	105	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Burlington	Lake Garda School	CTWC	NTNC	715	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Canaan	Canaan Water Dept	ESA Unassigned	C	488	0.026	0.011	0.037	-	0.037	-	0.037	0.029	-	-	0.029	-	-	-	-	-	(0.008)
Canaan	Pine Grove Association,Inc.	ESA Unassigned	C	248	0.019	-	0.019	-	0.019	-	0.019	0.006	-	-	0.006	-	-	-	-	-	(0.012)
Canaan	200 Route 7 North	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	251 Route 7 S	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	Camp Isabella Freedman	ESA Unassigned	NTNC	84	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Canaan	Edward R. Hamilton Bookseller	ESA Unassigned	NTNC	150	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Canaan	Housatonic Valley Regional H S	ESA Unassigned	NTNC	750	-	0.014	0.014	0.029	0.042	-	0.042	-	-	-	-	-	-	-	-	-	-
Canaan	Town of Canaan	ESA Unassigned	NTNC	63	-	0.001	0.001	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cheshire	Crestview Condominium Association	SCCRWA	C	84	0.006	-	0.006	-	0.006	-	0.006	0.007	-	-	0.007	-	-	-	-	-	0.001
Cheshire	Meriden Water Division	SCCRWA	C-Large	50	0.003	-	0.003	0.001	0.004	-	0.004	3.100	0.500	-	3.600	-	3.316	-	-	0.220	0.280
Cheshire	SCCRWA	SCCRWA	C-Large	27577	1.434	0.889	2.323	0.258	2.581	0.220	2.361	4.600	-	0.500	4.100	-	0.029	-	-	-	1.710
Cheshire	Southington Water Department	SCCRWA	C-Large	473	0.035	0.010	0.045	0.006	0.052	-	0.052	-	-	-	-	0.052	-	-	-	-	-
Cheshire	Wallingford Water Division	SCCRWA	C-Large	128	0.007	-	0.007	0.001	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Cheshire	Cheshire Public Park Well (Lock 12)	SCCRWA	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Church of The Epiphany	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Hickory Hill Orchards	SCCRWA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cheshire	Mixville Park	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Cheshire United Methodist	SCCRWA	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Curtis Homestead Village	SCCRWA	NTNC	94	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Hideaway	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Congregational Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Town Hall Complex	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Senior	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Sunrise	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Childcare LLC	ESA Unassigned	NTNC	44	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Consolidated School	ESA Unassigned	NTNC	170	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Aquarion Water Co of CT-Cornwall System	AWC	C	101	0.005	0.002	0.007	0.000	0.007	-	0.007	0.050	-	-	0.050	-	-	-	-	-	0.043
Cornwall	Cornwall Water Company	ESA Unassigned	C	48	0.004	-	0.004	-	0.004	-	0.004	0.004	-	-	0.004	-	-	-	-	-	0.001
Cornwall	Kugeman Village	ESA Unassigned	C	54	0.004	-	0.004	-	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.018
Cornwall	25 Kent Road	ESA Unassigned	NC	39	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Main System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Nurse & Winter House)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Inn	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mountain (Pine Lodge System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mtn. Ski Area - Main Lodge	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Railroad Square Plaza (Ne Catering)	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center Dix House-Main	ESA Unassigned	NC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center-Butler Hall	ESA Unassigned	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Wandering Moose Cafe & Catering Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Child Center, Inc.	ESA Unassigned	NTNC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Consolidated School	ESA Unassigned	NTNC	202	-	0.002	0.002	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Danbury	Aqua Vista Assoc, Inc - Lower System	Danbury Water Department	C	128	0.010	-	0.010	-	0.010	-	0.010	0.012	-	-	0.012	-	-	-	-	-	0.002
Danbury	Aqua Vista Assoc, Inc - Upper System	Danbury Water Department	C	260	0.020	-	0.020	-	0.020	-	0.020	0.024	-	-	0.024	-	-	-	-	-	0.004
Danbury	Aquarion Water Co of CT-Cedar Heights	Danbury Water Department	C	386	0.016	0.002	0.018	0.000	0.018	-	0.018	0.030	-	-	0.030	-	-	-	-	-	0.012
Danbury	Aquarion Water Co of CT-Hollandale Est.	Danbury Water Department	C	208	0.009	0.000	0.010	0.000	0.010	-	0.010	-	-	-	-	-	-	-	-	0.010	(0.010)
Danbury	Aquarion Water Co of CT-Ken Oaks	Danbury Water Department	C	158	0.007	0.001	0.008	0.001	0.008	-	0.008	-	-	-	-	-	-	-	-	0.008	(0.008)

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Danbury	Aquarion Water Co of CT-Pearce Manor	Danbury Water Department	C	139	0.006	-	0.006	0.001	0.007	-	0.007	0.025	-	-	0.025	-	-	-	-	-	0.018
Danbury	Aquarion Water Co of CT-Rolling Ridge	Danbury Water Department	C	119	0.007	-	0.007	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Danbury	Aquarion Water Co of CT-Tlwc Indian Sprg	Danbury Water Department	C	252	0.013	0.001	0.014	0.001	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
Danbury	Candlewood Park Inc	Danbury Water Department	C	500	0.036	-	0.036	-	0.036	-	0.036	0.031	-	-	0.031	-	-	-	-	0.004	(0.004)
Danbury	Cedar Terrace Prop Owners Assn	Danbury Water Department	C	66	0.005	-	0.005	0.001	0.006	-	0.006	0.019	-	-	0.019	-	-	-	-	-	0.014
Danbury	Cornell Hills Assoc, Inc	Danbury Water Department	C	108	0.008	-	0.008	-	0.008	-	0.008	0.050	-	-	0.050	-	-	-	-	-	0.042
Danbury	Danbury Water Dept-Ridgeview Gardens	Danbury Water Department	C	116	0.009	-	0.009	-	0.009	-	0.009	0.012	-	-	0.012	-	-	-	-	-	0.003
Danbury	Danbury Water Dept- Hawthorne Terrace Assoc	Danbury Water Department	C	156	0.012	-	0.012	-	0.012	-	0.012	0.040	-	-	0.040	-	-	-	-	-	0.028
Danbury	Lake Waubeeka Association	Danbury Water Department	C	712	0.053	-	0.053	-	0.053	-	0.053	0.281	-	-	0.281	-	-	-	-	-	0.227
Danbury	Shady Acres Mobile Home Park	Danbury Water Department	C	117	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Danbury	Snug Harbor Development Corp	Danbury Water Department	C	144	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Danbury	Danbury Water Department	Danbury Water Department	C-Large	68034	3.508	2.048	5.556	1.137	6.694	0.205	6.488	8.580	-	-	8.580	-	0.016	-	-	-	2.075
Danbury	120 Clapboard Ridge Road	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	184 Great Plain Road	Danbury Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Amber Room	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Business Aircraft Center, Inc.	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Chucks Steak House	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Dairy & Energy Stop	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Elans of Connecticut	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Federal Road Sunoco	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Kentucky Fried Chicken of Danbury, Inc.	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Pappadella's Restaurant	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Richter Park Golf Course	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Subway	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Subway (Mill Plain Road)	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Taormina Restaurant	Danbury Water Department	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	United Methodist Church of Danbury	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Widow Browns Cafe	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Windmill Diner	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Wooster Mountain Gun Club	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	8 Mill Plain Road	Danbury Water Department	NTNC	59	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Boa Plaza	Danbury Water Department	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Cedar Gables Preschool L.L.C.	Danbury Water Department	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Kinder Care Learning Center	Danbury Water Department	NTNC	113	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Little Rascals Nursery School	Danbury Water Department	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Darien	Aquarion Water Co of CT-Noroton System	AWC	C-Large	20772	1.591	1.050	2.641	0.169	2.809	-	2.809	0.350	-	-	0.350	-	0.010	2.470	-	0.055	-
Derby	Aquarion Water Co of CT-East Derby	SCCRWA	C-Large	1218	0.091	0.038	0.130	0.014	0.144	-	0.144	-	0.150	-	0.150	-	-	-	-	0.144	0.006
Derby	SCCRWA	SCCRWA	C-Large	14321	0.745	0.462	1.206	0.134	1.340	0.144	1.196	0.500	-	0.150	0.350	0.846	-	-	-	-	(0.000)
Derby	Krauszers	SCCRWA	NC	48	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Aquarion Water Co of CT-Main System	AWC	C-Large	3308	0.265	0.007	0.272	0.042	0.315	-	0.315	14.110	-	-	14.110	-	3.972	-	-	-	9.823
Easton	Connecticut Golf Club	AWC	NC	25	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Easton Racquet Club	AWC	NC	25	-	0.000	0.000	0.077	0.077	-	0.077	-	-	-	-	-	-	-	-	-	-
Easton	Easton Village Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Greiser General Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Lion Hill Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Olde Blue Bird Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Easton	Silverman's Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	St. Dimitrie Romanian Orthodox Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Christ Church	AWC	NTNC	57	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Congregational Church of Easton	AWC	NTNC	58	-	0.000	0.000	0.083	0.083	-	0.083	-	-	-	-	-	-	-	-	-	-
Fairfield	Aquarion Water Co of CT-Main System	AWC	C-Large	50139	4.262	1.398	5.660	0.883	6.543	-	6.543	41.650	-	-	41.650	-	32.275	-	-	-	2.832
Goshen	Aquarion Water Co of CT-Tlwc	Town of Goshen	C	147	0.004	-	0.004	0.001	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.017
Goshen	Village Market Place	Town of Goshen	C	25	0.002	0.007	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.001
Goshen	Aquarion Water Co of CT-Litchfield Sys	Town of Goshen	C-Large	18	0.001	-	0.001	0.000	0.001	-	0.001	0.089	-	-	0.089	-	0.067	-	-	-	0.021
Goshen	Ajs Steak & Pizza Restaurant	Town of Goshen	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Camp Cochipianee	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Christ/The Childrens Place	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Latter Day Saints, Goshen	Town of Goshen	NC	137	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Edmund D. Strang Scout Reservation	Town of Goshen	NC	300	-	0.011	0.011	0.001	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Volunteer Fire Dept	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Hemlock Hill Cooperative Camp Resort Inc	Town of Goshen	NC	190	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Goshen	Mohawk Mountain S.F./Handpump	Town of Goshen	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Nodines Smokehouse	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Plaza At 61 Sharon Turnpike	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	St. Thomas of Villanova Church	Town of Goshen	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Valley In The Pines Campground, LLC	Town of Goshen	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Woodridge Lake Association	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Center School/Town Bldgs	Town of Goshen	NTNC	205	-	0.004	0.004	0.010	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Goshen	Torrington Country Club	Town of Goshen	NTNC	280	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Greenwich	Brunswick Middle School	AWC	C	567	0.004	-	0.004	-	0.004	-	0.004	0.015	-	-	0.015	-	-	-	-	-	0.011
Greenwich	Aquarion Water Co of CT-Greenwich System	AWC	C-Large	57428	4.398	6.504	10.902	2.557	13.459	4.128	9.331	15.200	-	5.000	10.200	-	-	-	-	-	0.869
Greenwich	Camp Simmons - Well #1	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	Camp Simmons - Well #2	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	E.T. Seton Boy Scout Camp - Dorms	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Greenwich	E.T. Seton Boy Scout Camp - Main Bldg	AWC	NC	25	-	0.001	0.001	0.060	0.061	-	0.061	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Concession)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Maintenance)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	National Audubon Society (Main Building)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	North Greenwich Congregational Church	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Store/Service Station	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Agnes Church	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Barnabas Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Timothy Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Congregational Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Fairview Country Club	AWC	NTNC	435	-	0.013	0.013	-	0.013	-	0.013	-	-	-	-	-	-	-	-	-	-
Greenwich	First Church of Round Hill	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Greenwich American Center	AWC	NTNC	800	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Greenwich	Harvest Time Assembly of God	AWC	NTNC	119	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	High Tower Trading LLC	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Parkway School	AWC	NTNC	514	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Community Church	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Club	AWC	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Sutton Land, LLC	AWC	NTNC	150	-	0.003	0.003	0.000	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Greenwich	Tamarack Country Club	AWC	NTNC	130	-	0.002	0.002	0.010	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Greenwich	The Stanwich School	AWC	NTNC	150	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Whitby School	AWC	NTNC	350	-	0.004	0.004	0.005	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Hartland	6 Hartland Boulevard	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 1	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 2	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Hartland Elem Sch & Town Bldgs	ESA Unassigned	NTNC	300	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Harwinton	Garden Lane Apartments	Torrington Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.017	-	-	0.017	-	-	-	-	-	0.014
Harwinton	Torrington Water Company	Torrington Water Company	C-Large	3500	0.161	0.051	0.212	0.011	0.224	-	0.224	-	-	-	-	0.485	0.261	-	-	-	-
Harwinton	207 Birge Park Road - Harwinton	Torrington Water Company	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Dr. David L. French	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Fairview Farms Golf Course & Restaurant	Torrington Water Company	NC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Harwinton	Founders Congregational Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Harwinton Rod & Gun	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Immaculate Heart of Mary	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	283 Litchfield Rd, LLC	Torrington Water Company	NTNC	74	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Birge Park Commons	Torrington Water Company	NTNC	51	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Aquarion Water Co of CT-Kent System	AWC	C	620	0.051	0.020	0.071	0.010	0.081	-	0.081	0.386	-	-	0.386	-	-	-	-	-	0.305
Kent	Brookwoods II	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.026	-	-	0.026	-	-	-	-	-	0.017
Kent	Kent School (Maintenance Well)	ESA Unassigned	C	30	0.002	-	0.002	-	0.002	-	0.002	0.027	-	-	0.027	-	-	-	-	-	0.025
Kent	Kent School Corp (Valley Campus)	ESA Unassigned	C	722	0.054	-	0.054	-	0.054	-	0.054	0.195	-	-	0.195	-	-	-	-	-	0.141
Kent	South Kent School	ESA Unassigned	C	228	0.017	-	0.017	-	0.017	-	0.017	0.037	-	-	0.037	-	-	-	-	-	0.020
Kent	The Marvelwood School	ESA Unassigned	C	220	0.017	-	0.017	-	0.017	-	0.017	0.017	-	-	0.017	-	-	-	-	-	-
Kent	Bulls Bridge Country Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Bulls Bridge Inn	ESA Unassigned	NC	29	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Club Getaway	ESA Unassigned	NC	26	-	0.000	0.000	0.603	0.603	-	0.603	-	-	-	-	-	-	-	-	-	-
Kent	Eric Sloane Museum	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	High Watch Farm	ESA Unassigned	NC	86	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Kenmont & Kenwood Camps	ESA Unassigned	NC	825	-	0.029	0.029	-	0.029	-	0.029	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls Brewing Company	ESA Unassigned	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls State Park	ESA Unassigned	NC	573	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Hockey Rink	ESA Unassigned	NC	108	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Campground Well	ESA Unassigned	NC	300	-	0.011	0.011	-	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Day Use Well	ESA Unassigned	NC	300	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Shop Well	ESA Unassigned	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./ Maintenance	ESA Unassigned	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./Camp Site #30	ESA Unassigned	NC	287	-	0.010	0.010	-	0.010	-	0.010	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Day Care	ESA Unassigned	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Village	AWC	C	96	0.007	-	0.007	-	0.007	-	0.007	0.008	-	-	0.008	-	-	-	-	-	0.001
Litchfield	Fernwood Rest Home	AWC	C	107	0.003	-	0.003	-	0.003	-	0.003	0.028	-	-	0.028	-	-	-	-	-	0.025
Litchfield	Touchstone N.A.F.I.	ESA Unassigned	C	43	0.003	-	0.003	-	0.003	-	0.003	0.011	-	-	0.011	-	-	-	-	-	0.008
Litchfield	Breezy Knoll Association	AWC	C	13	0.000	-	0.000	-	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Litchfield	Aquarion Water Co of CT-Litchfield Sys	AWC	C-Large	2203	0.132	0.124	0.256	0.019	0.275	-	0.275	0.077	-	-	0.077	0.198	-	-	-	-	-
Litchfield	Torrington Water Company	ESA Unassigned	C-Large	156	0.007	-	0.007	0.000	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Litchfield	491 Bantam Road	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	920 Bantam Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Cinema	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 2	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 3	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Da Capo Restaurant (formerly The Main Course Restaurant)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Gooseboro Drive-In	AWC	NC	25	-	0.000	0.000	0.002	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Lourdes of Litchfield(Upper&Lower)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Mockingbird Kitchen & Bar	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Northfield Bible Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Northland Properties, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Litchfield	Peaches N Cream	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Saint Pauls Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Stonybrook Golf Club	AWC	NC	32	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Toll Gate Hill Inn & Restaurant	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Topsmead State Park/Chase House	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	West Shore Seafood LLC	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Campground	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Conf. Ctr & Museum	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Wisdom House	ESA Unassigned	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Woods Pit Bbq And Mexican	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Litchfield Montessori School	ESA Unassigned	NTNC	120	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Aquarion Water Co of CT - West Shore	AWC	C	44	0.001	-	0.001	0.000	0.001	-	0.001	0.001	-	-	0.001	-	0.000	-	-	-	0.000
Middlebury	CTWC - Naugatuck Reg - Hillcrest	CTWC	C	120	0.004	-	0.004	-	0.004	-	0.004	-	0.030	-	0.030	-	-	-	-	0.004	0.026
Middlebury	Middlebury Commons	CTWC	C	76	0.006	-	0.006	-	0.006	-	0.006	0.027	-	-	0.027	-	-	-	-	-	0.021
Middlebury	Westover Water Co	CTWC	C	510	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.004
Middlebury	CTWC - Naugatuck Region-Central System	CTWC	C-Large	1,900	0.103	0.063	0.166	0.025	0.190	-	0.190	-	-	0.500	(0.500)	0.190	-	-	-	-	(0.500)
Middlebury	Heritage Water Company	CTWC	C-Large	1,859	0.109	0.099	0.207	0.021	0.228	-	0.228	-	0.500	-	0.500	0.520	0.292	-	-	-	0.500
Middlebury	Highfield, Inc.	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (First Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (West Lawn Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Lake Quassapaug Outing Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Maples Restaurant	CTWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Mobil	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Recreation Park	CTWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassapaug Sailing Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Amusement Park	CTWC	NC	325	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Field	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Sandy Beach Swim Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Elementary School	CTWC	NTNC	412	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Hamlet	CTWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Village Square	CTWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	27 Maple Drive	AWC	C	38	0.003	-	0.003	-	0.003	-	0.003	0.003	-	-	0.003	-	-	-	-	-	0.000
Monroe	Aquarion Water Co of CT-Main System	AWC	C-Large	13232	0.859	0.219	1.078	0.168	1.246	-	1.246	-	-	-	-	1.265	0.018	-	-	-	(0.000)
Monroe	179 Main Street - Monroe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	181 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	241 Roosevelt Drive	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	500 Purdy Hill Road	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	588 Monroe Tnpk - Ddh Associates, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	American Pie	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Beacon Hill Evangelical Free Church	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Crescent Village	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Duchess of Monroe	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Dunkin Donuts	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Lake Zoar Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Amoco (G & M Auto)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Food Mart	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Little League Beardsley Fields	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Route 34 Plaza - Monroe	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	The Smithy Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	The Waterview	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Our Lady of The Rosary Chapel	AWC	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Breezy Knoll Association	Town of Morris	C	87	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	0.000	-	-	-	0.024
Morris	Eldridge Elderly Housing	Town of Morris	C	40	0.003	-	0.003	-	0.003	-	0.003	0.005	-	-	0.005	-	-	-	-	-	0.002
Morris	5 Watertown Road (Rt 63) - Morris	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Buddha Ariyamett Aram Temple	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Camp Washington, Inc.	Town of Morris	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	East Morris Xtra Mart/Citgo Gas Station	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Ebner Camps, Inc. (Awosting)	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Giovannis Morris Pizza & Restaurant	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Community Hall And Library	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Field And Community Pavilion	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Popeys Ice Cream Shoppe/Ripe Tomato	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn -Cottage System	Town of Morris	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Integrated Illumination Systems	Town of Morris	NTNC	115	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	James Morris School	Town of Morris	NTNC	258	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	White Flower Farm	Town of Morris	NTNC	95	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn - Main System	Town of Morris	NTNC	55	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Naugatuck	Idleview Mobile Home Park	CTWC	C	138	0.004	-	0.004	-	0.004	-	0.004	0.005	-	-	0.005	-	-	-	-	-	0.001
Naugatuck	CTWC - Naugatuck Region-Central System	CTWC	C-Large	26,268	1.418	0.345	1.763	0.264	2.027	-	2.027	3.960	-	-	3.960	-	0.296	-	-	-	1.637
Naugatuck	982 Rubber Avenue	CTWC	NTNC	90	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Canaan	Aquarion Water Co of CT-New Canaan Sys	AWC	C-Large	10678	0.818	0.631	1.448	0.362	1.810	-	1.810	0.192	-	-	0.192	-	-	5.306	4.012	-	(0.324)
New Canaan	Norwalk First Taxing District	AWC	C-Large	83	0.006	0.005	0.011	0.002	0.012	-	0.012	4.000	-	-	4.000	-	0.004	-	-	-	3.984
New Canaan	Country Club of New Canaan (Halfway)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Grace Community Church	AWC	NC	165	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Country Club of New Canaan (Main Well)	AWC	NTNC	190	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes Foundation - Art Building	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Canaan	St Lukes School	AWC	NTNC	405	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes School Athletic Center	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
New Fairfield	Aquarion Water Co of CT - Dunham Pond	AWC	C	251	0.007	0.023	0.030	0.003	0.033	-	0.033	0.043	-	-	0.043	-	-	-	-	-	0.010
New Fairfield	Aquarion Water Co of CT-Ball Pond Sys	AWC	C	750	0.045	0.003	0.048	0.005	0.052	-	0.052	0.071	-	-	0.071	-	-	-	-	-	0.019
New Fairfield	Aquarion Water Co of CT-Fieldstone Ridge	AWC	C	84	0.005	-	0.005	0.001	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.014
New Fairfield	Aquarion Water Co of CT-Oakwood Acres	AWC	C	284	0.014	0.002	0.016	0.003	0.019	-	0.019	0.029	-	-	0.029	-	-	-	-	-	0.011
New Fairfield	Aquarion Water Co of CT-Owsc Birches	AWC	C	375	0.016	0.004	0.020	0.003	0.023	-	0.023	0.039	-	-	0.039	-	-	-	-	-	0.016
New Fairfield	Aquarion Water Co of CT-Owsc Possum Rdge	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000	-
New Fairfield	Candlewood Knolls Water Authority	AWC	C	524	0.039	-	0.039	-	0.039	-	0.039	0.043	-	-	0.043	-	-	-	-	-	0.004
New Fairfield	Interlaken Water Company	AWC	C	64	0.005	-	0.005	-	0.005	-	0.005	0.022	-	-	0.022	-	-	-	-	-	0.017
New Fairfield	Knollcrest Tax District	AWC	C	356	0.027	-	0.027	-	0.027	-	0.027	0.047	-	-	0.047	-	-	-	-	-	0.020
New Fairfield	Aquarion Water Co of CT-Timber Trails	AWC	C	51	0.002	-	0.002	0.001	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
New Fairfield	249 Route 39	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	25 Old Route 37	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	4 Cotton Tail Road	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Candlewood Isle Club House	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Commons	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Plaza	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood - Lh	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Icons Sports Bar & Grill (Formerly 80 Route 39)	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Mobil Snack Shop	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Schools Concession Stand	AWC	NC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Candlewood Lake	AWC	NC	333	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Main Well	AWC	NC	200	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	St. Edward Rc Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	74 Route 37, LLC	New Fairfield WPCA	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Fairfield	Consolidated & Meeting House Hill School	AWC	NTNC	1425	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fairwood Professional Building	New Fairfield WPCA	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Heritage Plaza	New Fairfield WPCA	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield High/Middle School	AWC	NTNC	1791	-	0.032	0.032	0.002	0.034	-	0.034	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield WPCA	New Fairfield WPCA	NTNC	275	-	0.006	0.006	0.000	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Hartford	Little Brook Rd Property Owners Assn	New Hartford WPCA	C	64	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
New Hartford	West Hill Lake Water Assoc.	New Hartford WPCA	C	312	0.005	-	0.005	-	0.005	-	0.005	0.035	-	-	0.035	-	-	-	-	-	0.030
New Hartford	New Hartford Water Department	New Hartford WPCA	C-Large	1624	0.088	0.038	0.126	0.009	0.135	-	0.135	0.378	-	-	0.378	-	-	-	-	-	0.243
New Hartford	Torrington Water Company	Torrington Water Company	C-Large	80	0.004	-	0.004	0.000	0.004	-	0.004	-	-	-	-	0.489	0.485	-	-	-	-
New Hartford	1165 Litchfield Turnpike	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	97-107 Main Street - New Hartford	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Alcove Motel	New Hartford WPCA	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Hartford	Bershire Hall At Brodie Park	New Hartford WPCA	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Friendship - Well #3)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Loomis - Well #2)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (North-Well #5)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Ranger - Well #1)	New Hartford WPCA	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (South - Well #4)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Bailey	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Campsite	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Dining Hall	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Ski Sundown, Inc.	New Hartford WPCA	NC	600	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
New Hartford	Town of New Hartford - Brown's Corner	New Hartford WPCA	NC	200	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Trinita	New Hartford WPCA	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	West Hill Beach Club, Inc.	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Antolini Elementary School	New Hartford WPCA	NTNC	385	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Bakerville Consolidated School	New Hartford WPCA	NTNC	177	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Hartford	Foothills Shopping Plaza	New Hartford WPCA	NTNC	60	-	0.001	0.001	0.077	0.078	-	0.078	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Carmen Hill	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Dean Heights Sys	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Forest Hills Sys	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Meadowbrook	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Park Glen System	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Pleasant View	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Twin Oaks System	AWC	C	149	0.006	-	0.006	0.001	0.007	-	0.007	0.017	-	-	0.017	-	-	-	-	-	0.010
New Milford	Birch Groves Association, Inc	AWC	C	300	0.011	-	0.011	-	0.011	-	0.011	0.050	-	-	0.050	-	-	-	-	-	0.039
New Milford	Candle Hill Mobile Home Park	AWC	C	233	0.017	-	0.017	-	0.017	-	0.017	0.030	-	-	0.030	-	-	-	-	-	0.013
New Milford	Candlewood Springs Property Owners Assn	AWC	C	148	0.011	-	0.011	-	0.011	-	0.011	0.019	-	-	0.019	-	-	-	-	-	0.008
New Milford	Candlewood Trails Association, Inc.	AWC	C	312	0.015	-	0.015	-	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
New Milford	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
New Milford	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
New Milford	Litchfield Hill Condos	AWC	C	126	0.001	-	0.001	-	0.001	-	0.001	0.030	-	-	0.030	-	-	-	-	-	0.029
New Milford	Old Farms Condominium Association Inc	AWC	C	285	0.021	-	0.021	0.006	0.027	-	0.027	0.066	-	-	0.066	-	-	-	-	-	0.039
New Milford	Sunny Valley Tax District	AWC	C	500	0.038	-	0.038	-	0.038	-	0.038	0.050	-	-	0.050	-	-	-	-	-	0.013
New Milford	Aquarion Water Co of CT-New Milford	AWC	C-Large	8775	0.404	0.621	1.025	0.160	1.185	-	1.185	3.078	-	-	3.078	-	0.003	-	-	-	1.890
New Milford	358 Danbury Road	AWC	NC	66	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	471 And 475 Danbury Road - New Milford	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Alfredos Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Milford	Bible Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Bridges Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Bucks Rock Camp	AWC	NC	450	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-
New Milford	Bulls Bridge Golf Club	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Candlewood Valley Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Plaza	AWC	NC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Harrybrooke Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Jehovahs Witnesses	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Kent Rd Shopping Center	AWC	NC	25	-	0.001	0.001	0.029	0.030	-	0.030	-	-	-	-	-	-	-	-	-	-
New Milford	Lynn Deming Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	North Country Inn & Restaurant	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Northville Market, Inc.	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Red Carpet Motel	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Motel	AWC	NC	27	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Temple Sholom	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Thai Charm Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Green Spot	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Old Oak Tavern	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Trinity Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Upper Crust Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Commons	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	New Milford Town Garage	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Business & Professional Ctr	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Sunny View Childcare & School	AWC	NTNC	88	-	0.001	0.001	0.105	0.106	-	0.106	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Chestnut Tree	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Owsc	AWC	C	531	0.019	0.001	0.020	0.003	0.022	-	0.022	0.038	-	-	0.038	-	-	-	-	-	0.015
Newtown	Cedarhurst Association	AWC	C	72	0.001	-	0.001	-	0.001	-	0.001	0.014	-	-	0.014	-	-	-	-	-	0.013
Newtown	Masonicare of Newtown	AWC	C	504	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.006
Newtown	Meadowbrook Terrace Mobile Home Park	AWC	C	158	0.012	-	0.012	-	0.012	-	0.012	0.019	-	-	0.019	-	-	-	-	-	0.008
Newtown	Aquarion Water Co of CT-Main System	AWC	C-Large	231	0.016	-	0.016	0.002	0.018	-	0.018	-	-	-	-	0.018	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Newtown System	AWC	C-Large	7548	0.349	1.124	1.473	0.091	1.564	-	1.564	1.143	-	-	1.143	-	-	-	0.059	-	(0.480)
Newtown	Fairfield Hills	AWC	C-Large	933	0.146	0.069	0.215	0.019	0.234	-	0.234	0.666	-	-	0.666	-	-	-	-	-	0.433
Newtown	1 Dodgingtown Road	AWC	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	100 Church Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	130 Mt Pleasant Tavern, LLC (McGuires)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	133 Mt Pleasant Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	144 Sugar Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	160 South Main Street - Newtown	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	316 South Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	4 Riverside Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Botsford Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Burrito Shack	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Cheesebread Factory	AWC	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Christ The King Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Church of Latter Day Saints, Dnbry/Nwtn	AWC	NC	373	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Congregation Adath Israel-115Huntingtown	AWC	NC	202	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dickinson Memorial Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dodgington Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Friendly Service Station (Citgo)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Grace Christian Fellowship	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Development, LLC.	AWC	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Hilarios Variety Store (Citgo)	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Kings Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Lorenzos Restaurant	AWC	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Mistyvale Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Rock Ridge Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Sandy Hook Diner	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	St. Johns Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Sugar Hill, LLC	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Treadwell Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Vibe Cafe LLC	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	7 Berkshire Road - Newtown	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Newtown	Curtis Packaging	AWC	NTNC	180	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Eversource - Newtown Area Work Center	AWC	NTNC	145	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Head O Meadow Elementary School	AWC	NTNC	506	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School - White	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School Ecc-Red	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Rocky Glen Mill	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Tangoe, Inc	AWC	NTNC	123	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Norfolk	Aquarion Water Co of CT-Norfolk System	AWC	C	837	0.046	0.016	0.062	0.011	0.073	-	0.073	0.730	-	-	0.730	-	-	-	-	-	0.657
Norfolk	Blackberry River Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
North Canaan	Aquarion Water Co of CT-North Canaan Sys	AWC	C-Large	1495	0.076	0.144	0.220	0.024	0.245	-	0.245	0.610	-	-	0.610	-	-	-	-	-	0.365
North Canaan	Freunds Farm Market & Bakery	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
North Canaan	Lone Oak Campground	AWC	NC	1250	-	0.044	0.044	-	0.044	-	0.044	-	-	-	-	-	-	-	-	-	-
North Canaan	North Canaan Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
North Canaan	Mountain Side Lodge	AWC	NTNC	111	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
North Canaan	Mountainside Treatment Center	AWC	NTNC	80	-	0.002	0.002	0.342	0.344	-	0.344	-	-	-	-	-	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Main System	Norwalk First Taxing District	C-Large	57	0.004	0.002	0.006	0.001	0.006	-	0.006	-	-	-	-	0.006	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Noroton System	South Norwalk Electric & Water	C-Large	126	0.010	-	0.010	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Norwalk	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	45891	3.075	2.602	5.677	0.946	6.623	-	6.623	3.750	-	-	3.750	2.874	0.001	-	-	-	(0.000)
Norwalk	South Norwalk Electric & Water	South Norwalk Electric & Water	C-Large	44906	2.951	2.205	5.156	-	5.156	0.055	5.101	-	-	-	-	5.156	-	-	-	-	0.055
Norwalk	Temple Shalom	South Norwalk Electric & Water	NTNC	100	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Norwalk	United Congregational Church	South Norwalk Electric & Water	NTNC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT-Hawkstone System	AWC	C	160	0.008	0.001	0.009	0.002	0.011	-	0.011	-	-	-	-	0.011	-	-	-	-	-
Oxford	Heritage Water Company	Heritage Village Water Company	C-Large	2,376	0.139	0.126	0.265	0.027	0.292	0.041	0.251	-	-	0.050	(0.050)	0.292	-	-	-	-	(0.009)
Oxford	Aquarion Water Co of CT-Valley System	AWC	C-Large	730	0.053	0.019	0.072	0.008	0.080	-	0.080	0.890	-	-	0.890	-	-	-	-	-	0.810
Oxford	100 Oxford Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	231 Oxford Road - Oxford	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	403 Quaker Farms Road (formerly Quaker Farms Vol. Fire Dept.)	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Bobby Fritzs Snack Bar LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Colonial Tavern Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Girl Scouts of CT - Camp Anseox	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Jackson Cove	Heritage Village Water Company	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Olde Sawmill Snack Bar	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford United Church of Christ Congreg.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford Usa, LLC.	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Posypanko Park	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Rolando's Restaurant (formerly Cucina Rustica Ristorante, Inc.)	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Star Food Mart - Global Gas Station	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	144 Oxford Road, LLC	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT -Oxford Town Ctr	AWC	NTNC	25	-	0.041	0.041	-	0.041	-	0.041	-	0.050	-	0.050	-	-	-	-	0.041	-
Oxford	Christ Episcopal Church	Heritage Village Water Company	NTNC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Pleasant Valley Shopping Plaza	Heritage Village Water Company	NTNC	89	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Plymouth	CTWC - Naugatuck Reg-Terryville System	CTWC	C-Large	6292	0.340	0.075	0.415	0.031	0.446	-	0.446	0.718	0.600	-	1.318	-	0.002	-	-	-	0.870
Plymouth	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	63	0.003	0.006	0.009	0.001	0.010	-	0.010	-		-	-	0.010	-	-	-	-	-
Plymouth	655 Main Street - Plymouth	CTWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck - Well #3	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Leever Lodge	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Well #1 And #2 System	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	First Congregational Church of Plymouth	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Als Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Tennis Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Jehovahs Witnesses	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Plymouth Village	CTWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Harmony Acres Mobile Home Park	CTWC	C	465	0.035	-	0.035	-	0.035	-	0.035	0.040	-	-	0.040	-	-	-	-	-	0.005
Prospect	CTWC - Naugatuck Region-Central System	CTWC	C-Large	2,200	0.119	0.025	0.144	0.021	0.165	-	0.165	0.320	-	-	0.320	-	-	-	-	-	0.155
Prospect	34 Waterbury Road	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Bethel Baptist Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Crosspointe South	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Highland Greens (Golfcourse Clubhouse)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Kitchen)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Pool)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (U&L Wells)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Jvp Building	CTWC	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Mattatuck V.F.W. Post 8075	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	Prospect Little League Stand	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Senor Panchos	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	The Big Dipper	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	White Oak Financial Services, LLC	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Aquarion Water Co of CT-Main System	AWC	C-Large	704	0.056	0.009	0.065	0.010	0.076	-	0.076	-	-	-	-	0.076	-	-	-	-	-
Redding	109 Black Rock Tnpk	AWC	NC	48	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Long Ridge Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	296 Ethan Allen Highway - Redding	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	3 Sidecut Road	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	58 Redding Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Calvary Independent Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Christ Church Parish	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Ethan Allen Condos, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	New Pond Farm Education Center	AWC	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P./Youth Group Well	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P.-Pavilion System	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Community Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Meditation Society	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Ridge Market	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	St Patricks Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Temple B'nai Chaim	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Topstone Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	First Church of Christ, Congregational	AWC	NTNC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Georgetown Bus. & Prof Condo Assn	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Joel Barlow Regional High School	AWC	NTNC	1020	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Redding	John Read Middle School	AWC	NTNC	430	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Redding	Landmark Academy	AWC	NTNC	261	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Country Club	AWC	NTNC	115	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Elementary School	AWC	NTNC	811	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Barnum System	AWC	C	132	0.012	-	0.012	0.001	0.013	-	0.013	-	-	-	-	-	-	-	-	0.013	(0.013)
Ridgefield	Aquarion Water Co of CT-Craigmoor	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-McKeon System	AWC	C	67	0.006	-	0.006	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Ridgefield	Aquarion Water Co of CT-Ridgefield Knoll	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Scodon	AWC	C	222	0.011	-	0.011	0.002	0.013	-	0.013	0.024	-	-	0.024	-	-	-	-	-	0.010
Ridgefield	Brookview Water Company	AWC	C	55	0.004	-	0.004	-	0.004	-	0.004	0.011	-	-	0.011	-	-	-	-	-	0.007
Ridgefield	Aquarion Water Co of CT-Main System	AWC	C-Large	0	-	0.006	0.006	0.001	0.007	-	0.007	-	-	-	-	0.567	-	-	0.560	-	-
Ridgefield	Aquarion Water Co of CT-Ridgefield Sys	AWC	C-Large	8351	0.716	0.257	0.973	0.111	1.111	-	1.111	0.551	-	-	0.551	-	-	0.560	-	-	-
Ridgefield	59 Ethan Allen Highway	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	590 Danbury Road LLC	AWC	NC	42	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	632 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	659 Danbury Road - Ridgefield	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	871 Ethan Allen Hwy Building	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aldridge Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Lake Windwing	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Martin Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Pro Shop & Rest.)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Public Fountain)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Ice Cream Shop	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Properties	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Elizabeth Seton Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Ignatius Retreat House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	The Golf Performance Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	720 Branchville LLC	AWC	NTNC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	890 Ethan Allen Highway - Ridgefield	AWC	NTNC	138	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Branchville School	AWC	NTNC	488	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Farmingville Elementary School	AWC	NTNC	428	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Nod Hill Brewery	AWC	NTNC	60	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgebury Congregational Church	AWC	NTNC	62	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield European Motors	AWC	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield High And Middle School	AWC	NTNC	2131	-	0.038	0.038	-	0.038	-	0.038	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ullman Devices (Main Building)	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Bernhardt Meadow	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.039	-	-	0.039	-	-	-	-	-	0.036
Roxbury	160 Baker Rd - Roxbury	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Christ Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Market Properties, LLC	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	162 Baker Road	AWC	NTNC	34	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Booth Free School	AWC	NTNC	130	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Chatfield Hill Assn., Inc.	AWC	C	68	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Salisbury	Salisbury School	ESA Unassigned	C	520	0.025	-	0.025	-	0.025	-	0.025	0.050	-	-	0.050	-	-	-	-	-	0.025
Salisbury	Aquarion Water Co of CT-Salisbury Sys	AWC	C-Large	1888	0.132	0.126	0.258	0.046	0.304	-	0.304	0.845	-	-	0.845	-	-	-	-	-	0.541
Salisbury	254 Twin Lakes Road - Salisbury	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Isola Bella Youth Camp	ESA Unassigned	NC	80	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Salisbury	Lime Rock Park, LLC	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Salisbury School - Boat House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Trinity Episcopal Church	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Twin Lakes Beach Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Aquarion Water Co of CT-Hawkstone System	AWC	C	27	0.001	-	0.001	-	0.001	-	0.001	-	0.050	-	0.050	-	0.011	-	-	0.012	0.038
Seymour	SCCRWA	SCCRWA	C-Large	986	0.051	1.024	1.075	0.119	1.195	0.992	0.203	2.500	-	4.050	(1.550)	1.195	-	-	-	-	(0.558)
Seymour	Aquarion Water Co of CT-Valley System	AWC	C-Large	10299	0.744	0.272	1.016	0.113	1.129	-	1.129	-	4.000	-	4.000	-	0.521	-	-	0.980	2.350
Seymour	Seymour Land Trust-Bldg& Athletic Field	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	The Meeting Place Restaurant	SCCRWA	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Seymour	Comcast of Ct/Ga/Ma/Nh/Ny/Nc/Va/Vt, LLC	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Seymour	Great Hill United Methodist Church	AWC	NTNC	85	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Total Sports Academy	SCCRWA	NTNC	75	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Sharon Ridge Apartments	ESA Unassigned	C	62	0.005	-	0.005	-	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.015
Sharon	Sharon Water & Sewer Commission	Sharon Water Department	C	803	0.056	0.086	0.142	-	0.142	-	0.142	0.205	-	-	0.205	-	-	-	-	-	0.063
Sharon	607 Cornwall Bridge Road	ESA Unassigned	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Main System	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Riverside	ESA Unassigned	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	National Audubon Society	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #1	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #2	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Trinity Glen-McCa	ESA Unassigned	NC	50	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Shelton	Aquarion Water Co of CT-Main System	AWC	C-Large	34260	2.398	0.673	3.072	0.479	3.551	-	3.551	10.000	-	-	10.000	-	6.498	-	-	-	(0.049)
Shelton	Harvest Kitchen Pantry-Jones Family Farm	AWC	NC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Shelton	Huntington Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Shelton	Indian Well S.P./South Well	AWC	NC	367	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Aquarion Water Co of CT-Timber Trails	AWC	C	282	0.012	0.000	0.013	0.001	0.014	-	0.014	0.033	-	-	0.033	-	0.003	-	-	-	0.016
Sherman	American Pie Company	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Sherman	Club River Oaks	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Holy Trinity Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Mallory Town Hall	AWC	NC	112	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Park & Beach Pavilion	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Volunteer Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Elementary School	AWC	NTNC	430	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #2	AWC	NTNC	79	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Aquarion Water Co of CT-Lakeside System	Heritage Village Water Company	C	486	0.020	-	0.020	0.005	0.025	-	0.025	0.144	-	-	0.144	-	-	-	-	-	0.119
Southbury	Oakdale Manor Water Association	Heritage Village Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	-	-	-	-	0.024
Southbury	Heritage Water Company	Heritage Village Water Company	C-Large	6,945	0.407	0.368	0.775	0.078	0.853	-	0.853	2.040	-	-	2.040	-	0.520	-	-	-	0.667
Southbury	Southbury Training School	State Agency Existing Service Area	C-Large	300	0.102	-	0.102	-	0.102	-	0.102	0.324	-	-	0.324	-	-	-	-	-	0.222
Southbury	1500-1514 Southford Road	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Christ The Savior Orthodox Church	Heritage Village Water Company	NC	150	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Epiphany	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Latter Day Saints, Southbury	Heritage Village Water Company	NC	121	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Hine Bros Inc.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Beach Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Campground Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Mirandas Pizza & Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Congregational Church	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Country Store	Heritage Village Water Company	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Corner, LLC	Heritage Village Water Company	NC	47	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Splash Car Wash	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Subway of Southbury Ct	Heritage Village Water Company	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	First Steps Day Care & Learning Center	Heritage Village Water Company	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Great Expectations Day Care & Annex	Heritage Village Water Company	NTNC	125	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Center	Heritage Village Water Company	NTNC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Retail Center	Heritage Village Water Company	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	The Romatic Manufacturing Company	Heritage Village Water Company	NTNC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Stamford	Aquarion Water Co of CT-Stamford	AWC	C-Large	122150	9.354	6.100	15.454	1.717	17.171	-	17.171	15.629	-	-	15.629	-	-	1.542	-	-	-
Stamford	Bartlett Arboretum Assoc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Chimney Corners Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Dorothy Heroy Recreation Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	High Ridge United Methodist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Lakeside Diner & Mall	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Long Ridge Swim & Tennis Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Madonia Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Camp Playland	AWC	NTNC	77	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Church of Christ The Healer	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Rockrimmon Country Club	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	St Francis Church	AWC	NTNC	70	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stratford	Aquarion Water Co of CT-Main System	AWC	C-Large	51474	3.088	1.439	4.527	0.707	5.233	-	5.233	-	-	-	-	5.233	-	-	-	-	-
Thomaston	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	4028	0.205	0.147	0.352	0.039	0.391	-	0.391	0.609	0.650	0.600	0.659	-	0.010	-	-	-	0.258
Thomaston	City Limits	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Eagle Rock Cong. Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Beach Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Upper Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Dam Vista Picnic Area	CTWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Lanes Inc.	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Thomaston	Metallon Inc	CTWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Aquarion Water Co of CT-Litchfield Sys	Torrington Water Company	C-Large	54	0.003	-	0.003	0.000	0.003	-	0.003	-	0.400	-	0.400	0.067	0.198	-	-	0.131	0.265
Torrington	Torrington Water Company	Torrington Water Company	C-Large	39890	1.835	0.568	2.403	0.127	2.530	0.131	2.399	5.320	-	0.400	4.920	-	0.496	-	-	-	2.025
Torrington	823 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	861 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Headquarters	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Toilet Building Well	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Cumberland Farms #4590	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Dr. Munroe's Dental Center	Torrington Water Company	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Elks Pond	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Lakeside Motel	Torrington Water Company	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Torrington	Lost Boys Brewery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Advent Christian Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Pizza Palace	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Toyota Dealership	Torrington Water Company	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	United Congregational Church-Torringford	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Wrights Barn	Torrington Water Company	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Uconn - Torrington Campus	Torrington Water Company	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Trumbull	Tashua Village Association, Inc.	AWC	C	35	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Trumbull	Aquarion Water Co of CT-Main System	AWC	C-Large	36355	2.727	0.710	3.436	0.536	3.972	-	3.972	-	-	-	-	3.972	-	-	-	-	-
Warren	Arrow Point Water Co	ESA Unassigned	C	84	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.047
Warren	The Washington Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Hopkins Supply	ESA Unassigned	NTNC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Warren	Warren Congregational Church	ESA Unassigned	NTNC	54	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Warren Elementary School	ESA Unassigned	NTNC	140	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Washington	Aquarion Water Co of CT-Judea Depot	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington	Aquarion Water Co of CT-Judea Main (Green)	AWC	C	284	0.017	0.009	0.026	0.004	0.030	-	0.030	0.060	-	-	0.060	-	-	-	-	-	0.031
Washington	Aquarion Water Co of CT-Quarry Ridge	AWC	C	85	0.003	-	0.003	0.001	0.003	-	0.003	0.010	-	-	0.010	-	-	-	-	-	0.006
Washington	Bee Brook Crossing Condominiums	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.043	-	-	0.043	-	-	-	-	-	0.034
Washington	Dodge Farm	ESA Unassigned	C	42	0.002	-	0.002	-	0.002	-	0.002	0.028	-	-	0.028	-	-	-	-	-	0.027
Washington	Gunnery School	AWC	C	300	0.023	-	0.023	-	0.023	-	0.023	0.050	-	-	0.050	-	-	-	-	-	0.028
Washington	New Preston Water Co	ESA Unassigned	C	139	0.010	-	0.010	-	0.010	-	0.010	0.024	-	-	0.024	-	-	-	-	-	0.013
Washington	Rumsey Hall School	ESA Unassigned	C	398	0.030	-	0.030	-	0.030	-	0.030	0.021	-	-	0.021	-	-	-	-	-	(0.009)
Washington	Devereux Glenholme School - Main Campus	ESA Unassigned	C	245	0.025	-	0.025	-	0.025	-	0.025	0.028	-	-	0.028	-	-	-	-	-	0.004
Washington	Ebner Camps, Inc (Camp Chinqueka)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	287 New Milford Tnpk	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	295 New Milford Turnpike (formerly Chuck Wagon Restaurant)	ESA Unassigned	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	9 Main Street	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Bee Brook Fire House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	G.W. Tavern	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Lake Waramaug Country Club	ESA Unassigned	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Marbledale 151 Corp	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mount Tom State Park	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	St. Andrews Church & Sweet Harmonies Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Washington Golf Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	White Horse Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	John Dorr Nature Lab	ESA Unassigned	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Inn	ESA Unassigned	NTNC	109	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Spa	AWC	NTNC	72	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Shepaug Middle/High School	ESA Unassigned	NTNC	770	-	0.014	0.014	-	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Washington	Washington Montessori School	ESA Unassigned	NTNC	350	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Washington	Washington Primary School	AWC	NTNC	247	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Waterbury	CTWC - Naugatuck Region-Central System	Waterbury Water Department	C-Large	770	0.042	0.002	0.044	0.007	0.050	-	0.050	-	0.300	-	0.300	0.050	-	-	-	-	0.300
Waterbury	Waterbury Water Department	Waterbury Water Department	C-Large	110700	8.900	5.141	14.041	1.915	15.955	1.655	14.300	27.000	-	4.480	22.520	-	-	-	-	-	8.220
Watertown	Watertown Water & Sewer - Westgate	Watertown Water & Sewer	C	450	0.025	-	0.025	-	0.025	-	0.025	-	0.045	-	0.045	-	-	-	-	0.025	0.020
Watertown	Watertown Fire District	Watertown Fire District	C-Large	6,909	0.380	0.110	0.490	0.055	0.545	0.025	0.520	1.340	-	0.045	1.295	-	-	-	-	-	0.775
Watertown	Watertown Water & Sewer Authority	Watertown Water & Sewer	C-Large	13,612	0.749	0.513	1.262	0.063	1.324	-	1.324	-	3.000	-	3.000	-	-	-	-	1.324	1.676
Watertown	1030 Litchfield Road - Watertown	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	720 Thomaston Road	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Camp Mataucha	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Crestbrook Park Pro-Shop/Maintenance	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Sunset Grille	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	VFW Post 5157	ESA Unassigned	NC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Kangaroo Korner Childcare Center	ESA Unassigned	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Water Supply	AWC	C	100	0.008	-	0.008	-	0.008	-	0.008	0.025	-	-	0.025	-	-	-	-	-	0.017
Weston	Aquarion Water Co of CT-Main System	AWC	C-Large	326	0.065	0.001	0.066	0.010	0.077	-	0.077	-	-	-	-	0.077	-	-	-	-	-
Weston	Aspetuck Valley Ctry Club - Pool/Snackbr	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Emmanuel Episcopal Church	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Lodge	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Main	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Aspetuck Valley Country Club-Clubhouse	AWC	NTNC	415	-	0.012	0.012	-	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Weston	Norfield Congregational Church	AWC	NTNC	81	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	St. Francis of Assisi R.C. Church	AWC	NTNC	80	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #1	AWC	NTNC	291	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #2	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Weston	Weston Schools And Municipal Buildings	AWC	NTNC	2600	-	0.047	0.047	-	0.047	-	0.047	-	-	-	-	-	-	-	-	-	-
Weston	Weston Shopping Center Associates, LLC	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Westport	Aquarion Water Co of CT-Main System	AWC	C-Large	27628	3.315	0.904	4.219	0.658	4.877	-	4.877	6.370	-	-	6.370	5.256	6.749	-	-	-	-
Westport	Norwalk First Taxing District	ESA Unassigned	C-Large	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Wilton	Aquarion Water Co of CT-Main System	AWC	C-Large	3264	0.295	0.325	0.620	0.097	0.717	-	0.717	-	-	-	-	6.666	0.643	-	5.306	-	-
Wilton	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	45	0.003	-	0.003	0.001	0.004	-	0.004	-	-	-	-	0.004	-	-	-	-	-
Wilton	South Norwalk Electric & Water	AWC	C-Large	672	0.044	-	0.044	-	0.044	-	0.044	5.500	-	-	5.500	-	5.156	-	-	-	0.300
Wilton	644 Danbury Road	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	673 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	713 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	951 Danbury Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Cannondale Railroad Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Four Seasons Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Merwin Meadows Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club - Paddle Hut (Well 2)	AWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club, Inc	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Wilton Riding Club, Inc	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Weir Farm National Historic Site	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Wilton Train Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Woodcock Nature Center Inc	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	463 Danbury Road - Wilton	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Childrens Day School of Wilton	AWC	NTNC	96	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Rolling Hills Country Club	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wilton	The Grumman Hill Montessori Association	AWC	NTNC	259	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Winchester	Winsted Water Works	Winsted Water Works	C-Large	8777	1.060	0.258	1.318	0.233	1.550	-	1.550	2.980	-	-	2.980	-	-	-	-	-	1.430

Table B-5: Western PWSMA - 20-Year (2030) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2030 Residential Demand	2030 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2030 Total ADD	Water Sold to Other Utility	2030 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Winchester	Coplex Sports Domain	Winsted Water Works	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Crystal Peak	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Green Woods Country Club	Winsted Water Works	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Greenwood Trails	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	185 Torrington Road - Lanson Drive	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Frontier Long Distance	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	SCCRWA	Wolcott Water Department	C-Large	315	0.016	0.010	0.027	0.003	0.029	-	0.029	-	-	-	-	0.029	-	-	-	-	-
Wolcott	Aquarion Water Co of CT-Tlwc Clearview	Wolcott Water Department	C	225	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	-	-	-	0.008	-
Wolcott	Aquarion Water Co of CT-Tlwc Woodrich	Wolcott Water Department	C	78	0.002	-	0.002	0.000	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Wolcott	Arrowhead By The Lake Association, Inc.	Wolcott Water Department	C	288	0.022	-	0.022	-	0.022	-	0.022	0.050	-	-	0.050	-	-	-	-	-	0.028
Wolcott	Countryside Apartments	Wolcott Water Department	C	218	0.016	-	0.016	-	0.016	0.008	0.009	0.033	-	0.008	0.025	-	-	-	-	-	0.017
Wolcott	Lake Hills Village Condominiums	Wolcott Water Department	C	102	0.008	-	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.003
Wolcott	Wolcott Water Department	Wolcott Water Department	C-Large	4199	0.232	0.046	0.278	0.049	0.327	-	0.327	-	0.500	-	0.500	-	-	-	-	0.327	0.173
Wolcott	1189 Wolcott Road	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	1273 Wolcott Road (Wolcott Inn & Suites)	Wolcott Water Department	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	2 North Street	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	584-586 Wolcott Road	Wolcott Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	All Saints Episcopal Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	American Legion Post 165	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Farmingbury Golf Course	Wolcott Water Department	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	J & M Pizza	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Krystal Gardens	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Mahans Lakeview Fine Catering LLC	Wolcott Water Department	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Nutmeg Farms CT LLC	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Peterson Park	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Plaza At 382-390 Wolcott Road- Back Well	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rietdyke Senior Center	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rockstar Lounge	Wolcott Water Department	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Maria Goretti Catholic Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Pius X Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Activity And Learning Center	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Baseball Association	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Congregational Church	Wolcott Water Department	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Land Owners Protective Assn. Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Lanes, Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Public Library	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Sports Complex	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Town Hall	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott VFW Post 1979	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Woodtick Recreational Stand	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	421 Wolcott Road, LLC	Wolcott Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	464 Wolcott Road	Wolcott Water Department	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Alcott School	Wolcott Water Department	NTNC	638	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Childrens Village - Boundline	Wolcott Water Department	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	Frisbie School	Wolcott Water Department	NTNC	446	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Wolcott	Nucap	Wolcott Water Department	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Wolcott	Tyrrell School	Wolcott Water Department	NTNC	454	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Police Dept	Wolcott Water Department	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Aquarion Water Co of CT - West Shore	AWC	C	9	0.000	-	0.000	0.000	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Woodbury	Heritage Hill Condominium Assn, Inc	AWC	C	120	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Woodbury	Holly House Apartments	AWC	C	75	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Woodbury	Quassuk Heights Condominium Assn	AWC	C	108	0.008	-	0.008	-	0.008	-	0.008	0.009	-	-	0.009	-	-	-	-	-	0.001
Woodbury	Town In Country Condominiums - Lower Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Woodbury	Town In Country Condominiums - Upper Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.008
Woodbury	Woodbury Knoll, LLC.	AWC	C	258	0.019	-	0.019	-	0.019	-	0.019	0.022	-	-	0.022	-	-	-	-	-	0.003
Woodbury	Woodbury Place Condominium Assn	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
Woodbury	Woodlake Tax District	AWC	C	914	0.043	0.005	0.048	-	0.048	-	0.048	0.140	-	-	0.140	-	-	-	-	-	0.092
Woodbury	Aquarion Water Co of CT-Woodbury System	AWC	C-Large	1247	0.066	0.068	0.134	0.009	0.143	-	0.143	0.270	-	-	0.270	-	-	-	-	-	0.127
Woodbury	1633 Main Street - Woodbury	Watertown Fire District	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	308 Sherman Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Dairy Delite & Johns Cafe	AWC	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 1	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 2	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Premier Care of Woodbury	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area Rod Taylor Tubing Area	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	670 Main Street North - Woodbury	AWC	NTNC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Early Learning Center of Woodbury	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Nonnewaug High School	AWC	NTNC	887	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Ansonia	SCCRWA	SCCRWA	C-Large	22485	1.169	0.681	1.850	0.206	2.056	-	2.056	-	-	-	-	4.558	2.502	-	-	-	(0.000)
Barkhamsted	Foxridge Apartments-Well 1	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Foxridge Apartments-Well 2	ESA Unassigned	C	25	0.001	-	0.001	-	0.001	-	0.001	0.027	-	-	0.027	-	-	-	-	-	0.026
Barkhamsted	Rocktree Apartments	ESA Unassigned	C	60	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Barkhamsted	Wallens Hill Apartments	ESA Unassigned	C	50	0.004	-	0.004	-	0.004	-	0.004	0.010	-	-	0.010	-	-	-	-	-	0.006
Barkhamsted	American Legion Sf / Austin F. Hawes	ESA Unassigned	NC	42	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Brass Horse Cafe & Motel	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Log House Restaurant Inc.	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #1	Winsted Water Works	NC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Mallory Brook Plaza - Well #2	Winsted Water Works	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough - East Beach	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Lake McDonough-Patrol Headquarters	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Peoples S.F./Main Picnic Area	ESA Unassigned	NC	26	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley Drive-In	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley General Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Pleasant Valley United Methodist Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Riverton General Store	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sweet Peas Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #1	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Village of Boulder Ridge- Well #2	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	White Pines Campsite	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Barkhamsted Elementary School	ESA Unassigned	NTNC	360	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Lombard Ford	Winsted Water Works	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	MDC - Supply Division Headquarters	ESA Unassigned	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Barkhamsted	Sterling Engineering Corp.	ESA Unassigned	NTNC	110	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Beacon Falls	CTWC - Naugatuck Region-Central System	CTWC	C-Large	900	0.049	-	0.049	0.005	0.054	-	0.054	-	-	-	-	0.054	-	-	-	-	-
Beacon Falls	Aquarion Water Co of CT-Valley System	AWC	C-Large	6010	0.432	0.153	0.585	0.065	0.650	-	0.650	-	-	-	-	0.650	-	-	-	-	-
Bethel	Aquarion Water Co of CT-Berkshire Corp	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bethel	Elmwood Court LLC	Bethel Water Department	C	54	0.004	-	0.004	-	0.004	-	0.004	0.018	-	-	0.018	-	-	-	-	-	0.014
Bethel	Aquarion Water Co of CT-Chimney Heights	AWC	C-Large	2532	0.145	0.144	0.289	0.039	0.329	-	0.329	0.162	0.120	-	0.282	-	0.011	0.058	-	0.120	0.000
Bethel	Bethel Water Dept	Bethel Water Department	C-Large	10216	0.604	0.267	0.871	0.198	1.069	-	1.069	1.360	-	-	1.360	-	-	-	-	-	0.291
Bethel	Danbury Water Department	Bethel Water Department	C-Large	229	0.012	0.002	0.014	0.003	0.016	-	0.016	-	-	-	-	0.016	-	-	-	-	-
Bethel	44 Stony Hill Road	AWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	47 Stony Hill Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	76 Stony Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Bennett Memorial Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	His Vineyard, Inc.	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Meckauer Park	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Meeting House Pub (formerly La Fortuna Restaurant)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Michael's At The Grove (formerly Capellaros Grove)	AWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	New Colony Diner #5	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Old Heidelberg Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Stony Hill Plaza/Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Sunoco, Putnam Park Road	Bethel Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethel	Kindercare Learning Center Inc.	AWC	NTNC	157	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 1	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Mountain Laurel Plaza, Well 2	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethel	Precious Moments	Bethel Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	North Purchase Elderly Housing	AWC	C	72	0.002	-	0.002	-	0.002	-	0.002	0.013	-	-	0.013	-	-	-	-	-	0.011
Bethlehem	Woodhall School, Inc	AWC	C	68	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.048
Bethlehem	151 Main Street, LLC.	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Square	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Town Hall And Library	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Christ Episcopal Church	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Church of The Nativity	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	First Church of Bethlehem	Town of Bethlehem	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Flanders Crossings (formerly Bethlehem Commons)	Town of Bethlehem	NC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Painted Pony Restaurant	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Sunny Ridge Supermarket	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Theos Pizza	Town of Bethlehem	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Day Care	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bethlehem	Bethlehem Elementary School/District 14	AWC	NTNC	406	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Bethlehem	Newport Academy	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	The Wellspring Foundation, Inc.	AWC	NTNC	63	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bethlehem	Wellspring Foundation - Shiloah	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgeport	Aquarion Water Co of CT-Main System	AWC	C-Large	166629	9.165	20.891	30.056	4.691	34.747	-	34.747	-	-	-	-	34.747	-	-	-	-	-
Bridgewater	Aquarion Water Co of CT-New Milford	AWC	C	36	0.002	-	0.002	-	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bridgewater	Bridgewater Commons Condominiums	AWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.037	-	-	0.037	-	-	-	-	-	0.033
Bridgewater	Bridgewater Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Plaza Convenience Store	AWC	NC	262	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bridgewater	Bridgewater Village Store	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	St. Marks Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bridgewater	Burnham School	AWC	NTNC	121	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Bristol	Chippanydale Association	Bristol Water Department	C	52	0.001	-	0.001	-	0.001	-	0.001	0.007	-	-	0.007	-	-	-	-	-	0.006
Bristol	Bristol Water Department	Bristol Water Department	C-Large	67944	4.617	1.731	6.348	0.319	6.667	-	6.667	6.870	0.500	-	7.370	-	0.003	-	-	0.233	0.700

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Bristol	CTWC - Naugatuck Reg-Terryville System	Bristol Water Department	C-Large	42	0.002	-	0.002	0.000	0.002	-	0.002	-	-	-	-	0.002	-	-	-	-	-
Bristol	249 Terryville Road - Bristol	Bristol Water Department	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	735 Terryville Ave	Bristol Water Department	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Chippens Hill Medical Center	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Georges Terryville Market	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Girl Scouts of CT - Camp Carlson	Bristol Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Bristol	Orchard House-Indian Rock Nature Preserv	Bristol Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Pebble House-Indian Rock Nature Preserve	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Bristol	Wojtusik Nursery	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	39 Hop Brook Rd - Apt Complex	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.015	-	-	0.015	-	-	-	-	-	0.012
Brookfield	Aquarion Water Co of CT-Chimney Heights	AWC	C	66	0.006	0.004	0.010	0.001	0.011	-	0.011	-	-	-	-	0.011	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-New Milford	AWC	C	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Indian Fields	AWC	C	176	0.012	-	0.012	0.002	0.014	-	0.014	0.016	-	-	0.016	-	-	-	-	-	0.002
Brookfield	Aquarion Water Co of CT-Owsc Brookwood	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
Brookfield	Aquarion Water Co of CT-Owsc Butternut	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Arrowhead Point Homeowners Assn Inc.	AWC	C	296	0.022	-	0.022	-	0.022	-	0.022	0.022	-	-	0.022	-	-	-	-	-	(0.001)
Brookfield	Brookfield Hills Condominium Unit Owners	AWC	C	144	0.011	-	0.011	-	0.011	-	0.011	0.033	-	-	0.033	-	-	-	-	-	0.023
Brookfield	Brookfield Housing Authority	AWC	C	37	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Brookfield	Candlewood Orchards Property Owners Corp	AWC	C	144	0.004	-	0.004	-	0.004	-	0.004	0.040	-	-	0.040	-	-	-	-	-	0.036
Brookfield	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
Brookfield	Aquarion Water Co of CT-Hickory Hills	AWC	C	132	0.008	-	0.008	-	0.008	-	0.008	0.024	-	-	0.024	-	-	-	-	-	0.016
Brookfield	Lake Lillinonah Shores Condos	AWC	C	130	0.010	-	0.010	-	0.010	-	0.010	0.050	-	-	0.050	-	-	-	-	-	0.040
Brookfield	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
Brookfield	Stony Hill Village Condominium Assn	AWC	C	392	0.029	-	0.029	-	0.029	-	0.029	0.050	-	-	0.050	-	-	-	-	-	0.021
Brookfield	Whisconier Village Association, Inc.	AWC	C	123	0.009	-	0.009	-	0.009	-	0.009	0.011	-	-	0.011	-	-	-	-	-	0.002
Brookfield	Woodcreek Village Condominium Assn, Inc	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.013	-	-	0.013	-	-	-	-	-	0.008
Brookfield	Aquarion Water Co of CT-Brookfield Sys	AWC	C-Large	6112	0.384	0.370	0.754	0.103	0.857	-	0.857	0.827	-	-	0.827	-	-	-	-	-	(0.030)
Brookfield	Aquarion Water Co of CT-Western Brookfld	AWC	C-Large	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Shores Tax District	AWC	C-Large	1420	0.074	-	0.074	0.001	0.075	-	0.075	0.132	-	-	0.132	-	-	-	-	-	0.057
Brookfield	18 Old Route 7	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	189 Sports Cafe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	292 Candlewood Lake Rd	AWC	NC	35	-	0.000	0.000	0.003	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	316 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	439 Candlewood Lake Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	70 Candlewood Lake Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	83 Federal Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	All-Star Transportation	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Lanes	AWC	NC	30	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood East Beach Club/Marina	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Inn	AWC	NC	75	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Colonial Square Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Cosmos Enterprises	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Extra Space Storage	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Firestone Tires	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Five Guys Famous Burgers	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Fox Hill Inn	AWC	NC	85	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Brookfield	Golden Leaf Chinese Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Golf Quest - Brookfield	AWC	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Hearth Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Hi-Way Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Laurel Hill Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Newbury Inn	AWC	NC	36	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Panchos & Gringos Mexican Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Rg 49 Federal Road, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Facility	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Shell Station - 138 Federal Rd	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The Dive Shop Aquatic Center	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	The White House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Town of Brookfield - Cadigan Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Valley Presbyterian Church	AWC	NC	41	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Wendys Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	1114 Federal Road	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	125 Commerce Drive	AWC	NTNC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Commons	AWC	NTNC	125	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield High School	AWC	NTNC	1150	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Office Park Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Professional Bldg	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Brookfield Regional YMCA	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Candlewood Lake Shopping Plaza	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Center Elementary School	AWC	NTNC	527	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Brookfield	Christian Life Academy	AWC	NTNC	148	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Brookfield	Country Kids Club	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Brookfield	Country Kids Play Farm	AWC	NTNC	167	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Elmbrook Plaza	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Felchris - 61 Commerce Drive	AWC	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Green Tree Toyota	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Huckleberry Hill Elementary School	AWC	NTNC	830	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Brookfield	Landmark Office Condo Association	AWC	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	McMullin Manufacturing Corporation	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Pharmco Products	AWC	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 1	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Photronics, Inc. Building 2	AWC	NTNC	110	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Prince of Peace Lutheran Church	AWC	NTNC	58	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	Saint Joseph School	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Brookfield	Silvermine Road Water System	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	St Marguerite Bourgeoys Church	AWC	NTNC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Brookfield	U. S. Post Office - Brookfield	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Brookfield	Whisconier Middle School	AWC	NTNC	1010	-	0.015	0.015	-	0.015	-	0.015	-	-	-	-	-	-	-	-	-	-
Burlington	CTWC - Naugatuck Reg-Collinsville Sys	CTWC	C-Large	120	0.008	0.000	0.009	0.000	0.009	-	0.009	-	-	-	-	0.009	-	-	-	-	-
Burlington	Farmington Line West Condominiums	CTWC	C	51	0.004	-	0.004	-	0.004	-	0.004	0.002	-	-	0.002	-	-	-	-	-	(0.002)
Burlington	Woodcrest Association, Inc	CTWC	C	60	0.005	-	0.005	-	0.005	-	0.005	0.021	-	-	0.021	-	-	-	-	-	0.016
Burlington	Bristol Water Department	Bristol Water Department	C-Large	45	0.003	-	0.003	0.000	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
Burlington	Torrington Water Company	Torrington Water Company	C-Large	4775	0.220	0.070	0.290	0.015	0.305	-	0.305	-	-	-	-	0.305	-	-	-	-	-
Burlington	Burlington Highway Dept (Garage)	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Public Library	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Town Hall	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Deep Burlington Fish Hatchery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Sessions Woods Wildlife Management Area	Bristol Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	The Frozen Gnome	Torrington Water Company	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Burlington	YMCA Camp Chase	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Burlington	Burlington Academy	Torrington Water Company	NTNC	105	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Burlington	Lake Garda School	CTWC	NTNC	715	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Canaan	Canaan Water Dept	ESA Unassigned	C	488	0.026	0.011	0.037	-	0.037	-	0.037	0.029	-	-	0.029	-	-	-	-	-	(0.008)
Canaan	Pine Grove Association,Inc.	ESA Unassigned	C	248	0.019	-	0.019	-	0.019	-	0.019	0.006	-	-	0.006	-	-	-	-	-	(0.012)
Canaan	200 Route 7 North	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	251 Route 7 S	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Canaan	Camp Isabella Freedman	ESA Unassigned	NTNC	84	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Canaan	Edward R. Hamilton Bookseller	ESA Unassigned	NTNC	150	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Canaan	Housatonic Valley Regional H S	ESA Unassigned	NTNC	750	-	0.014	0.014	0.029	0.042	-	0.042	-	-	-	-	-	-	-	-	-	-
Canaan	Town of Canaan	ESA Unassigned	NTNC	63	-	0.001	0.001	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cheshire	Crestview Condominium Association	SCCRWA	C	84	0.006	-	0.006	-	0.006	-	0.006	0.007	-	-	0.007	-	-	-	-	-	0.001
Cheshire	Meriden Water Division	SCCRWA	C-Large	50	0.003	-	0.003	0.001	0.004	-	0.004	3.100	0.500	-	3.600	-	3.316	-	-	0.220	0.280
Cheshire	SCCRWA	SCCRWA	C-Large	31336	1.629	0.949	2.579	0.287	2.865	0.220	2.645	4.600	-	0.500	4.100	-	0.029	-	-	-	1.426
Cheshire	Southington Water Department	SCCRWA	C-Large	473	0.035	0.010	0.045	0.006	0.052	-	0.052	-	-	-	-	0.052	-	-	-	-	-
Cheshire	Wallingford Water Division	SCCRWA	C-Large	128	0.007	-	0.007	0.001	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Cheshire	Cheshire Public Park Well (Lock 12)	SCCRWA	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Church of The Epiphany	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Hickory Hill Orchards	SCCRWA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cheshire	Mixville Park	SCCRWA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Cheshire United Methodist	SCCRWA	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cheshire	Curtis Homestead Village	SCCRWA	NTNC	94	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Hideaway	ESA Unassigned	NC	100	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Congregational Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Town Hall Complex	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Senior	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Camp Jewell-Sunrise	ESA Unassigned	NTNC	500	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Childcare LLC	ESA Unassigned	NTNC	44	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Colebrook	Colebrook Consolidated School	ESA Unassigned	NTNC	170	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Aquarion Water Co of CT-Cornwall System	AWC	C	101	0.005	0.002	0.007	0.000	0.008	-	0.008	0.050	-	-	0.050	-	-	-	-	-	0.042
Cornwall	Cornwall Water Company	ESA Unassigned	C	48	0.004	-	0.004	-	0.004	-	0.004	0.004	-	-	0.004	-	-	-	-	-	0.001
Cornwall	Kugeman Village	ESA Unassigned	C	54	0.004	-	0.004	-	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.018
Cornwall	25 Kent Road	ESA Unassigned	NC	39	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Main System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Camp Mohawk (Nurse & Winter House)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Inn	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mountain (Pine Lodge System)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Mohawk Mtn. Ski Area - Main Lodge	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Railroad Square Plaza (Ne Catering)	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center Dix House-Main	ESA Unassigned	NC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Trinity Conference Center-Butler Hall	ESA Unassigned	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Wandering Moose Cafe & Catering Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Child Center, Inc.	ESA Unassigned	NTNC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Cornwall	Cornwall Consolidated School	ESA Unassigned	NTNC	202	-	0.002	0.002	0.000	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Danbury	Aqua Vista Assoc, Inc - Lower System	Danbury Water Department	C	128	0.010	-	0.010	-	0.010	-	0.010	0.012	-	-	0.012	-	-	-	-	-	0.002
Danbury	Aqua Vista Assoc, Inc - Upper System	Danbury Water Department	C	260	0.020	-	0.020	-	0.020	-	0.020	0.024	-	-	0.024	-	-	-	-	-	0.004
Danbury	Aquarion Water Co of CT-Cedar Heights	Danbury Water Department	C	426	0.018	0.003	0.021	0.000	0.021	-	0.021	0.030	-	-	0.030	-	-	-	-	-	0.009
Danbury	Aquarion Water Co of CT-Hollandale Est.	Danbury Water Department	C	208	0.009	0.000	0.010	0.000	0.010	-	0.010	-	-	-	-	-	-	-	-	0.010	(0.010)
Danbury	Aquarion Water Co of CT-Ken Oaks	Danbury Water Department	C	158	0.007	0.001	0.008	0.001	0.008	-	0.008	-	-	-	-	-	-	-	-	0.008	(0.008)

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Danbury	Aquarion Water Co of CT-Pearce Manor	Danbury Water Department	C	139	0.006	-	0.006	0.001	0.007	-	0.007	0.025	-	-	0.025	-	-	-	-	-	0.018
Danbury	Aquarion Water Co of CT-Rolling Ridge	Danbury Water Department	C	119	0.007	-	0.007	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Danbury	Aquarion Water Co of CT-Tlwc Indian Sprg	Danbury Water Department	C	252	0.013	0.001	0.014	0.001	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
Danbury	Candlewood Park Inc	Danbury Water Department	C	500	0.036	-	0.036	-	0.036	-	0.036	0.031	-	-	0.031	-	-	-	-	0.004	(0.004)
Danbury	Cedar Terrace Prop Owners Assn	Danbury Water Department	C	66	0.005	-	0.005	0.001	0.006	-	0.006	0.019	-	-	0.019	-	-	-	-	-	0.014
Danbury	Cornell Hills Assoc, Inc	Danbury Water Department	C	108	0.008	-	0.008	-	0.008	-	0.008	0.050	-	-	0.050	-	-	-	-	-	0.042
Danbury	Danbury Water Dept-Ridgeview Gardens	Danbury Water Department	C	116	0.009	-	0.009	-	0.009	-	0.009	0.012	-	-	0.012	-	-	-	-	-	0.003
Danbury	Danbury Water Dept- Hawthorne Terrace Assoc	Danbury Water Department	C	156	0.012	-	0.012	-	0.012	-	0.012	0.040	-	-	0.040	-	-	-	-	-	0.028
Danbury	Lake Waubeeka Association	Danbury Water Department	C	712	0.053	-	0.053	-	0.053	-	0.053	0.281	-	-	0.281	-	-	-	-	-	0.227
Danbury	Shady Acres Mobile Home Park	Danbury Water Department	C	117	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Danbury	Snug Harbor Development Corp	Danbury Water Department	C	144	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Danbury	Danbury Water Department	Danbury Water Department	C-Large	77387	3.988	2.098	6.086	1.237	7.324	0.205	7.118	8.580	-	-	8.580	-	0.016	-	-	-	1.445
Danbury	120 Clapboard Ridge Road	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	184 Great Plain Road	Danbury Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	7-Eleven Store	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Amber Room	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Business Aircraft Center, Inc.	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Chucks Steak House	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Dairy & Energy Stop	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Elans of Connecticut	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Federal Road Sunoco	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Kentucky Fried Chicken of Danbury, Inc.	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Pappadella's Restaurant	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Richter Park Golf Course	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Subway	Danbury Water Department	NC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Subway (Mill Plain Road)	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Taormina Restaurant	Danbury Water Department	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	United Methodist Church of Danbury	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	Widow Browns Cafe	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Windmill Diner	Danbury Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Wooster Mountain Gun Club	Danbury Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Danbury	8 Mill Plain Road	Danbury Water Department	NTNC	59	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Boa Plaza	Danbury Water Department	NTNC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Cedar Gables Preschool L.L.C.	Danbury Water Department	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Kinder Care Learning Center	Danbury Water Department	NTNC	113	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Danbury	Little Rascals Nursery School	Danbury Water Department	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Darien	Aquarion Water Co of CT-Noroton System	AWC	C-Large	22359	1.694	1.100	2.794	0.178	2.973	-	2.973	0.350	-	-	0.350		0.010	2.633	-	0.055	-
Derby	Aquarion Water Co of CT-East Derby	SCCRWA	C-Large	1218	0.091	0.038	0.130	0.014	0.144	-	0.144	-	0.150	-	0.150	-	-	-	-	0.144	0.006
Derby	SCCRWA	SCCRWA	C-Large	16685	0.868	0.505	1.373	0.153	1.526	0.144	1.382	0.500	-	0.150	0.350	1.032	-	-	-	-	0.000
Derby	Krauszers	SCCRWA	NC	48	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Aquarion Water Co of CT-Main System	AWC	C-Large	3323	0.266	0.007	0.273	0.043	0.316	-	0.316	14.110	-	-	14.110	-	4.027	-	-	-	9.767
Easton	Connecticut Golf Club	AWC	NC	25	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Easton Racquet Club	AWC	NC	25	-	0.000	0.000	0.077	0.077	-	0.077	-	-	-	-	-	-	-	-	-	-
Easton	Easton Village Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Greiser General Store	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Lion Hill Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Olde Blue Bird Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Easton	Silverman's Farm	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	St. Dimitrie Romanian Orthodox Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Easton	Christ Church	AWC	NTNC	57	-	0.000	0.000	0.001	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Easton	Congregational Church of Easton	AWC	NTNC	58	-	0.000	0.000	0.083	0.083	-	0.083	-	-	-	-	-	-	-	-	-	-
Fairfield	Aquarion Water Co of CT-Main System	AWC	C-Large	50989	4.334	1.399	5.734	0.895	6.628	-	6.628	41.650	-	-	41.650	-	34.747	-	-	-	0.275
Goshen	Aquarion Water Co of CT-Tlwc	Town of Goshen	C	147	0.004	-	0.004	0.001	0.004	-	0.004	0.022	-	-	0.022	-	-	-	-	-	0.017
Goshen	Village Market Place	Town of Goshen	C	25	0.002	0.007	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.001
Goshen	Aquarion Water Co of CT-Litchfield Sys	Town of Goshen	C-Large	18	0.001	-	0.001	0.000	0.001	-	0.001	0.089	-	-	0.089	-	0.067	-	-	-	0.021
Goshen	Ajs Steak & Pizza Restaurant	Town of Goshen	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Camp Cochipianee	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Christ/The Childrens Place	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Church of Latter Day Saints, Goshen	Town of Goshen	NC	137	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Edmund D. Strang Scout Reservation	Town of Goshen	NC	300	-	0.011	0.011	0.001	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Volunteer Fire Dept	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Hemlock Hill Cooperative Camp Resort Inc	Town of Goshen	NC	190	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Goshen	Mohawk Mountain S.F./Handpump	Town of Goshen	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Nodines Smokehouse	Town of Goshen	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Plaza At 61 Sharon Turnpike	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	St. Thomas of Villanova Church	Town of Goshen	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Valley In The Pines Campground, LLC	Town of Goshen	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Goshen	Woodridge Lake Association	Town of Goshen	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Goshen	Goshen Center School/Town Bldgs	Town of Goshen	NTNC	205	-	0.004	0.004	0.010	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Goshen	Torrington Country Club	Town of Goshen	NTNC	280	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Greenwich	Brunswick Middle School	AWC	C	567	0.004	-	0.004	-	0.004	-	0.004	0.015	-	-	0.015	-	-	-	-	-	0.011
Greenwich	Aquarion Water Co of CT-Greenwich System	AWC	C-Large	58977	4.469	6.514	10.983	2.576	13.560	4.128	9.432	15.200	-	5.000	10.200	-	-	-	-	-	0.768
Greenwich	Camp Simmons - Well #1	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	Camp Simmons - Well #2	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Greenwich	E.T. Seton Boy Scout Camp - Dorms	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Greenwich	E.T. Seton Boy Scout Camp - Main Bldg	AWC	NC	25	-	0.001	0.001	0.060	0.061	-	0.061	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Concession)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	G. E. Harris Golf Course (Maintenance)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	National Audubon Society (Main Building)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	North Greenwich Congregational Church	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Store/Service Station	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Agnes Church	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Barnabas Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Pauls Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	St. Timothy Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Congregational Church	AWC	NC	200	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Fairview Country Club	AWC	NTNC	435	-	0.013	0.013	-	0.013	-	0.013	-	-	-	-	-	-	-	-	-	-
Greenwich	First Church of Round Hill	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Greenwich American Center	AWC	NTNC	800	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Greenwich	Harvest Time Assembly of God	AWC	NTNC	119	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	High Tower Trading LLC	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Parkway School	AWC	NTNC	514	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Greenwich	Round Hill Community Church	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Greenwich	Stanwich Club	AWC	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Sutton Land, LLC	AWC	NTNC	150	-	0.003	0.003	0.000	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Greenwich	Tamarack Country Club	AWC	NTNC	130	-	0.002	0.002	0.010	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Greenwich	The Stanwich School	AWC	NTNC	150	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Greenwich	Whitby School	AWC	NTNC	350	-	0.004	0.004	0.005	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Hartland	6 Hartland Boulevard	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 1	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Bethany Lutheran Brethren Church Well# 2	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Hartland	Hartland Elem Sch & Town Bldgs	ESA Unassigned	NTNC	300	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Harwinton	Garden Lane Apartments	Torrington Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.017	-	-	0.017	-	-	-	-	-	0.014
Harwinton	Torrington Water Company	Torrington Water Company	C-Large	3600	0.166	0.053	0.218	0.012	0.230	-	0.230	-	-	-	-	0.535	0.305	-	-	-	-
Harwinton	207 Birge Park Road - Harwinton	Torrington Water Company	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Dr. David L. French	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Fairview Farms Golf Course & Restaurant	Torrington Water Company	NC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Harwinton	Founders Congregational Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Harwinton Rod & Gun	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	Immaculate Heart of Mary	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Harwinton	283 Litchfield Rd, LLC	Torrington Water Company	NTNC	74	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Harwinton	Birge Park Commons	Torrington Water Company	NTNC	51	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Aquarion Water Co of CT-Kent System	AWC	C	620	0.051	0.020	0.071	0.010	0.081	-	0.081	0.386	-	-	0.386	-	-	-	-	-	0.305
Kent	Brookwoods II	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.026	-	-	0.026	-	-	-	-	-	0.017
Kent	Kent School (Maintenance Well)	ESA Unassigned	C	30	0.002	-	0.002	-	0.002	-	0.002	0.027	-	-	0.027	-	-	-	-	-	0.025
Kent	Kent School Corp (Valley Campus)	ESA Unassigned	C	722	0.054	-	0.054	-	0.054	-	0.054	0.195	-	-	0.195	-	-	-	-	-	0.141
Kent	South Kent School	ESA Unassigned	C	228	0.017	-	0.017	-	0.017	-	0.017	0.037	-	-	0.037	-	-	-	-	-	0.020
Kent	The Marvelwood School	ESA Unassigned	C	220	0.017	-	0.017	-	0.017	-	0.017	0.017	-	-	0.017	-	-	-	-	-	-
Kent	Bulls Bridge Country Store	ESA Unassigned	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Bulls Bridge Inn	ESA Unassigned	NC	29	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Club Getaway	ESA Unassigned	NC	26	-	0.000	0.000	0.603	0.603	-	0.603	-	-	-	-	-	-	-	-	-	-
Kent	Eric Sloane Museum	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	High Watch Farm	ESA Unassigned	NC	86	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Kenmont & Kenwood Camps	ESA Unassigned	NC	825	-	0.029	0.029	-	0.029	-	0.029	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls Brewing Company	ESA Unassigned	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Kent	Kent Falls State Park	ESA Unassigned	NC	573	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Hockey Rink	ESA Unassigned	NC	108	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Campground Well	ESA Unassigned	NC	300	-	0.011	0.011	-	0.011	-	0.011	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Day Use Well	ESA Unassigned	NC	300	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Kent	Lake Warramaug/Shop Well	ESA Unassigned	NC	26	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./ Maintenance	ESA Unassigned	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Kent	Macedonia Brook S.P./Camp Site #30	ESA Unassigned	NC	287	-	0.010	0.010	-	0.010	-	0.010	-	-	-	-	-	-	-	-	-	-
Kent	Kent School Day Care	ESA Unassigned	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Village	AWC	C	96	0.007	-	0.007	-	0.007	-	0.007	0.008	-	-	0.008	-	-	-	-	-	0.001
Litchfield	Fernwood Rest Home	AWC	C	107	0.003	-	0.003	-	0.003	-	0.003	0.028	-	-	0.028	-	-	-	-	-	0.025
Litchfield	Touchstone N.A.F.I.	ESA Unassigned	C	43	0.003	-	0.003	-	0.003	-	0.003	0.011	-	-	0.011	-	-	-	-	-	0.008
Litchfield	Breezy Knoll Association	AWC	C	13	0.000	-	0.000	-	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Litchfield	Aquarion Water Co of CT-Litchfield Sys	AWC	C-Large	2203	0.132	0.124	0.256	0.019	0.275	-	0.275	0.077	-	-	0.077	0.198	-	-	-	-	-
Litchfield	Torrington Water Company	ESA Unassigned	C-Large	156	0.007	-	0.007	0.000	0.008	-	0.008	-	-	-	-	0.008	-	-	-	-	-
Litchfield	491 Bantam Road	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	920 Bantam Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Bantam Cinema	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 2	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Cozy Hills Campground - Well 3	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Da Capo Restaurant (formerly The Main Course Restaurant)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Gooseboro Drive-In	AWC	NC	25	-	0.000	0.000	0.002	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Lourdes of Litchfield(Upper&Lower)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Mockingbird Kitchen & Bar	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Northfield Bible Church	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Northland Properties, LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Litchfield	Peaches N Cream	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Saint Pauls Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Stonybrook Golf Club	AWC	NC	32	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Toll Gate Hill Inn & Restaurant	ESA Unassigned	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Litchfield	Topsmead State Park/Chase House	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	West Shore Seafood LLC	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Campground	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	White Memorial Conf. Ctr & Museum	AWC	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Litchfield	Wisdom House	ESA Unassigned	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Woods Pit Bbq And Mexican	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Litchfield	Litchfield Montessori School	ESA Unassigned	NTNC	120	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Aquarion Water Co of CT - West Shore	AWC	C	44	0.001	-	0.001	0.000	0.001	-	0.001	0.001	-	-	0.001	-	0.000	-	-	-	0.000
Middlebury	CTWC - Naugatuck Reg - Hillcrest	CTWC	C	120	0.004	-	0.004	-	0.004	-	0.004	-	0.030	-	0.030	-	-	-	-	0.004	0.026
Middlebury	Middlebury Commons	CTWC	C	76	0.006	-	0.006	-	0.006	-	0.006	0.027	-	-	0.027	-	-	-	-	-	0.021
Middlebury	Westover Water Co	CTWC	C	510	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.004
Middlebury	CTWC - Naugatuck Region-Central System	CTWC	C-Large	2,100	0.113	0.075	0.188	0.021	0.209	-	0.209	-	-	0.500	(0.500)	0.209	-	-	-	-	(0.500)
Middlebury	Heritage Water Company	CTWC	C-Large	2,215	0.129	0.118	0.247	0.025	0.272	-	0.272	-	0.500	-	0.500	0.633	0.361	-	-	-	0.500
Middlebury	Highfield, Inc.	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (First Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Hop Brook Lake Rec Area (West Lawn Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Lake Quassapaug Outing Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Maples Restaurant	CTWC	NC	25	-	0.001	0.001	0.000	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Mobil	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Recreation Park	CTWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassapaug Sailing Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Amusement Park	CTWC	NC	325	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Middlebury	Quassy Field	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Sandy Beach Swim Club	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Elementary School	CTWC	NTNC	412	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Middlebury	Middlebury Hamlet	CTWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Middlebury	Village Square	CTWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	27 Maple Drive	AWC	C	38	0.003	-	0.003	-	0.003	-	0.003	0.003	-	-	0.003	-	-	-	-	-	0.000
Monroe	Aquarion Water Co of CT-Main System	AWC	C-Large	16082	1.045	0.222	1.267	0.198	1.465	-	1.465	-	-	-	-	1.484	0.018	-	-	-	(0.000)
Monroe	179 Main Street - Monroe	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	181 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	241 Roosevelt Drive	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	500 Purdy Hill Road	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	588 Monroe Tnpk - Ddh Associates, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	American Pie	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Beacon Hill Evangelical Free Church	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Crescent Village	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Duchess of Monroe	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Dunkin Donuts	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	Lake Zoar Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Amoco (G & M Auto)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Food Mart	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Monroe Little League Beardsley Fields	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Route 34 Plaza - Monroe	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	The Smithy Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Monroe	The Waterview	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Monroe	Our Lady of The Rosary Chapel	AWC	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Breezy Knoll Association	Town of Morris	C	87	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	0.000	-	-	-	0.024
Morris	Eldridge Elderly Housing	Town of Morris	C	40	0.003	-	0.003	-	0.003	-	0.003	0.005	-	-	0.005	-	-	-	-	-	0.002
Morris	5 Watertown Road (Rt 63) - Morris	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Buddha Ariyamett Aram Temple	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Camp Washington, Inc.	Town of Morris	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	East Morris Xtra Mart/Citgo Gas Station	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Ebner Camps, Inc. (Awosting)	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Giovannis Morris Pizza & Restaurant	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Community Hall And Library	Town of Morris	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Morris	Morris Field And Community Pavilion	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Popeys Ice Cream Shoppe/Ripe Tomato	Town of Morris	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn -Cottage System	Town of Morris	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Integrated Illumination Systems	Town of Morris	NTNC	115	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	James Morris School	Town of Morris	NTNC	258	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Morris	White Flower Farm	Town of Morris	NTNC	95	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Morris	Winvian Farm Country Inn - Main System	Town of Morris	NTNC	55	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
Naugatuck	Idleview Mobile Home Park	CTWC	C	138	0.004	-	0.004	-	0.004	-	0.004	0.005	-	-	0.005	-	-	-	-	-	0.001
Naugatuck	CTWC - Naugatuck Region-Central System	CTWC	C-Large	26,393	1.425	0.362	1.787	0.199	1.985	-	1.985	3.960	-	-	3.960	-	0.314	-	-	-	1.661
Naugatuck	982 Rubber Avenue	CTWC	NTNC	90	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Canaan	Aquarion Water Co of CT-New Canaan Sys	AWC	C-Large	11583	0.878	0.650	1.528	0.382	1.910	-	1.910	0.192	-	-	0.192	-	-	5.306	5.092	-	(1.503)
New Canaan	Norwalk First Taxing District	AWC	C-Large	83	0.006	0.005	0.011	0.002	0.012	-	0.012	4.000	-	-	4.000	-	0.004	-	-	-	3.984
New Canaan	Country Club of New Canaan (Halfway)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Grace Community Church	AWC	NC	165	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Canaan	Country Club of New Canaan (Main Well)	AWC	NTNC	190	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes Foundation - Art Building	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Canaan	St Lukes School	AWC	NTNC	405	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Canaan	St Lukes School Athletic Center	AWC	NTNC	500	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
New Fairfield	Aquarion Water Co of CT - Dunham Pond	AWC	C	251	0.007	0.023	0.030	0.003	0.033	-	0.033	0.043	-	-	0.043	-	-	-	-	-	0.010
New Fairfield	Aquarion Water Co of CT-Ball Pond Sys	AWC	C	975	0.059	0.004	0.062	0.006	0.068	-	0.068	0.071	-	-	0.071	-	-	-	-	-	0.003
New Fairfield	Aquarion Water Co of CT-Fieldstone Ridge	AWC	C	84	0.005	-	0.005	0.001	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.014
New Fairfield	Aquarion Water Co of CT-Oakwood Acres	AWC	C	284	0.014	0.002	0.016	0.003	0.019	-	0.019	0.029	-	-	0.029	-	-	-	-	-	0.011
New Fairfield	Aquarion Water Co of CT-Owsc Birches	AWC	C	384	0.017	0.004	0.021	0.003	0.023	-	0.023	0.039	-	-	0.039	-	-	-	-	-	0.015
New Fairfield	Aquarion Water Co of CT-Owsc Possum Rdge	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Fairfield	Candlewood Knolls Water Authority	AWC	C	524	0.039	-	0.039	-	0.039	-	0.039	0.043	-	-	0.043	-	-	-	-	-	0.004
New Fairfield	Interlaken Water Company	AWC	C	64	0.005	-	0.005	-	0.005	-	0.005	0.022	-	-	0.022	-	-	-	-	-	0.017
New Fairfield	Knollcrest Tax District	AWC	C	356	0.027	-	0.027	-	0.027	-	0.027	0.047	-	-	0.047	-	-	-	-	-	0.020
New Fairfield	Aquarion Water Co of CT-Timber Trails	AWC	C	51	0.002	-	0.002	0.001	0.003	-	0.003	-	-	-	-	0.003	-	-	-	-	-
New Fairfield	249 Route 39	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	25 Old Route 37	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	4 Cotton Tail Road	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Candlewood Isle Club House	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Commons	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fieldstone Plaza	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Girl Scouts of CT - Camp Candlewood - Lh	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Icons Sports Bar & Grill (Formerly 80 Route 39)	New Fairfield WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Mobil Snack Shop	New Fairfield WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Schools Concession Stand	AWC	NC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Candlewood Lake	AWC	NC	333	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Squantz Pond S.P./Main Well	AWC	NC	200	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	St. Edward Rc Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Fairfield	74 Route 37, LLC	New Fairfield WPCA	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Fairfield	Consolidated & Meeting House Hill School	AWC	NTNC	1425	-	0.021	0.021	-	0.021	-	0.021	-	-	-	-	-	-	-	-	-	-
New Fairfield	Fairwood Professional Building	New Fairfield WPCA	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	Heritage Plaza	New Fairfield WPCA	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield High/Middle School	AWC	NTNC	1791	-	0.032	0.032	0.002	0.034	-	0.034	-	-	-	-	-	-	-	-	-	-
New Fairfield	New Fairfield WPCA	New Fairfield WPCA	NTNC	275	-	0.006	0.006	0.000	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
New Hartford	Little Brook Rd Property Owners Assn	New Hartford WPCA	C	64	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
New Hartford	West Hill Lake Water Assoc.	New Hartford WPCA	C	312	0.005	-	0.005	-	0.005	-	0.005	0.035	-	-	0.035	-	-	-	-	-	0.030
New Hartford	New Hartford Water Department	New Hartford WPCA	C-Large	2248	0.121	0.046	0.167	0.013	0.180	-	0.180	0.378	-	-	0.378	-	-	-	-	-	0.198
New Hartford	Torrington Water Company	Torrington Water Company	C-Large	120	0.006	-	0.006	0.000	0.006	-	0.006	-	-	-	-	0.541	0.535	-	-	-	-
New Hartford	1165 Litchfield Turnpike	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	97-107 Main Street - New Hartford	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Alcove Motel	New Hartford WPCA	NC	30	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Hartford	Bershire Hall At Brodie Park	New Hartford WPCA	NC	28	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Friendship - Well #3)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Loomis - Well #2)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (North-Well #5)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (Ranger - Well #1)	New Hartford WPCA	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Sequassen (South - Well #4)	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Bailey	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Campsite	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Camp Workcoeman - Dining Hall	New Hartford WPCA	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Hartford	Ski Sundown, Inc.	New Hartford WPCA	NC	600	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-
New Hartford	Town of New Hartford - Brown's Corner	New Hartford WPCA	NC	200	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Trinita	New Hartford WPCA	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	West Hill Beach Club, Inc.	New Hartford WPCA	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Hartford	Antolini Elementary School	New Hartford WPCA	NTNC	385	-	0.004	0.004	-	0.004	-	0.004	-	-	-	-	-	-	-	-	-	-
New Hartford	Bakerville Consolidated School	New Hartford WPCA	NTNC	177	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
New Hartford	Foothills Shopping Plaza	New Hartford WPCA	NTNC	60	-	0.001	0.001	0.077	0.078	-	0.078	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Carmen Hill	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Dean Heights Sys	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Forest Hills Sys	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Meadowbrook	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Park Glen System	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Pleasant View	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Milford	Aquarion Water Co of CT-Twin Oaks System	AWC	C	149	0.006	-	0.006	0.001	0.007	-	0.007	0.017	-	-	0.017	-	-	-	-	-	0.010
New Milford	Birch Groves Association, Inc	AWC	C	300	0.011	-	0.011	-	0.011	-	0.011	0.050	-	-	0.050	-	-	-	-	-	0.039
New Milford	Candle Hill Mobile Home Park	AWC	C	233	0.017	-	0.017	-	0.017	-	0.017	0.030	-	-	0.030	-	-	-	-	-	0.013
New Milford	Candlewood Springs Property Owners Assn	AWC	C	148	0.011	-	0.011	-	0.011	-	0.011	0.019	-	-	0.019	-	-	-	-	-	0.008
New Milford	Candlewood Trails Association, Inc.	AWC	C	312	0.015	-	0.015	-	0.015	-	0.015	0.050	-	-	0.050	-	-	-	-	-	0.035
New Milford	CLC Owners Corporation	AWC	C	736	0.055	-	0.055	-	0.055	-	0.055	0.145	-	-	0.145	-	-	-	-	-	0.090
New Milford	Lillinonah Park Estates Homeowners Assn	AWC	C	128	0.010	-	0.010	-	0.010	-	0.010	0.007	-	-	0.007	-	-	-	-	-	(0.003)
New Milford	Litchfield Hill Condos	AWC	C	126	0.001	-	0.001	-	0.001	-	0.001	0.030	-	-	0.030	-	-	-	-	-	0.029
New Milford	Old Farms Condominium Association Inc	AWC	C	285	0.021	-	0.021	0.006	0.027	-	0.027	0.066	-	-	0.066	-	-	-	-	-	0.039
New Milford	Sunny Valley Tax District	AWC	C	500	0.038	-	0.038	-	0.038	-	0.038	0.050	-	-	0.050	-	-	-	-	-	0.013
New Milford	Aquarion Water Co of CT-New Milford	AWC	C-Large	9008	0.415	0.622	1.037	0.162	1.198	-	1.198	3.078	-	-	3.078	-	0.003	-	-	-	1.877
New Milford	358 Danbury Road	AWC	NC	66	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	471 And 475 Danbury Road - New Milford	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Alfredos Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
New Milford	Bible Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Bridges Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Bucks Rock Camp	AWC	NC	450	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-
New Milford	Bulls Bridge Golf Club	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Candlewood Valley Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Plaza	AWC	NC	39	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Harrybrooke Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Jehovahs Witnesses	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Kent Rd Shopping Center	AWC	NC	25	-	0.001	0.001	0.029	0.030	-	0.030	-	-	-	-	-	-	-	-	-	-
New Milford	Lynn Deming Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	North Country Inn & Restaurant	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Northville Market, Inc.	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Red Carpet Motel	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Motel	AWC	NC	27	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	Temple Sholom	AWC	NC	25	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Thai Charm Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Green Spot	AWC	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	The Old Oak Tavern	AWC	NC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Trinity Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
New Milford	Upper Crust Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	George Washington Commons	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
New Milford	New Milford Town Garage	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Rocky River Business & Professional Ctr	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
New Milford	Sunny View Childcare & School	AWC	NTNC	88	-	0.001	0.001	0.105	0.106	-	0.106	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Chestnut Tree	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Owsc	AWC	C	602	0.022	0.001	0.022	0.002	0.025	-	0.025	0.038	-	-	0.038	-	-	-	-	-	0.013
Newtown	Cedarhurst Association	AWC	C	72	0.001	-	0.001	-	0.001	-	0.001	0.014	-	-	0.014	-	-	-	-	-	0.013
Newtown	Masonicare of Newtown	AWC	C	504	0.038	-	0.038	-	0.038	-	0.038	0.043	-	-	0.043	-	-	-	-	-	0.006
Newtown	Meadowbrook Terrace Mobile Home Park	AWC	C	158	0.012	-	0.012	-	0.012	-	0.012	0.019	-	-	0.019	-	-	-	-	-	0.008
Newtown	Aquarion Water Co of CT-Main System	AWC	C-Large	231	0.016	-	0.016	0.002	0.018	-	0.018	-	-	-	-	0.018	-	-	-	-	-
Newtown	Aquarion Water Co of CT-Newtown System	AWC	C-Large	7682	0.355	1.285	1.640	0.093	1.733	-	1.733	1.143	-	-	1.143	-	-	-	0.058	-	(0.648)
Newtown	Fairfield Hills	AWC	C-Large	933	0.146	0.069	0.215	0.019	0.234	-	0.234	0.666	-	-	0.666	-	-	-	-	-	0.433
Newtown	1 Dodgingtown Road	AWC	NC	38	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	100 Church Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	130 Mt Pleasant Tavern, LLC (McGuires)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	133 Mt Pleasant Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	144 Sugar Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	160 South Main Street - Newtown	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	316 South Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	4 Riverside Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Botsford Drive In	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Burrito Shack	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Cheesebread Factory	AWC	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Christ The King Lutheran Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Church of Latter Day Saints, Dnbry/Nwtn	AWC	NC	373	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Congregation Adath Israel-115Huntingtown	AWC	NC	202	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dickinson Memorial Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Dodgington Market	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Friendly Service Station (Citgo)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Grace Christian Fellowship	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Hawleyville Development, LLC.	AWC	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Hilarios Variety Store (Citgo)	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Kings Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Lorenzos Restaurant	AWC	NC	29	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Mistyvale Deli	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Rock Ridge Country Club	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Sandy Hook Diner	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	St. Johns Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Sugar Hill, LLC	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Treadwell Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Newtown	Vibe Cafe LLC	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	7 Berkshire Road - Newtown	AWC	NTNC	85	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Newtown	Curtis Packaging	AWC	NTNC	180	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Eversource - Newtown Area Work Center	AWC	NTNC	145	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Head O Meadow Elementary School	AWC	NTNC	506	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School - White	AWC	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Newtown	Housatonic Valley Waldorf School Ecc-Red	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Rocky Glen Mill	AWC	NTNC	70	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Newtown	Tangoe, Inc	AWC	NTNC	123	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Norfolk	Aquarion Water Co of CT-Norfolk System	AWC	C	837	0.046	0.016	0.062	0.011	0.073	-	0.073	0.730	-	-	0.730	-	-	-	-	-	0.657
Norfolk	Blackberry River Inn	AWC	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
North Canaan	Aquarion Water Co of CT-North Canaan Sys	AWC	C-Large	1495	0.076	0.144	0.220	0.024	0.245	-	0.245	0.610	-	-	0.610	-	-	-	-	-	0.365
North Canaan	Freunds Farm Market & Bakery	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
North Canaan	Lone Oak Campground	AWC	NC	1250	-	0.044	0.044	-	0.044	-	0.044	-	-	-	-	-	-	-	-	-	-
North Canaan	North Canaan Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
North Canaan	Mountain Side Lodge	AWC	NTNC	111	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
North Canaan	Mountainside Treatment Center	AWC	NTNC	80	-	0.002	0.002	0.342	0.344	-	0.344	-	-	-	-	-	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Main System	Norwalk First Taxing District	C-Large	57	0.004	0.002	0.006	0.001	0.006	-	0.006	-	-	-	-	0.006	-	-	-	-	-
Norwalk	Aquarion Water Co of CT-Noroton System	South Norwalk Electric & Water	C-Large	126	0.010	-	0.010	0.001	0.010	-	0.010	-	-	-	-	0.010	-	-	-	-	-
Norwalk	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	52407	3.511	2.483	5.994	0.999	6.993	-	6.993	3.750	-	-	3.750	3.244	0.001	-	-	-	(0.000)
Norwalk	South Norwalk Electric & Water	South Norwalk Electric & Water	C-Large	48096	3.159	2.337	5.496	-	5.496	0.055	5.441	-	-	-	-	5.496	-	-	-	-	0.055
Norwalk	Temple Shalom	South Norwalk Electric & Water	NTNC	100	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Norwalk	United Congregational Church	South Norwalk Electric & Water	NTNC	61	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT-Hawkstone System	AWC	C	187	0.009	0.001	0.010	0.002	0.012	-	0.012	-	-	-	-	0.012	-	-	-	-	-
Oxford	Heritage Water Company	Heritage Village Water Company	C-Large	2,937	0.171	0.156	0.328	0.033	0.361	0.041	0.320	-	-	0.050	(0.050)	0.361	-	-	-	-	(0.009)
Oxford	Aquarion Water Co of CT-Valley System	AWC	C-Large	1330	0.096	0.034	0.129	0.014	0.144	-	0.144	0.890	-	-	0.890	-	-	-	-	-	0.746
Oxford	100 Oxford Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	231 Oxford Road - Oxford	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	403 Quaker Farms Road (formerly Quaker Farms Vol. Fire Dept.)	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Bobby Fritzs Snack Bar LLC	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Colonial Tavern Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Girl Scouts of CT - Camp Anseox	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Jackson Cove	Heritage Village Water Company	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Olde Sawmill Snack Bar	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford United Church of Christ Congreg.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford Usa, LLC.	AWC	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Posypanko Park	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Rolando's Restaurant (formerly Cucina Rustica Ristorante, Inc.)	AWC	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Oxford	Star Food Mart - Global Gas Station	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	144 Oxford Road, LLC	AWC	NTNC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Aquarion Water Co of CT -Oxford Town Ctr	AWC	NTNC	25	-	0.041	0.041	-	0.041	-	0.041	-	0.050	-	0.050	-	-	-	-	0.041	-
Oxford	Christ Episcopal Church	Heritage Village Water Company	NTNC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Oxford	Pleasant Valley Shopping Plaza	Heritage Village Water Company	NTNC	89	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Plymouth	CTWC - Naugatuck Reg-Terryville System	CTWC	C-Large	6325	0.341	0.076	0.417	0.031	0.448	-	0.448	0.718	0.600	-	1.318	-	0.002	-	-	-	0.867
Plymouth	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	63	0.003	0.006	0.009	0.001	0.010	-	0.010	-		-	-	0.010	-	-	-	-	-
Plymouth	655 Main Street - Plymouth	CTWC	NC	37	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck - Well #3	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Leever Lodge	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Camp Mattatuck- Well #1 And #2 System	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	First Congregational Church of Plymouth	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Als Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Gentile's Campground - Tennis Well	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Plymouth	Jehovahs Witnesses	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Plymouth	Plymouth Village	CTWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Harmony Acres Mobile Home Park	CTWC	C	465	0.035	-	0.035	-	0.035	-	0.035	0.040	-	-	0.040	-	-	-	-	-	0.005
Prospect	CTWC - Naugatuck Region-Central System	CTWC	C-Large	2,500	0.135	0.025	0.160	0.018	0.178	-	0.178	0.320	-	-	0.320	-	-	-	-	-	0.142
Prospect	34 Waterbury Road	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Bethel Baptist Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Crosspointe South	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Highland Greens (Golfcourse Clubhouse)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Kitchen)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (Pool)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Holiday Hill Day Camp, LLC (U&L Wells)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Jvp Building	CTWC	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Mattatuck V.F.W. Post 8075	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	Prospect Little League Stand	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Prospect	Senor Panchos	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	The Big Dipper	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Prospect	White Oak Financial Services, LLC	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Aquarion Water Co of CT-Main System	AWC	C-Large	788	0.063	0.009	0.072	0.011	0.083	-	0.083	-	-	-	-	0.083	-	-	-	-	-
Redding	109 Black Rock Tnpk	AWC	NC	48	-	0.000	0.000	0.000	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Long Ridge Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	2 Main Street	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	296 Ethan Allen Highway - Redding	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	3 Sidecut Road	AWC	NC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	58 Redding Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Calvary Independent Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Christ Church Parish	AWC	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Ethan Allen Condos, LLC	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	New Pond Farm Education Center	AWC	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P./Youth Group Well	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Putnam Memorial S.P.-Pavilion System	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Community Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Meditation Society	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Ridge Market	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	St Patricks Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Temple B'nai Chaim	AWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Topstone Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	First Church of Christ, Congregational	AWC	NTNC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Georgetown Bus. & Prof Condo Assn	AWC	NTNC	50	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Joel Barlow Regional High School	AWC	NTNC	1020	-	0.018	0.018	-	0.018	-	0.018	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Redding	John Read Middle School	AWC	NTNC	430	-	0.006	0.006	-	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
Redding	Landmark Academy	AWC	NTNC	261	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Redding	Redding Country Club	AWC	NTNC	115	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Redding	Redding Elementary School	AWC	NTNC	811	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Barnum System	AWC	C	132	0.012	-	0.012	0.001	0.013	-	0.013	-	-	-	-	-	-	-	-	0.013	(0.013)
Ridgefield	Aquarion Water Co of CT-Craigmoor	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-McKeon System	AWC	C	67	0.006	-	0.006	0.001	0.007	-	0.007	-	-	-	-	-	-	-	-	0.007	(0.007)
Ridgefield	Aquarion Water Co of CT-Ridgefield Knoll	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aquarion Water Co of CT-Scodon	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgefield	Brookview Water Company	AWC	C	55	0.004	-	0.004	-	0.004	-	0.004	0.011	-	-	0.011	-	-	-	-	-	0.007
Ridgefield	Aquarion Water Co of CT-Main System	AWC	C-Large	0	-	0.006	0.006	0.001	0.007	-	0.007	-	-	-	-	0.563	-	-	0.556	-	-
Ridgefield	Aquarion Water Co of CT-Ridgefield Sys	AWC	C-Large	8644	0.733	0.255	0.988	0.113	1.130	-	1.130	0.574	-	-	0.574	-	-	0.556	-	-	-
Ridgefield	59 Ethan Allen Highway	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	590 Danbury Road LLC	AWC	NC	42	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	632 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	659 Danbury Road - Ridgefield	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	871 Ethan Allen Hwy Building	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Aldridge Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Lake Windwing	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Martin Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Baptist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Pro Shop & Rest.)	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Golf Course(Public Fountain)	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Ice Cream Shop	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield Properties	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Elizabeth Seton Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	St Ignatius Retreat House	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	The Golf Performance Center, Inc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	720 Branchville LLC	AWC	NTNC	100	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	890 Ethan Allen Highway - Ridgefield	AWC	NTNC	138	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Ridgefield	Branchville School	AWC	NTNC	488	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Farmingville Elementary School	AWC	NTNC	428	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Ridgefield	Nod Hill Brewery	AWC	NTNC	60	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgebury Congregational Church	AWC	NTNC	62	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield European Motors	AWC	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ridgefield High And Middle School	AWC	NTNC	2131	-	0.038	0.038	-	0.038	-	0.038	-	-	-	-	-	-	-	-	-	-
Ridgefield	Ullman Devices (Main Building)	AWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Bernhardt Meadow	AWC	C	36	0.003	-	0.003	-	0.003	-	0.003	0.039	-	-	0.039	-	-	-	-	-	0.036
Roxbury	160 Baker Rd - Roxbury	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Christ Episcopal Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Congregational Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	Roxbury Market Properties, LLC	AWC	NC	49	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Roxbury	162 Baker Road	AWC	NTNC	34	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Roxbury	Booth Free School	AWC	NTNC	130	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Chatfield Hill Assn., Inc.	AWC	C	68	0.002	-	0.002	-	0.002	-	0.002	0.050	-	-	0.050	-	-	-	-	-	0.048
Salisbury	Salisbury School	ESA Unassigned	C	520	0.025	-	0.025	-	0.025	-	0.025	0.050	-	-	0.050	-	-	-	-	-	0.025
Salisbury	Aquarion Water Co of CT-Salisbury Sys	AWC	C-Large	1888	0.132	0.126	0.258	0.046	0.304	-	0.304	0.845	-	-	0.845	-	-	-	-	-	0.541
Salisbury	254 Twin Lakes Road - Salisbury	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Isola Bella Youth Camp	ESA Unassigned	NC	80	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Salisbury	Lime Rock Park, LLC	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Salisbury School - Boat House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Salisbury	Trinity Episcopal Church	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Salisbury	Twin Lakes Beach Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Aquarion Water Co of CT-Hawkstone System	AWC	C	27	0.001	-	0.001	-	0.001	-	0.001	-	0.050	-	0.050	-	0.012	-	-	0.013	0.037
Seymour	SCCRWA	SCCRWA	C-Large	1216	0.063	1.260	1.323	0.147	1.470	1.223	0.247	2.500	-	4.050	(1.550)	1.470	-	-	-	-	(0.327)
Seymour	Aquarion Water Co of CT-Valley System	AWC	C-Large	11437	0.822	0.291	1.113	0.124	1.237	-	1.237	-	4.000	-	4.000	-	0.650	-	-	1.210	2.114
Seymour	Seymour Land Trust-Bldg& Athletic Field	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	The Meeting Place Restaurant	SCCRWA	NC	31	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Seymour	Comcast of Ct/Ga/Ma/Nh/Ny/Nc/Va/Vt, LLC	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Seymour	Great Hill United Methodist Church	AWC	NTNC	85	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Seymour	Total Sports Academy	SCCRWA	NTNC	75	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Sharon Ridge Apartments	ESA Unassigned	C	62	0.005	-	0.005	-	0.005	-	0.005	0.019	-	-	0.019	-	-	-	-	-	0.015
Sharon	Sharon Water & Sewer Commission	Sharon Water Department	C	803	0.056	0.081	0.137	-	0.137	-	0.137	0.205	-	-	0.205	-	-	-	-	-	0.068
Sharon	607 Cornwall Bridge Road	ESA Unassigned	NC	35	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Main System	ESA Unassigned	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Housatonic Meadows/Riverside	ESA Unassigned	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	National Audubon Society	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #1	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Silver Lake Conference Center - Well #2	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sharon	Trinity Glen-McCa	ESA Unassigned	NC	50	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Shelton	Aquarion Water Co of CT-Main System	AWC	C-Large	37527	2.627	0.677	3.305	0.516	3.820	-	3.820	10.000	-	-	10.000	-	6.719	-	-	-	(0.539)
Shelton	Harvest Kitchen Pantry-Jones Family Farm	AWC	NC	37	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Shelton	Huntington Chapel	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Shelton	Indian Well S.P./South Well	AWC	NC	367	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Aquarion Water Co of CT-Timber Trails	AWC	C	282	0.012	0.000	0.013	0.001	0.014	-	0.014	0.033	-	-	0.033	-	0.003	-	-	-	0.016
Sherman	American Pie Company	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Sherman	Club River Oaks	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Holy Trinity Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Mallory Town Hall	AWC	NC	112	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #1	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Library	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Park & Beach Pavilion	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Volunteer Fire Department	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Elementary School	AWC	NTNC	430	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Sherman	Sherman Green Marketplace - Well #2	AWC	NTNC	79	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Aquarion Water Co of CT-Lakeside System	Heritage Village Water Company	C	486	0.020	-	0.020	0.003	0.023	-	0.023	0.144	-	-	0.144	-	-	-	-	-	0.121
Southbury	Oakdale Manor Water Association	Heritage Village Water Company	C	40	0.003	-	0.003	-	0.003	-	0.003	0.027	-	-	0.027	-	-	-	-	-	0.024
Southbury	Heritage Water Company	Heritage Village Water Company	C-Large	7,382	0.431	0.393	0.824	0.083	0.907	-	0.907	2.040	-	-	2.040	-	0.633	-	-	-	0.501
Southbury	Southbury Training School	State Agency Existing Service Area	C-Large	300	0.102	-	0.102	-	0.102	-	0.102	0.324	-	-	0.324	-	-	-	-	-	0.222
Southbury	1500-1514 Southford Road	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Christ The Savior Orthodox Church	Heritage Village Water Company	NC	150	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Epiphany	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Church of Latter Day Saints, Southbury	Heritage Village Water Company	NC	121	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Hine Bros Inc.	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Beach Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Kettletown S.P./Campground Well	Heritage Village Water Company	NC	167	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Mirandas Pizza & Restaurant	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Congregational Church	Heritage Village Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	South Britain Country Store	Heritage Village Water Company	NC	32	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Corner, LLC	Heritage Village Water Company	NC	47	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Southbury	Splash Car Wash	Heritage Village Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Subway of Southbury Ct	Heritage Village Water Company	NC	43	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	First Steps Day Care & Learning Center	Heritage Village Water Company	NTNC	54	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Great Expectations Day Care & Annex	Heritage Village Water Company	NTNC	125	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Center	Heritage Village Water Company	NTNC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	Southford Retail Center	Heritage Village Water Company	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Southbury	The Romatic Manufacturing Company	Heritage Village Water Company	NTNC	80	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Stamford	Aquarion Water Co of CT-Stamford	AWC	C-Large	134318	10.179	6.100	16.279	1.809	18.088	-	18.088	15.629	-	-	15.629	-	-	2.459	-	-	-
Stamford	Bartlett Arboretum Assoc.	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Chimney Corners Shopping Center	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Dorothy Heroy Recreation Complex	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	High Ridge United Methodist Church	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Lakeside Diner & Mall	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Long Ridge Swim & Tennis Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Madonia Restaurant	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Camp Playland	AWC	NTNC	77	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Stamford	Church of Christ The Healer	AWC	NTNC	55	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	Rockrimmon Country Club	AWC	NTNC	60	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stamford	St Francis Church	AWC	NTNC	70	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Stratford	Aquarion Water Co of CT-Main System	AWC	C-Large	51504	3.090	1.439	4.529	0.707	5.236	-	5.236	-	-	-	-	5.236	-	-	-	-	-
Thomaston	CTWC - Naugatuck Reg-Thomaston System	CTWC	C-Large	4083	0.212	0.157	0.369	0.041	0.410	-	0.410	0.609	0.650	0.600	0.659	-	0.010	-	-	-	0.239
Thomaston	City Limits	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Eagle Rock Cong. Church	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Beach Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Northfield Brk Lake Rec Area (Upper Cs)	CTWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Dam Vista Picnic Area	CTWC	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Thomaston	Thomaston Lanes Inc.	CTWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Thomaston	Metallon Inc	CTWC	NTNC	30	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Aquarion Water Co of CT-Litchfield Sys	Torrington Water Company	C-Large	54	0.003	-	0.003	0.000	0.003	-	0.003	-	0.400	-	0.400	0.067	0.198	-	-	0.131	0.265
Torrington	Torrington Water Company	Torrington Water Company	C-Large	42044	1.934	0.599	2.533	0.134	2.667	0.131	2.535	5.320	-	0.400	4.920	-	0.548	-	-	-	1.836
Torrington	823 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	861 New Harwinton Road	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Headquarters	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Burr Pond S.P./Toilet Building Well	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Cumberland Farms #4590	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Dr. Munroe's Dental Center	Torrington Water Company	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Elks Pond	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Lakeside Motel	Torrington Water Company	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Torrington	Lost Boys Brewery	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Advent Christian Church	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Pizza Palace	Torrington Water Company	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Torrington Toyota Dealership	Torrington Water Company	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	United Congregational Church-Torringford	Torrington Water Company	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Torrington	Wrights Barn	Torrington Water Company	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Torrington	Uconn - Torrington Campus	Torrington Water Company	NTNC	200	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Trumbull	Tashua Village Association, Inc.	AWC	C	35	0.003	-	0.003	-	0.003	-	0.003	0.022	-	-	0.022	-	-	-	-	-	0.019
Trumbull	Aquarion Water Co of CT-Main System	AWC	C-Large	36975	2.773	0.710	3.484	0.544	4.027	-	4.027	-	-	-	-	4.027	-	-	-	-	-
Warren	Arrow Point Water Co	ESA Unassigned	C	84	0.003	-	0.003	-	0.003	-	0.003	0.050	-	-	0.050	-	-	-	-	-	0.047
Warren	The Washington Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Hopkins Supply	ESA Unassigned	NTNC	36	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Warren	Warren Congregational Church	ESA Unassigned	NTNC	54	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Warren	Warren Elementary School	ESA Unassigned	NTNC	140	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Washington	Aquarion Water Co of CT-Judea Depot	AWC	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington	Aquarion Water Co of CT-Judea Main (Green)	AWC	C	291	0.017	0.009	0.026	0.004	0.030	-	0.030	0.060	-	-	0.060	-	-	-	-	-	0.030
Washington	Aquarion Water Co of CT-Quarry Ridge	AWC	C	85	0.003	-	0.003	0.001	0.003	-	0.003	0.010	-	-	0.010	-	-	-	-	-	0.006
Washington	Bee Brook Crossing Condominiums	ESA Unassigned	C	120	0.009	-	0.009	-	0.009	-	0.009	0.043	-	-	0.043	-	-	-	-	-	0.034
Washington	Dodge Farm	ESA Unassigned	C	42	0.002	-	0.002	-	0.002	-	0.002	0.028	-	-	0.028	-	-	-	-	-	0.027
Washington	Gunnery School	AWC	C	300	0.023	-	0.023	-	0.023	-	0.023	0.050	-	-	0.050	-	-	-	-	-	0.028
Washington	New Preston Water Co	ESA Unassigned	C	139	0.010	-	0.010	-	0.010	-	0.010	0.024	-	-	0.024	-	-	-	-	-	0.013
Washington	Rumsey Hall School	ESA Unassigned	C	398	0.030	-	0.030	-	0.030	-	0.030	0.021	-	-	0.021	-	-	-	-	-	(0.009)
Washington	Devereux Glenholme School - Main Campus	ESA Unassigned	C	245	0.025	-	0.025	-	0.025	-	0.025	0.028	-	-	0.028	-	-	-	-	-	0.004
Washington	Ebner Camps, Inc (Camp Chinqueka)	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	287 New Milford Tnpk	ESA Unassigned	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	295 New Milford Turnpike (formerly Chuck Wagon Restaurant)	ESA Unassigned	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	9 Main Street	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Bee Brook Fire House	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	G.W. Tavern	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Lake Waramaug Country Club	ESA Unassigned	NC	28	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	Marbledale 151 Corp	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mount Tom State Park	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	St. Andrews Church & Sweet Harmonies Co	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Washington Golf Club	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	White Horse Restaurant	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Washington	John Dorr Nature Lab	ESA Unassigned	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Inn	ESA Unassigned	NTNC	109	-	0.008	0.008	-	0.008	-	0.008	-	-	-	-	-	-	-	-	-	-
Washington	Mayflower Spa	AWC	NTNC	72	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Washington	Shepaug Middle/High School	ESA Unassigned	NTNC	770	-	0.014	0.014	-	0.014	-	0.014	-	-	-	-	-	-	-	-	-	-
Washington	Washington Montessori School	ESA Unassigned	NTNC	350	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Washington	Washington Primary School	AWC	NTNC	247	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Waterbury	CTWC - Naugatuck Region-Central System	Waterbury Water Department	C-Large	800	0.043	0.002	0.045	0.005	0.050	-	0.050	-	0.300	-	0.300	0.050	-	-	-	-	0.300
Waterbury	Waterbury Water Department	Waterbury Water Department	C-Large	112400	9.000	6.014	15.014	2.047	17.061	2.261	14.800	27.000	-	4.480	22.520	-	-	-	-	-	7.720
Watertown	Watertown Water & Sewer - Westgate	Watertown Water & Sewer	C	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Watertown	Watertown Fire District	Watertown Fire District	C-Large	8,055	0.443	0.128	0.571	0.063	0.634	-	0.634	1.340	-	-	1.340	-	-	-	-	-	0.706
Watertown	Watertown Water & Sewer Authority	Watertown Water & Sewer	C-Large	22,368	1.205	0.542	1.748	0.066	1.814	-	1.814	-	3.000	-	3.000	-	-	-	-	1.814	1.186
Watertown	1030 Litchfield Road - Watertown	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	720 Thomaston Road	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Camp Mataucha	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Crestbrook Park Pro-Shop/Maintenance	ESA Unassigned	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Watertown	Sunset Grille	ESA Unassigned	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	VFW Post 5157	ESA Unassigned	NC	27	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Watertown	Kangaroo Korner Childcare Center	ESA Unassigned	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Water Supply	AWC	C	100	0.008	-	0.008	-	0.008	-	0.008	0.025	-	-	0.025	-	-	-	-	-	0.017
Weston	Aquarion Water Co of CT-Main System	AWC	C-Large	358	0.072	0.001	0.073	0.011	0.084	-	0.084	-	-	-	-	0.084	-	-	-	-	-
Weston	Aspetuck Valley Ctry Club - Pool/Snackbr	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Emmanuel Episcopal Church	AWC	NC	34	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Lodge	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Girl Scouts of CT - Camp Aspetuck Main	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Weston	Weston Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	Aspetuck Valley Country Club-Clubhouse	AWC	NTNC	415	-	0.012	0.012	-	0.012	-	0.012	-	-	-	-	-	-	-	-	-	-
Weston	Norfield Congregational Church	AWC	NTNC	81	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	St. Francis of Assisi R.C. Church	AWC	NTNC	80	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #1	AWC	NTNC	291	-	0.009	0.009	-	0.009	-	0.009	-	-	-	-	-	-	-	-	-	-
Weston	The Weston Field Club - Well #2	AWC	NTNC	75	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Weston	Weston Schools And Municipal Buildings	AWC	NTNC	2600	-	0.047	0.047	-	0.047	-	0.047	-	-	-	-	-	-	-	-	-	-
Weston	Weston Shopping Center Associates, LLC	AWC	NTNC	65	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Westport	Aquarion Water Co of CT-Main System	AWC	C-Large	31278	3.753	0.974	4.727	0.738	5.465	-	5.465	6.370	-	-	6.370	5.883	6.788	-	-	-	-
Westport	Norwalk First Taxing District	ESA Unassigned	C-Large	12	0.001	-	0.001	0.000	0.001	-	0.001	-	-	-	-	0.001	-	-	-	-	-
Wilton	Aquarion Water Co of CT-Main System	AWC	C-Large	3534	0.319	0.326	0.645	0.101	0.746	-	0.746	-	-	-	-	6.698	0.646	-	5.306	-	(0.000)
Wilton	Norwalk First Taxing District	Norwalk First Taxing District	C-Large	45	0.003	-	0.003	0.001	0.004	-	0.004	-	-	-	-	0.004	-	-	-	-	-
Wilton	South Norwalk Electric & Water	AWC	C-Large	672	0.044	-	0.044	-	0.044	-	0.044	5.500	-	-	5.500	-	5.496	-	-	-	(0.040)
Wilton	644 Danbury Road	AWC	NC	33	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	673 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	713 Danbury Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	951 Danbury Road	AWC	NC	45	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Cannondale Railroad Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Four Seasons Racquet Club	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Merwin Meadows Town Park	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club - Paddle Hut (Well 2)	AWC	NC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Lake Club, Inc	AWC	NC	50	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	The Wilton Riding Club, Inc	AWC	NC	125	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Weir Farm National Historic Site	AWC	NC	43	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Wilton Train Station	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	Woodcock Nature Center Inc	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wilton	463 Danbury Road - Wilton	AWC	NTNC	55	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Childrens Day School of Wilton	AWC	NTNC	96	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wilton	Rolling Hills Country Club	AWC	NTNC	100	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wilton	The Grumman Hill Montessori Association	AWC	NTNC	259	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Winchester	Winsted Water Works	Winsted Water Works	C-Large	10310	1.260	0.347	1.607	0.284	1.890	-	1.890	2.980	-	-	2.980	-	-	-	-	-	1.090

Table B-6: Western PWSMA - 50-Year (2060) Water Demands and Water Movement by Town

Town	Public Water System Name	ESA Holder	Classification	Service Area Population	2060 Residential Demand	2060 Non-Residential Demand	Demand Subtotal	Unaccounted-for Water	2060 Total ADD	Water Sold to Other Utility	2060 System ADD	Available Water (ADD) from Sources of Supply	Available Water (ADD) from Interconnections	Committed Water to Others	Available Water (ADD) for System	Intra-System Transfers In	Intra-System Transfers Out	Inter-System Transfers In	Inter-System Transfers Out	Water Purchased From Other Utility	Surplus / Deficit for ADD
Winchester	Coplex Sports Domain	Winsted Water Works	NC	29	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Crystal Peak	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	Green Woods Country Club	Winsted Water Works	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Greenwood Trails	Winsted Water Works	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Winchester	185 Torrington Road - Lanson Drive	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Winchester	Frontier Long Distance	Winsted Water Works	NTNC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	SCCRWA	Wolcott Water Department	C-Large	315	0.016	0.010	0.026	0.003	0.029	-	0.029	-	-	-	-	0.029	-	-	-	-	-
Wolcott	Aquarion Water Co of CT-Tlwc Clearview	Wolcott Water Department	C	225	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	0.008	-	-	-	-	0.008	-
Wolcott	Aquarion Water Co of CT-Tlwc Woodrich	Wolcott Water Department	C	78	0.002	-	0.002	0.000	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Wolcott	Arrowhead By The Lake Association, Inc.	Wolcott Water Department	C	288	0.022	-	0.022	-	0.022	-	0.022	0.050	-	-	0.050	-	-	-	-	-	0.028
Wolcott	Countryside Apartments	Wolcott Water Department	C	218	0.016	-	0.016	-	0.016	0.008	0.009	0.033	-	0.008	0.025	-	-	-	-	-	0.017
Wolcott	Lake Hills Village Condominiums	Wolcott Water Department	C	102	0.008	-	0.008	-	0.008	-	0.008	0.010	-	-	0.010	-	-	-	-	-	0.003
Wolcott	Wolcott Water Department	Wolcott Water Department	C-Large	4894	0.271	0.128	0.399	0.04	0.443	-	0.443	-	0.500	-	0.500	-	-	-	-	0.443	0.057
Wolcott	1189 Wolcott Road	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	1273 Wolcott Road (Wolcott Inn & Suites)	Wolcott Water Department	NC	25	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	2 North Street	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	584-586 Wolcott Road	Wolcott Water Department	NC	36	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	All Saints Episcopal Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	American Legion Post 165	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Farmingbury Golf Course	Wolcott Water Department	NC	49	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	J & M Pizza	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Krystal Gardens	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Mahans Lakeview Fine Catering LLC	Wolcott Water Department	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Nutmeg Farms CT LLC	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Peterson Park	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Plaza At 382-390 Wolcott Road- Back Well	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rietdyke Senior Center	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Rockstar Lounge	Wolcott Water Department	NC	35	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Maria Goretti Catholic Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	St. Pius X Church	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Activity And Learning Center	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Baseball Association	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Congregational Church	Wolcott Water Department	NC	31	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Land Owners Protective Assn. Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Lanes, Inc	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Public Library	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Sports Complex	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Town Hall	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott VFW Post 1979	Wolcott Water Department	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Wolcott	Woodtick Recreational Stand	Wolcott Water Department	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	421 Wolcott Road, LLC	Wolcott Water Department	NTNC	30	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	464 Wolcott Road	Wolcott Water Department	NTNC	40	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Wolcott	Alcott School	Wolcott Water Department	NTNC	638	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Childrens Village - Boundline	Wolcott Water Department	NTNC	130	-	0.002	0.002	-	0.002	-	0.002	-	-	-	-	-	-	-	-	-	-
Wolcott	Frisbie School	Wolcott Water Department	NTNC	446	-	0.005	0.005	-	0.005	-	0.005	-	-	-	-	-	-	-	-	-	-
Wolcott	Nucap	Wolcott Water Department	NTNC	130	-	0.003	0.003	-	0.003	-	0.003	-	-	-	-	-	-	-	-	-	-
Wolcott	Tyrrell School	Wolcott Water Department	NTNC	454	-	0.007	0.007	-	0.007	-	0.007	-	-	-	-	-	-	-	-	-	-
Wolcott	Wolcott Police Dept	Wolcott Water Department	NTNC	33	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Aquarion Water Co of CT - West Shore	AWC	C	9	0.000	-	0.000	0.000	0.000	-	0.000	-	-	-	-	0.000	-	-	-	-	-
Woodbury	Heritage Hill Condominium Assn, Inc	AWC	C	120	0.009	-	0.009	-	0.009	-	0.009	0.032	-	-	0.032	-	-	-	-	-	0.023
Woodbury	Holly House Apartments	AWC	C	75	0.006	-	0.006	-	0.006	-	0.006	0.050	-	-	0.050	-	-	-	-	-	0.044
Woodbury	Quassuk Heights Condominium Assn	AWC	C	108	0.008	-	0.008	-	0.008	-	0.008	0.009	-	-	0.009	-	-	-	-	-	0.001
Woodbury	Town In Country Condominiums - Lower Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.009
Woodbury	Town In Country Condominiums - Upper Sys	AWC	C	120	0.002	-	0.002	-	0.002	-	0.002	0.011	-	-	0.011	-	-	-	-	-	0.008
Woodbury	Woodbury Knoll, LLC.	AWC	C	258	0.019	-	0.019	-	0.019	-	0.019	0.022	-	-	0.022	-	-	-	-	-	0.003
Woodbury	Woodbury Place Condominium Assn	AWC	C	72	0.005	-	0.005	-	0.005	-	0.005	0.006	-	-	0.006	-	-	-	-	-	0.001
Woodbury	Woodlake Tax District	AWC	C	914	0.043	0.005	0.048	-	0.048	-	0.048	0.140	-	-	0.140	-	-	-	-	-	0.092
Woodbury	Aquarion Water Co of CT-Woodbury System	AWC	C-Large	1247	0.066	0.068	0.134	0.009	0.143	-	0.143	0.270	-	-	0.270	-	-	-	-	-	0.127
Woodbury	1633 Main Street - Woodbury	Watertown Fire District	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	308 Sherman Hill Road	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Dairy Delite & Johns Cafe	AWC	NC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 1	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Northwood LLC System 2	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Premier Care of Woodbury	AWC	NC	45	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area	AWC	NC	25	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Woodbury Ski Area Rod Taylor Tubing Area	AWC	NC	25	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	670 Main Street North - Woodbury	AWC	NTNC	40	-	0.001	0.001	-	0.001	-	0.001	-	-	-	-	-	-	-	-	-	-
Woodbury	Early Learning Center of Woodbury	AWC	NTNC	27	-	0.000	0.000	-	0.000	-	0.000	-	-	-	-	-	-	-	-	-	-
Woodbury	Nonnewaug High School	AWC	NTNC	887	-	0.016	0.016	-	0.016	-	0.016	-	-	-	-	-	-	-	-	-	-

APPENDIX C

ADJUSTMENT OF CT SDC MUNICIPAL POPULATION PROJECTIONS

C. ADJUSTMENT OF CT SDC MUNICIPAL POPULATION PROJECTIONS

The Connecticut State Data Center (CT SDC) town population projections extend until 2040 and are reported in 5-year increments. In order to develop a population projection for the 5-year planning horizon (2023), a linear interpolation between 2020 and 2030 data was used. In order to extend the CT SDC town population projections to 2060, the following analysis was performed:

- Compare the population projection in 2040 to the population projection in 2030:
  - If the population was decreasing in a town from 2030 to 2040, then the 2060 population was assumed to be consistent with the 2040 population to simulate an eventual recovery from declining conditions. In other words, the population decline experienced from 2030 to 2040 was expected to continue past 2040 but eventually rebound back to 2040 population levels by 2060. This presents a conservatively high estimate of population where population declines could conceivably continue through 2060.
  - If the population was increasing in a town from 2030 to 2040, then the population was assumed to be stable or increasing through 2060. An analysis was performed of the population increase per year from 2015 to 2020, 2020 to 2030, and 2030 to 2040, and a linear relation was fitted through the data to the year 2060 to determine the projected population increase through 2060. For some communities, the rate of population increase per year slowed from 2020 to 2040, while for others the rate of population increase per year increased from 2020 to 2040. In the event that the slowing rate of population increase resulted in reduced population in the town, the projected population was set equal to the 2040 population. If the increasing population resulted in an increased population that was more than 20% greater than the 2040 population, the 2060 result was capped at a 20% increase.

Table C-1 presents a comparison of the CT SDC town population projections, the population increase per year for each period, and the 2023 and 2060 population projection based on the methods above.

Table C-1. Western PWSMA Population Projections

Municipality	2010 Census Population	2015 CT SDC Population Projection	2018 CT SDC Population Projection	2020 CT SDC Population Projection	2023 Population Projection	2030 CT SDC Population Projection	2040 CT SDC Population Projection	2060 Population Projection	Population Increase per Year (2015-2020)	Population Increase per Year (2020-2030)	Population Increase per Year (2030-2040)	2015 Estimated Water Demand (mgd)*	2023 Estimated Water Demand (mgd)*	2030 Estimated Water Demand (mgd)*	2060 Estimated Water Demand (mgd)*
Ansonia	19,249	19,481	19,697	19,841	20,083	20,648	21,067	21,461	72	81	42	1.461	1.506	1.549	1.610
Barkhamsted	3,799	3,847	3,806	3,778	3,704	3,530	3,148	3,148	-14	-25	-38	0.289	0.278	0.265	0.236
Beacon Falls	6,049	6,266	6,359	6,421	6,471	6,587	6,587	6,587	31	17	0	0.470	0.485	0.494	0.494
Bethel	18,584	18,176	17,844	17,622	17,248	16,376	15,007	15,007	-111	-125	-137	1.363	1.294	1.228	1.126
Bethlehem	3,607	3,606	3,600	3,596	3,590	3,577	3,346	3,346	-2	-2	-23	0.270	0.269	0.268	0.251
Bridgeport	144,229	145,842	147,574	148,728	150,329	154,065	154,658	154,658	577	534	59	10.938	11.275	11.555	11.599
Bridgewater	1,727	1,661	1,569	1,507	1,418	1,211	937	937	-31	-30	-27	0.125	0.106	0.091	0.070
Bristol	60,477	59,919	59,688	59,534	59,374	59,002	57,129	57,129	-77	-53	-187	4.494	4.453	4.425	4.285
Brookfield	16,452	16,225	15,959	15,781	15,529	14,942	14,513	14,513	-89	-84	-43	1.217	1.165	1.121	1.088
Burlington	9,301	9,524	9,550	9,567	9,394	8,991	8,699	8,699	9	-58	-29	0.714	0.705	0.674	0.652
Canaan	1,234	1,254	1,301	1,332	1,406	1,578	1,488	1,488	16	25	-9	0.094	0.105	0.118	0.112
Cheshire	29,261	28,890	28,511	28,258	27,619	26,127	24,860	24,860	-126	-213	-127	2.167	2.071	1.960	1.865
Colebrook	1,485	1,439	1,407	1,385	1,345	1,251	1,100	1,100	-11	-13	-15	0.108	0.101	0.094	0.083
Cornwall	1,420	1,355	1,303	1,268	1,212	1,082	901	901	-17	-19	-18	0.102	0.091	0.081	0.068
Danbury	80,893	82,757	84,037	84,890	86,363	89,801	94,602	105,526	427	491	480	6.207	6.477	6.735	7.914
Darien	20,732	21,026	20,505	20,158	19,896	19,286	22,250	26,700	-174	-87	296	1.577	1.492	1.446	2.003
Derby	12,902	13,032	13,163	13,251	13,417	13,803	14,082	14,451	44	55	28	0.977	1.006	1.035	1.084
Easton	7,490	7,115	6,891	6,741	6,523	6,015	5,388	5,388	-75	-73	-63	0.534	0.489	0.451	0.404
Fairfield	59,404	59,311	58,850	58,542	58,736	59,188	67,101	80,521	-154	65	791	4.448	4.405	4.439	6.039
Goshen	2,976	3,048	3,075	3,093	3,103	3,127	3,089	3,089	9	3	-4	0.229	0.233	0.235	0.232
Greenwich	61,171	59,681	58,079	57,011	55,556	52,160	47,132	47,132	-534	-485	-503	4.476	4.167	3.912	3.535
Hartland	2,114	2,081	2,052	2,033	1,978	1,849	1,581	1,581	-10	-18	-27	0.156	0.148	0.139	0.119
Harwinton	5,642	5,621	5,563	5,525	5,449	5,273	4,799	4,799	-19	-25	-47	0.422	0.409	0.395	0.360
Kent	2,979	2,935	2,880	2,843	2,767	2,591	2,267	2,267	-18	-25	-32	0.220	0.208	0.194	0.170
Litchfield	8,466	8,403	8,280	8,198	8,110	7,905	7,238	7,238	-41	-29	-67	0.630	0.608	0.593	0.543
Middlebury	7,575	7,948	8,118	8,231	8,318	8,522	8,828	8,828	57	29	31	0.596	0.624	0.639	0.662
Monroe	19,479	18,521	17,653	17,074	16,152	14,002	11,961	11,961	-289	-307	-204	1.389	1.211	1.050	0.897
Morris	2,388	2,368	2,352	2,341	2,332	2,310	2,202	2,202	-5	-3	-11	0.178	0.175	0.173	0.165
Naugatuck	31,862	31,973	32,116	32,211	32,339	32,638	31,854	31,854	48	43	-78	2.398	2.425	2.448	2.389
New Canaan	19,738	19,744	19,036	18,564	18,152	17,189	18,563	22,276	-236	-138	137	1.481	1.361	1.289	1.671
New Fairfield	13,881	13,060	12,317	11,822	11,033	9,191	7,324	7,324	-248	-263	-187	0.980	0.827	0.689	0.549
New Hartford	6,970	7,170	7,226	7,264	7,262	7,256	7,047	7,047	19	-1	-21	0.538	0.545	0.544	0.529
New Milford	28,142	27,594	27,070	26,721	26,133	24,760	22,723	22,723	-175	-196	-204	2.070	1.960	1.857	1.704
Newtown	27,560	28,075	27,902	27,787	27,498	26,825	28,220	33,864	-58	-96	140	2.106	2.062	2.012	2.540
Norfolk	1,709	1,681	1,650	1,629	1,592	1,506	1,348	1,506	-10	-12	-16	0.126	0.119	0.113	0.113
North Canaan	3,315	3,214	3,171	3,143	3,098	2,993	2,794	2,794	-14	-15	-20	0.241	0.232	0.224	0.210
Norwalk	85,603	85,927	86,153	86,304	86,888	88,249	90,247	97,110	75	195	200	6.445	6.517	6.619	7.283
Oxford	12,683	13,842	14,491	14,923	15,353	16,355	17,856	19,270	216	143	150	1.038	1.151	1.227	1.445
Plymouth	12,243	12,250	12,231	12,219	12,149	11,986	11,384	11,384	-6	-23	-60	0.919	0.911	0.899	0.854
Prospect	9,405	9,366	9,280	9,222	9,063	8,692	8,216	8,216	-29	-53	-48	0.702	0.680	0.652	0.616

Table C-1. Western PWSMA Population Projections

Municipality	2010 Census Population	2015 CT SDC Population Projection	2018 CT SDC Population Projection	2020 CT SDC Population Projection	2023 Population Projection	2030 CT SDC Population Projection	2040 CT SDC Population Projection	2060 Population Projection	Population Increase per Year (2015-2020)	Population Increase per Year (2020-2030)	Population Increase per Year (2030-2040)	2015 Estimated Water Demand (mgd)*	2023 Estimated Water Demand (mgd)*	2030 Estimated Water Demand (mgd)*	2060 Estimated Water Demand (mgd)*
Redding	9,158	9,263	9,186	9,134	9,113	9,065	9,007	9,007	-26	-7	-6	0.695	0.683	0.680	0.676
Ridgefield	24,638	24,541	23,717	23,167	22,608	21,304	22,187	26,624	-275	-186	88	1.841	1.696	1.598	1.997
Roxbury	2,262	2,290	2,265	2,249	2,227	2,176	2,039	2,039	-8	-7	-14	0.172	0.167	0.163	0.153
Salisbury	3,741	3,617	3,467	3,367	3,240	2,945	2,405	2,405	-50	-42	-54	0.271	0.243	0.221	0.180
Seymour	16,540	16,675	16,749	16,798	16,836	16,924	16,753	16,753	25	13	-17	1.251	1.263	1.269	1.256
Sharon	2,782	2,612	2,481	2,393	2,264	1,963	1,520	1,520	-44	-43	-44	0.196	0.170	0.147	0.114
Shelton	39,559	39,102	38,665	38,374	37,832	36,567	34,543	34,543	-146	-181	-202	2.933	2.837	2.743	2.591
Sherman	3,581	3,279	3,102	2,984	2,794	2,349	1,803	1,803	-59	-64	-55	0.246	0.210	0.176	0.135
Southbury	19,904	19,661	19,477	19,355	19,244	18,986	18,758	18,758	-61	-37	-23	1.475	1.443	1.424	1.407
Stamford	122,643	123,941	125,236	126,099	127,213	129,813	128,825	128,825	432	371	-99	9.296	9.541	9.736	9.662
Stratford	51,384	51,530	51,754	51,904	52,478	53,816	55,394	60,709	75	191	158	3.865	3.936	4.036	4.553
Thomaston	7,887	7,884	7,857	7,839	7,796	7,694	7,370	7,370	-9	-15	-32	0.591	0.585	0.577	0.553
Torrington	36,383	36,478	36,664	36,788	37,020	37,562	37,315	37,315	62	77	-25	2.736	2.777	2.817	2.799
Trumbull	36,018	35,984	35,626	35,387	34,871	33,667	33,154	33,154	-119	-172	-51	2.699	2.615	2.525	2.487
Warren	1,461	1,564	1,574	1,581	1,583	1,586	1,520	1,520	3	1	-7	0.117	0.119	0.119	0.114
Washington	3,578	3,508	3,410	3,344	3,227	2,955	2,462	2,462	-33	-39	-49	0.263	0.242	0.222	0.185
Waterbury	110,366	111,084	111,976	112,571	113,933	117,111	119,211	122,998	297	454	210	8.331	8.545	8.783	9.225
Watertown	22,514	22,344	22,145	22,012	21,774	21,220	19,871	19,871	-66	-79	-135	1.676	1.633	1.592	1.490
Weston	10,179	9,659	9,024	8,601	8,330	7,697	7,007	7,007	-212	-90	-69	0.724	0.625	0.577	0.526
Westport	26,391	26,194	25,186	24,514	23,639	21,598	21,688	26,026	-336	-292	9	1.965	1.773	1.620	1.952
Wilton	18,062	17,723	16,939	16,417	15,809	14,390	14,642	17,570	-261	-203	25	1.329	1.186	1.079	1.318
Winchester	11,242	11,304	11,338	11,360	11,350	11,325	10,938	10,938	11	-4	-39	0.848	0.851	0.849	0.820
Wolcott	16,680	16,909	16,918	16,924	16,879	16,773	16,510	16,510	3	-15	-26	1.268	1.266	1.258	1.238
Woodbury	9,975	10,001	9,901	9,835	9,735	9,502	9,052	9,052	-33	-33	-45	0.750	0.730	0.713	0.679
Total	**1,471,124**	**1,472,375**	**1,466,963**	**1,463,355**	**1,459,777**	**1,451,427**	**1,447,510**	**1,515,665**				**110.428**	**109.483**	**108.857**	**113.675**

*At 75 gallons per person per day

APPENDIX D

SUMMARY OF SMALL COMMUNITY SYSTEM OPTIONS

Table D-1. Small Community Water System Capacity Scores and Potential Options for Improving Capacity

Town	PWS ID	Small Community PWS Name	TOTAL SCORE	Technical Score	Managerial Score	Financial Score	Option A	Option B	Option C	Option D
BARKHAMSTED	CT0055071	FOXRIDGE APARTMENTS-WELL 2	59	55	82	40	X		X	X
BETHEL	CT0090114	ELMWOOD COURT LLC	67	80	81	40	X	X		
BRIDGEWATER	CT0161011	BRIDGEWATER COMMONS CONDOMINIUMS	66	75	82	40	X	X		
BRISTOL	CT0176021	CHIPPANYDALE ASSOCIATION	55	65	61	40	X		X	X
BROOKFIELD	CT0189971	39 HOP BROOK RD - APT COMPLEX	49	45	62	40	X	X		
BROOKFIELD	CT0184011	BROOKFIELD ELDERLY HOUSING	64	80	71	40	X		X	X
BROOKFIELD	CT0180171	BROOKFIELD HILLS CONDOMINIUM UNIT OWNERS	67	80	82	40	X		X	X
BROOKFIELD	CT0180101	HICKORY HILLS	69	85	82	40	X	X	X	
BROOKFIELD	CT0180231	LAKE LILLINONAH SHORES CONDOS	49	35	72	40	X	X		
BROOKFIELD	CT0180161	WHISCONIER VILLAGE ASSOCIATION, INC.	42	25	62	40	X		X	X
BURLINGTON	CT0201011	FARMINGTON LINE WEST CONDOMINIUMS	58	65	70	40	X		X	X
BURLINGTON	CT0201021	WOODCREST ASSOCIATION, INC	57	60	72	40	X		X	X
CHESHIRE	CT0251021	CRESTVIEW CONDOMINIUM ASSOCIATION	50	60	50	40	X		X	X
CORNWALL	CT0311011	CORNWALL WATER COMPANY	49	45	61	40	X	X		
DANBURY	CT0347021	CANDLEWOOD PARK INC	49	25	82	40	X		X	X
DANBURY	CT0340141	CEDAR TERRACE PROP OWNERS ASSN	50	40	71	40	X		X	X
DANBURY	CT0340151	HAWTHORNE TERRACE ASSOC	69	25	81	100	X	X		
DANBURY	CT0347031	SHADY ACRES MOBILE HOME PARK	67	80	82	40	X		X	X
DANBURY	CT0340231	SNUG HARBOR DEVELOPMENT CORP	66	75	82	40	X		X	X
GOSHEN	CT0550321	VILLAGE MARKET PLACE	47	30	72	40	X	X		
HARWINTON	CT0660341	GARDEN LANE APARTMENTS	59	55	82	40	X	X		
KENT	CT0688011	BROOKWOODS II	69	85	81	40	X	X		
LITCHFIELD	CT0743011	BANTAM VILLAGE	60	90	50	40	X		X	X
LITCHFIELD	CT0745093	TOUCHSTONE N.A.F.I.	63	90	82	15	X	X		
MIDDLEBURY	CT0815051	MIDDLEBURY COMMONS	62	75	71	40	X		X	X
MIDDLEBURY	CT0810011	WESTOVER WATER CO	57	50	82	40	X		X	X
MONROE	CT0859071	27 MAPLE DRIVE	40	30	50	40	X		X	X
NAUGATUCK	CT0880031	IDLEVIEW MOBILE HOME PARK	69	85	82	40	X		X	X
NEW FAIRFIELD	CT0910591	CANDLEWOOD KNOLLS WATER AUTHORITY	65	40	74	80	X		X	X
NEW FAIRFIELD	CT0911061	INTERLAKEN WATER COMPANY	55	55	71	40	X	X	X	
NEW HARTFORD	CT0920041	LITTLE BROOK RD PROPERTY OWNERS ASSN	53	70	50	40	X	X		
NEW MILFORD	CT0960151	CANDLE HILL MHP	59	65	71	40	X		X	X
NEW MILFORD	CT0960171	LILLINONAH PARK ESTATES HOMEOWNERS ASSN	65	75	81	40	X	X		
NEW MILFORD	CT0960191	OLD FARMS CONDOMINIUM ASSOCIATION INC	60	50	75	55	X	X		
NEWTOWN	CT0971011	MASONICARE OF NEWTOWN	64	30	81	80	X		X	X
NEWTOWN	CT0970071	MEADOWBROOK TERRACE MOBILE HOME PARK	67	75	71	55	X		X	X
RIDGEFIELD	CT1180091	BROOKVIEW WATER COMPANY	58	15	80	80	X		X	X
ROXBURY	CT1200071	BERNHARDT MEADOW	62	75	72	40	X	X		
SALISBURY	CT1221031	CHATFIELD HILL ASSN., INC.	69	45	81	80	X		X	X
SOUTHBURY	CT1300071	OAKDALE MANOR WATER ASSOCIATION	63	80	70	40	X	X		
TRUMBULL	CT1440021	TASHUA VILLAGE ASSOCIATION, INC.	49	45	81	20	X		X	X
WASHINGTON	CT1500031	BEE BROOK CROSSING CONDOMINIUMS	55	65	60	40	X	X		

Table D-1. Small Community Water System Capacity Scores and Potential Options for Improving Capacity

Town	PWS ID	Small Community PWS Name	TOTAL SCORE	Technical Score	Managerial Score	Financial Score	Option A	Option B	Option C	Option D
WOLCOTT	CT1669011	ARROWHEAD BY THE LAKE ASSOCIATION, INC.	55	45	80	40	X		X	X
WOLCOTT	CT1660011	LAKE HILLS VILLAGE CONDOMINIUMS	35	5	61	40	X	X	X	
WOODBURY	CT1686101	HOLLY HOUSE APARTMENTS	37	20	50	40	X		X	X
WOODBURY	CT1680041	QUASSUK HEIGHTS CONDOMINIUM ASSN	65	90	64	40	X	X		X
WOODBURY	CT1686091	TOWN IN COUNTRY CONDOMINIUMS	67	80	81	40	X		X	X
WOODBURY	CT1680051	WOODBURY KNOLL, LLC.	53	70	50	40	X	X		
WOODBURY	CT1680071	WOODBURY PLACE CONDOMINIUM ASSN	53	70	50	40	X		X	X

Note: NR means that a system was not evaluated using the Capacity Development Tool. Such systems were assumed to have moderate capacity.

Option A: Conduct internal improvements and remain a small independently owned community water system

Option B: Pursue acquisition by larger utility and remain a satellite water sytsem under new ownership and management

Option C: Interconnect with larger or more viable community water system to ensure redundant supply source

Option D: Interconnection and eventual consolidation with larger or more viable community water system