

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

INSTRUCTIONS:

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

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

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

SECTION 1. DECLARANT INFORMATION

Water Utility or Municipality Name: **Valley Water Systems**

Mailing or Street Address: **37 Northwest Drive**

Town, State, Zip Code: **Plainville, CT 06062**

Primary Contact Person & Title: **Donald J. E. Vaughan, President**

Secondary Contact Person & Title: **Thomas G. Hansen, Project Engineer**

Contact Telephone: **860-747-8000**

Contact Fax: **860-747-5954**

Contact Email: **dvaughan@newenglandservicecompany.com**

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

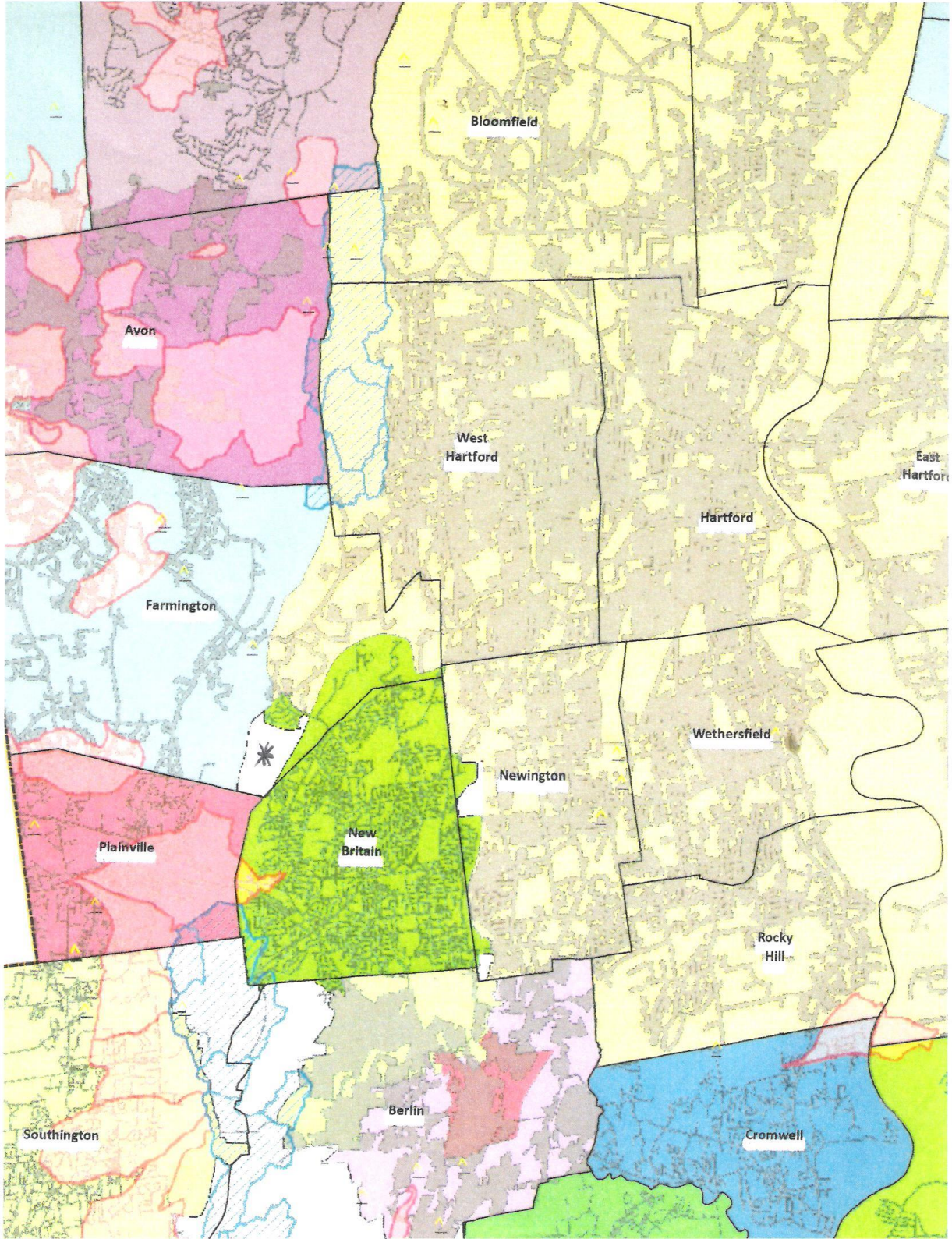
Areas within the municipal boundaries of Stafford, Tolland, Willington, Coventry, Mansfield, Bolton, Andover, and Columbia, with the exception of those parcels of land currently served by public water systems, are open to declarants as proposed exclusive service area boundaries. Additionally, portions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

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

The portion of the Town of Farmington not currently serviced by the New Britain Water Department or by the Connecticut water Company. The area is in the southeast corner of the Town along the Plainville line and contiguous to the Valley Water System’s Reliance Road service area. Between the Plainville town line and Route 6.

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

See Attached ESA map.



SECTION A. SUPPORTING INFORMATION RELATED TO EXISTING WATER SERVICE AREA

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

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

Yes. Portions of the Town of Farmington are already serviced by VSWS

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

No immediate plans for expansion.

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

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

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

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

Since VWS already services a portion of the Town of Farmington it is familiar with the town and local regulations. VWS tracks the existing and projected populations as part of its water supply planning process.

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

Donald J. E. Vaughan, President

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

VWS is not aware of any needs at this time.

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

None that VWS is aware of.

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

VWS is fully compliant with all CT regulations and is familiar with water supply planning regulations and how they relate to existing land use in Farmington. They will not affect the proposed ESA.

SECTION C. PHYSICAL LIMITATIONS TO WATER SERVICE

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

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

VWS will not need to develop new water sources for the proposed ESA. The margin of safety for the VWS sources is greater than 2.0. VWS has adequate available water supply for the proposed ESA.

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

No

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

Unknown.

SECTION D. POLITICAL BOUNDARIES

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

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

No. The proposed ESA is entirely within the Town of Farmington.

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

Yes. The VWS sources are in the Town of Plainville.

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

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

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

No

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

No

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

No

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

No

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

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

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

No. The proposed ESA is within the hydraulic service area of the VWS Reliance Road storage tank.

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

VWS has two groundwater sources, two storage tanks and 4 pressure zones. The Reliance Road and Maxine road pump stations have VFDs and bladder tanks. The Maria Road pump station is a hydropneumatic system.

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

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

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

The Woodford Avenue and Johnson Road wellfields have completed Level A mapping and diversion permits. The VWS has procedures in place for groundwater protection including an emergency contingency plan.

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

NA

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

VWS has certified operators for water system supply, treatment and distribution. VWS has supplies and equipment for maintaining and operating a system servicing over 18,000 people and a flow of 1.1 mgd. VWS has and an approved Water Supply Plan including a water conservation plan and an emergency contingency plan.

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

VWS has an emergency contingency plan and can respond immediately to emergencies. See excerpts from the water supply plan, Section 1, attached.

Section 1 Franchise Authority

1.1 Company Charter

Valley Water Systems Incorporated, (VWS), formerly the Plainville Water Company (PWC), is an investor owned Company chartered by the General Assembly in the State of Connecticut on February 27, 1884. VWS is a wholly owned subsidiary of New England Service Company (NESC), an unregulated publicly traded firm specializing in water related operations. A copy of the VWS Company Charter is included in Appendix A.

1.2 Ownership, Officers, and Directors

VWS is governed by a five member Board of Directors with elected officers. The term for Officers is one year, from April to April.

Directors

Stephen Densberger	Richard A. McGrath
William Galske III	Donald J.E. Vaughan
Nicholas LaChance	

Elected Officers

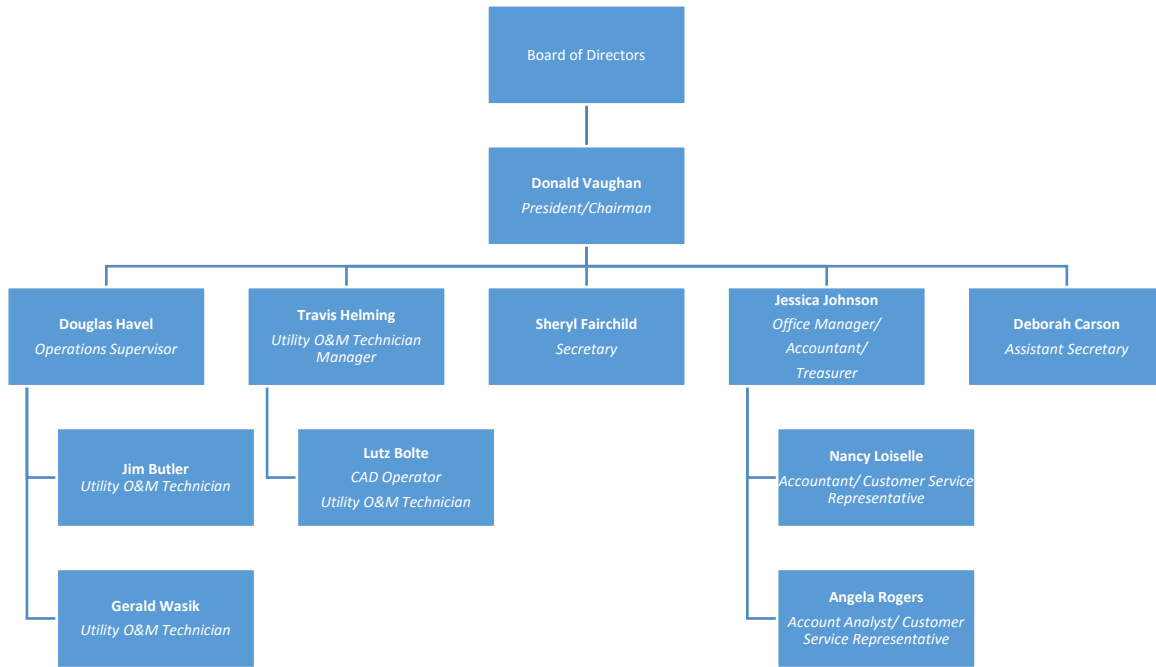
President	Donald J.E. Vaughan
Secretary	Sheryl L. Fairchild
Assistant Secretary	Deborah O. Carson
Treasurer	Jessica R. Johnson

VWS is located at 37 Northwest Drive in Plainville, Connecticut and the 24 hour telephone number is (860) 747-8000.

1.3 Organizational Structure

VWS' table of organization is shown in Figure 1-1.

Figure 1-1



1.4 Responsibilities of Positions

The responsibilities are as follows:

President and Chairman

Responsible for Executive, Managerial, Administrative, and Operations functions of the water company. The functions include the business management, daily operations, fiscal/budget administration, engineering, recruitment of personnel, corporate relations and civic representation aspects of the investor-owned water company. Reports to Board of Directors.

Treasurer

Responsible for all accounting functions and systems, financial reporting, regulatory accounting and reporting, stockholder management and income taxes, supervision of office staff, as well as coordinating all computer functions and systems. Reports to the President.

Operations Supervisor

Responsible for preparation and maintenance of utility plans, records and physical systems files. Prepares specifications and plans of water mains and related appurtenances for bid purposes. Acts as a project manager and inspector on projects under construction and monitors associated budgets. Purchases material and controls/maintains inventory. Locates distribution facilities in the field for coordination of construction projects by others. Responds to customer complaints and performs general clerical duties as required. Reports to the President.

Office Manager

Responsible to plan, coordinate, organize and supervise the work of the office support staff. Schedule and assign work on a daily and regular basis to all office staff in accordance with manpower, work priorities and planned schedules. Supervises and prepares miscellaneous correspondence, reports, memoranda, requisitions, jobbing, records and reports of billing payments, purchased water, absences, time worked, inquiries, etc. on a daily, weekly, monthly or yearly basis, as required. Maintains general ledger entries, reviews financial statements and assists the Vice-President Finance and Administration in monitoring cash flow. Oversees the maintenance of Company files and records. Supervises and performs the billing function, handles payments and refunds, activates new accounts, etc. Receives telephone calls, letters and personal visits from customers with regard to questions and complaints on such matters as improper billing, water leaks, poor service, equipment, etc. Supervises and arranges for service, correct billing and maintains contact with customer to assure satisfaction. Operates computer equipment and two-way radio. Regular and intermittent duties are highly varied, and numerous and largely directed toward providing efficient office management, and customer service. Perform these and related duties in order to maintain excellent communications and customer relations. Refers more difficult and unusual cases to supervisor. Reports to the President.

Utility O&M Technician Manager

Responsible to plan, coordinate, organize and supervise the work of field personnel involved in the installation, repair, service, and maintenance of Valley Water Systems, Inc. distribution and service equipment. Schedule and assign work on a daily basis to all utility service workers in accordance with manpower, work priorities, and planned schedules. Check and inspect field

operations, respond to customer calls, and emergencies, unusual and unanticipated problems. Check and reorder supplies and inventory of material; check on operation of treatment plants, wells, and pump stations. Supervise required tests, repair equipment, investigate leaks in water mains, faulty meters, etc. Meets with contract personnel, local and state authorities, developers, etc. Respond to emergencies and serve on standby accordingly. Prepares reports, maintains records, time sheets, performance appraisals, maintains good employee relations, disciplines workers, ensures compliance with company and safety regulations, housekeeping, equipment maintenance, etc. Reports to the President.

Customer Service Representative

Performs a wide variety of office duties attendant to the operations of Valley Water Systems, Inc. Performs billing function, calculate and type final bills, handle payments and refunds, activate new accounts, prepare shut off notices, etc. Receive telephone calls, letters and personal visits from customers with regard to question and complaints on such matters as improper billing, water leaks, poor service, equipment, etc. Arrange for service, correct billing, and maintain contact with customer to assure satisfaction. Operates computer, calculator and two-way radio. Regular and intermittent duties are moderately varied and largely directed toward providing efficient customer service. Performs these and related duties in order to maintain excellent communications and customer regulations. Comply with Company and safety regulations. Refer more difficult and unusual cases to supervisor. Reports to Office Manager.

O&M Technician

Performs a diversity of duties and functions to install, repair, and maintain all service distribution equipment in order to provide an uninterrupted high quality water supply. Work may involve all aspects of construction, service, meter installation and meter reading, meter location, hydrant installation and maintenance, operation of heavy

Equipment, (i.e. jackhammer, pavement breaker, and power and hand tools), and water treatment activities. Maintains pump stations, well fields, and treatment facilities. Flushes and cleans water distribution systems. Responds to customer calls for service, and complaints of dirty water, etc. and uses various test equipment and apparatus to locate, diagnose, troubleshoot and inspect source of problems and correct problems and restore service and condition to required specification. Responds to emergency calls and serves on standby accordingly. Prepares reports of activity, maintains good customer relations, make collection visits, turns service on or off as situation dictates and performs other related duties as required or assigned. Complies with Company and safety regulations. Refers difficult situations and unusual problems or difficulties to supervisor or others. Reports to Operations Supervisor

1.5 Operator Certification Status

The following is a list of all VWS personnel currently certified for cross-connection, distribution system, and supply and treatment operations:

VWS Personnel	Certification
Douglas Havel	Distribution – Class III Supply and Treatment – Class III
Travis Helming	Distribution – Class III Supply and Treatment – Class III Cross-Connection General Inspector and Tester
Gerald Wasik	Distribution – Class II Supply and Treatment – Class III Cross-Connection General Inspector and Tester

1.6 Legal Mandates and Constraints

The Charter incorporating the PWC, approved February 27, 1884, explains the duties of the officers and directors, and gives the Company the rights to supply water to the Town of Plainville and in “...immediate vicinity of Plainville in the Town of Southington...” using the natural resource in Plainville, not to affect the natural water courses easterly toward New Britain or Shuttle Meadow Reservoir, but only streams that flow naturally westward and towards Plainville, as explained in Section 9 of the Charter.

VWS has a current Diversion Permit regarding the Woodford Avenue Wells with the Department of Energy & Environmental Protection (DIV-201100438) as well as a current Diversion Permit regarding the Johnson Avenue Wells (DIV-200102562).

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

VWS has a Capital Improvements Program (CIP) that is updated continuously. The VWS CIP for 2016/2017 is over \$1.8 million.

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

NA

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

None

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

None

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

**VWS currently uses a flat rate structure. For residential usage, the rate is \$2.558/100 cf.
The cost for 109,500 gallons is \$374.47**

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

SECTION H. OTHER CONSIDERATIONS

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

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

No

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

CERTIFICATION

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

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

Signature of
Duly Authorized Representative: _____ Date: 12/7/16

Print or Type Name and Title: **Donald J. E. Vaughan, President**

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

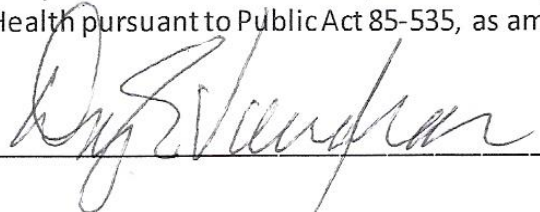
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Furthermore, I, undersigned below, am presently aware of no reason why the utility represented on this form and any associated attachments would not be capable of providing pure and adequate supply of water to service the proposed exclusive service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

Signature of

Duly Authorized Representative: _____



Date: _____

12/7/16

Print or Type Name and Title: _____

DONALD J. E. VAUGHAN, PRESIDENT

Central WUCC ESA Declaration Form

Water Utility Name _____