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December 7, 2010

Derek S. Bennett
Drinking Water and Groundwater Bureau
NHDES
29 Hazen Drive
Concord, NH 03302

Mr. Bennett,

The purpose of this letter is to provide a final draft Water Conservation Plan for View Point Cooperative in Swanzey, New Hampshire.

System Overview

Small community Well System (4 source wells and 1 replacement well)

Reason for new source: Replacement well for BRW2

Number of Residential Connections: 98

Water use trends with supporting data:

- o Maximum day yield of existing sources based on 24 hour pumping: 23,800 gal.
- o Average daily water use: 19,000 gal.
- o Maximum daily water use 24,800 gal.
- o Seasonal trends in water use: Maximum daily during summer mos.
- o Minimum hourly flows (if available): Not Available
- o Population Trends: static just under 98 residents, 98 max.
- o Seasonal fluctuation: N/A
- o Anticipated growth: None

System Side Management

Source Meters

Name designation of each water source:

- o The source meters have been installed and maintained in compliance with "Manual of Water Supply Practices, Water Meters-Selection, Installation, Testing and Maintenance", document identification number AWWA M6, American Water Works Association, 1999.
- o Last Meter Test Date: July 1, 2010 (New Meters Installed)
- o Frequency of proposed Source Meter Testing: Once annually
- o Frequency of proposed Meter Readings: Once daily

The meters employed include five that monitor every well source individually, and a single meter that monitors the combined output. Specifically:

47 Marlboro St., Keene, NH 03431 Phone: (603) 355-1532 Fax (603) 355-2969 E-mail svek@sveassoc.com
P.O. Box 1818, Brattleboro, VT 05302-1818 Phone: (802) 257-0561 Fax (802) 257-0721

- BRW 5 – Badger Meter model 25 Recordal serial # 40420731
- BRW 4 – Badger Meter model 25 Recordal serial # 40420816
- BRW 3 – Badger Meter model 25 Recordal serial # 40420732
- BRW 2 – Badger Meter model 25 Recordal serial # 40420733
- BRW 1 – Badger Meter model 25 Recordal serial # 40420734
- Cumulative System – Carlon model C-400 4” serial # B024220

Service Meters

None currently in service (98 residential dwellings un-metered)

Breakdown of un-metered connections for each of the following classes:

- Residential only – 100% un-metered

Proposed time frame for installing meters on un-metered connections:

- None Planned

Proposed Rate of testing/change out by customer class (or distinguish by meter size):

- N/A

Frequency that meters will be read:

- N/A

Description of all methods used to read service meters:

- N/A

Estimating Unaccounted for water (non-revenue water)

Most recent estimate of unaccounted for water and the year it was estimated:

- None documented

Frequency that unaccounted for water will be estimated:

- None planned

Water Audit

A water audit is not applicable as the cooperative will be conducting leak detection in lieu of installing meters and performing water accounting.

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Most recent water audit differentiating between apparent and real losses:

- None documented

Leak Detection

Leak detection will be conducted in accordance with “Manual of Water Supply Practices, Water Audits and Leak Detection” document identification number AWWA M36, American Water Works Association, 1999.

Summary of distribution system:

- 4 Source Wells and 1 Replacement Well with pump house and PVC Main Distribution Lines installed 1992 & 2010.
- Are pipe locations known? Yes-per Plan Maps
- Breakdown of pipe material, age and length: 3900’ of 8” PVC lines installed 1992

Is it anticipated that future surveys will be conducted by an outside contractor:

- Cushing & Sons, Inc.

Description of leak detection method (if in house): N/A

Percent of distribution system to be covered each year: 50% min.

Will zone meters be installed to assist with leak detection identification and location? None planned

Leaks are to be repaired within 60 days of discovery unless a waiver is obtained in accordance with Env-Wq 2101.09.

Pressure Management

Existing minimum distribution pressure: 20 PSI

Existing maximum distribution pressure: 90 PSI

Intentional Water Loss

Are there “bleeders” used within the system at dead ends to improve water quality or prevent freeze up?

- 2” bleeders at line ends
- Bleeders are operated only during line flushing, which occurs annually
- Bleeders are not looped back into the system

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Are storage tanks intentionally allowed to overflow because of system hydraulics or water quality concerns and if so, what opportunities exist for installation of altitude valves or tank mixing systems?

- One overflow valve in main pump house / two 25,000 gal. tanks

Consumption Side Management

Conservation Rate Structure:

- None planned

Description of existing rate structure:

- Flat rate included in Association dues

Plan and timeframe to adopt rate structure in accordance with Env-Wq 2101 (within 5 years for existing systems)

- N/A

Current and Proposed billing frequency:

- N/A

Will separate irrigation meters be installed?

- No irrigation system is planned for development

Will seasonal rate structure be utilized in addition to the general rate structure?

- No

Educational Outreach Initiative

Materials that will be used:

- The outreach program will consist of sending educational information directly to the customers. This information will include NHDES fact sheets specified below. The information may also include general information on the property well site and water use. This information will be sent out at least once per year.
- As water usage is not billed separately from association membership dues, educational outreach materials distribution is planned through Gordon Water Works annual water quality information mailing, which occurs in the spring. View Point will provide the materials (WD-DWGB-26-3 and WD-DWGB-26-2) through the NHDES fact sheet web site.

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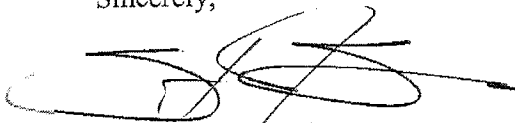
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Compliance

- The water system operators will submit a form to NHDES once every three years documenting how compliance with the water conservation plan is being achieved. All system maintenance and water conservation activities will be completed under the supervision of a certified system operator.

Please call with any input or questions concerning this submittal at (603) 355-1532

Sincerely,



Steve Sears - Project Manager
SVE Associates

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