



The

NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES

hereby issues

LARGE GROUNDWATER WITHDRAWAL PERMIT

NO. LGWP-2004-0004A

to the permittee

PENACOOK BOSCAWEN WATER PRECINCT
9 WOODBURY LANE
BOSCAWEN, NH 03303
(603-796-2206)

for the withdrawal of the following volume of groundwater from the following well for the purpose of community water supply:

PBWP #3 288,000 gallons over any 24-hour period

Date of Issuance: November 3, 2014

Date of Expiration: November 3, 2024

Pursuant to authority in N.H. RSA 485-C:21, the New Hampshire Department of Environmental Services (NHDES), hereby grants this permit to withdraw groundwater from PBWP #3 subject to the following conditions:

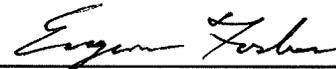
1. The permittee shall comply with the requirements of Env-Wq 403 and RSA 485-C at all times.
2. Water Use Measurement and Reporting Requirements
 - a) PBWP shall maintain its registration with NHDES' Water Use Registration and Reporting Program and maintain the water use reporting requirements established by RSA 488, Env-Wq 2102, and this permit;
 - b) PBWP shall meter withdrawals from PBWP #3 at all times;
 - c) PBWP shall read source meters to adequately report the following volumes to the reporting program referenced in a) above:
 - i. The 24-hour peak day volume withdrawn from PBWP #3 during each month and the date the water use occurred; and
 - ii. The total volume withdrawn from PBWP #3 during each month;
 - d) PBWP shall maintain all source meters, distribution meters, service meters, and meters measuring water consuming processes in accordance with manufacturer specifications (i.e., meter accuracy warranty expiration) and the "Manual of Water Supply Practices M6, Water Meters-Selection, Installation, Testing, and Maintenance," (American Water Works Association, 2012);
 - e) PBWP shall maintain records of all meter maintenance and calibration activities and submit this information to NHDES annually by March 1 of each year for the previous calendar year; and
 - f) PBWP shall measure input volume to the distribution system using a distribution meter, or by metering all water consuming processes prior to system input.
3. Water Conservation Requirements: PBWP shall implement a water accounting, water audit, and leak detection and repair program that includes the following:
 - a) PBWP shall repair all identified leaks within 60 days of discovery unless it is demonstrated that additional time is required due to the location or size of the leak. PBWP shall document and retain records of leak discovery and repair, and provide copies of the records to NHDES upon request;
 - b) Starting in 2016, by March 1 of each year, PBWP shall submit to NHDES an annual water balance (system input volume minus metered consumption) for the previous calendar year using NHDES' electronic reporting form. The form is available on NHDES' website at www.des.nh.gov – go to the "A to Z List," select "Water Conservation," then scroll to "Forms/Applications" and select "Annual Water Balance Reporting Form;" and
 - c) If the annual water balance indicates that PBWP's water losses exceed 15% of the system input volume, by March 1, PBWP shall also submit to NHDES a water audit completed in accordance with "Water Audits and Loss Control Programs," document identification number AWWA M36, American Water Works

Association, 2009, and a response plan including actions and a timeline for reducing water losses to less than 15% within two years.

4. Mitigation Requirements

- a) In the event that an adverse impact occurs, the permittee shall comply with all of the requirements below and with the impact mitigation and source replacement requirements of Env-Wq 403.
 - b) Where the status of an unanticipated impact is not clear, the permittee shall gather information needed to quantify the impact and determine its status relative to the adverse impact criteria defined under RSA 485-C:21, V-c and provide this information to NHDES within 48 hours of being notified by NHDES. A verified adverse impact shall be mitigated in accordance with Env-Wq 403.
5. The permittee shall apply for renewal of this permit between 90 and 365 days prior to its expiration date in accordance with Env-Wq 403. The permittee shall continue to comply with all conditions in this permit until the permit is renewed or the facility is closed in accordance with all applicable requirements, regardless of whether a renewal application is filed.

Any person aggrieved by any terms or conditions of this permit may appeal in accordance with RSA 21-O:7, IV within 30 days.



Eugene J. Forbes, P.E.,
Director Water Division