



The
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES

hereby issues

LARGE GROUNDWATER WITHDRAWAL PERMIT

NO. LGWP-2004-0002A

to the permittee

C.G. ROXANE, LLC
2330 MARINSHIP WAY
SUITE 190
SAUSALITO, CA 94965
(415-339-8200)

for the withdrawal of the following volumes of groundwater from the following sources for use in the production of bottled water at the Castle Springs water bottling plant located in Moultonborough, New Hampshire:

Borehole 1 (BH-1)	108,000 gallons over any 24-hour period
Borehole 3 (BH-3)	132,480 gallons over any 24-hour period

Date of Issuance: June 4, 2014
Date of Expiration: June 4, 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 BH-1 and BH-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. Metering Requirements: Withdrawals from all sources must be metered at all times. All meters must be selected, installed, tested, and maintained in accordance with the AWWA M6 manual as referenced in Env-Wq 2101. The permittee shall provide NHDES with a certificate of calibration and performance specifications for each meter. The permittee shall document and maintain records of all meter maintenance and calibration activities and submit this information to NHDES in an annual report by January 31 of each year. The permittee shall read source water meters to adequately report the following volumes to the reporting program referenced in condition No. 6 of this permit:
 - a) The 24-hour peak day volume withdrawn from each source during each month; and
 - b) The cumulative total volume withdrawn from each source during each month.
3. Water Conservation: In addition to the measures proposed by the permittee in their Permit Application dated March 24, 2004, the following measures shall be implemented:
 - a) The permittee shall complete annual pressure testing and leak detection surveys of all system piping. All leaks must be repaired within 60 days of discovery. Alternatively, the permittee may utilize meters and totalizers at the sources and the bottling plant to determine if water losses exceed 5%. If water losses exceed 5% between the sources and the bottling plant, a leak detection and repair program shall be implemented. Meters and totalizers must meet the requirements in condition No. 2, above. The permittee shall document and maintain records of all activities they undertook to identify and repair pipeline leakage and submit this information to NHDES in an annual report by January 31 of each year.
 - b) The permittee shall maintain shut-off devices in all process operations that prevent the discharge of unused water to waste.
4. Monitoring and Reporting Requirements: The permittee shall maintain the wetland and surface water monitoring program as described in a letter prepared by ENSR International, dated May 9, 2004, incorporated herein by reference, subject to the following conditions:
 - a) On an annual basis from May 1 to November 30, water levels shall be measured at network piezometers and staff gauges twice per month on or about the 15th and 30th of each month.
 - b) Monitoring shall occur using methods consistent with prior years' surveys at wetland monitoring plots Wetland-AA, Wetland-CC, Wetland-OC-1, Wetland-OC-2, and reference wetland REF-WET.
 - c) One survey of the five wetland monitoring plots shall be completed annually sometime between August 15 and September 15.
 - d) As part of the first annual monitoring report submitted to NHDES under this permit, the permittee shall submit a functions and values assessment of wetland monitoring plots Wetland-AA, Wetland-CC, Wetland-OC-1, and Wetland-OC-2.

The monitoring program shall continue indefinitely as a condition of this permit. All work shall be conducted under the direct oversight of a New Hampshire Certified Wetland Scientist. Results of the monitoring and wetland surveys must provide a determination as to whether or not an adverse impact has occurred, may occur, or has not occurred over the monitoring period.

An annual monitoring report and all monitoring data shall be submitted to NHDES annually by January 31 of each year. The annual monitoring report shall note any relevant observations that may affect the water level measurements or wetland plot observations and include all field notes documenting the monitoring activities for the preceding year.

The annual monitoring report shall be submitted in an electronic format and hard copy format.

5. 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.
 - c) NHDES will routinely review environmental conditions and the results of all monitoring data and, if data indicates that groundwater is being extracted at a rate that exceeds natural recharge on average, then NHDES will modify the permit in accordance with Env-Wq 403 in order to prevent adverse impacts from occurring.
6. The permittee shall maintain its registration with the NHDES Water Use Registration and Reporting Program and maintain the water use reporting requirements established by RSA 488, Env-Wq 2102, and this permit.
7. The permittee shall apply for renewal of this permit at least 365 days prior to its expiration date. 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