



The
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES
hereby issues

LARGE GROUNDWATER WITHDRAWAL PERMIT

NO. LGWP-2007-0004A

to the permittee

COLD STONE SPRINGS, LLC
MANAGER: THE OLD MOUNTAIN COMPANY, INC.
225 WEST WACKER DRIVE
SUITE 1500
CHICAGO, IL 60606
(312-917-1830)

for the withdrawal of the following volumes of groundwater from the following wells located at properties in Jaffrey and Sharon, New Hampshire:

For the purpose of public water supply:

BD-1 288,000 gallons over any 24-hour period
PW-1 288,000 gallons over any 24-hour period

For use in the production of bottled water:

BD-2 288,000 gallons over any 24-hour period

BD-1, BD-2, and PW-1: a combined total of 576,000 gallons over any 24-hour period

Date of Issuance: February 21, 2013
Date of Expiration: February 21, 2023

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 wells BD-1, BD-2, and PW-1 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 - a) The 24-hour peak day volume withdrawn from each source during each month; and
 - b) The cumulative total volume withdrawn from each source during each month.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
 - 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 wellheads and the bulk water transfer station to determine if water losses exceed 5%. 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 establish and maintain the monitoring and reporting program as described below.
 - a) Groundwater Level Monitoring
 - i. The permittee shall install pressure transducers and data loggers and measure water levels at a frequency of at least once every four hours in the following wells. Monitoring data shall be submitted to NHDES in an electronic format by the last business day of each month.
 - Well PW-1
 - Well BD-1
 - Well BD-2
 - Monitoring Well TW-11
 - Monitoring Well TW-12
 - Monitoring Well JTW-08
 - Monitoring Well TW-15, unless access is denied by the current property owner
 - Monitoring Well TW-18, unless access is denied by the current property owner
 - ii. The permittee shall measure water levels in the following wells in September or October of each year. Water levels shall be measured during a time period when wells BD-1, BD-2, and PW-1 are operating in a manner that is similar to the typical operating conditions of the facility for the previous 60 days.

- All monitoring wells on Cold Stone Springs, LLC's property that are referenced in Table II of the Final Report (dated January 31, 2007)
 - Wells TW-15 and TW-18, unless access is denied by the current property owner
- b) Surface Water Monitoring: The permittee shall establish a stream gauging station in the Gridley River, down gradient of the withdrawal site in the area where the extent of the Gridley River aquifer terminates and intersects with the Gridley River. The stream gauging station must provide hourly measurements of stream flow. Stream flow monitoring during high flows associated with storm events is not required. Monitoring data shall be submitted to NHDES in an electronic format by the last business day of each month. NHDES may require more frequent reporting or other analyses, as necessary, to assess the occurrence of adverse impacts or during times of declared drought. Additionally, NHDES may require the permittee to implement a low-flow pumping restriction program to protect low flows in the Gridley River whereby withdrawals from BD-1, BD-2, and PW-1 are limited to times when flow in the river exceeds a minimum flow threshold, as determined by NHDES.
- c) All monitoring required in a) and b), above, shall commence at least 30 days prior to initiating a withdrawal from well BD-1, BD-2, or PW-1 and shall continue indefinitely as a condition of this permit.
- d) All monitoring shall be completed by a person who can demonstrate, by education or experience, competency in collecting and reporting hydrogeologic measurements.

Monitoring locations and frequencies may be added or changed if the data obtained contradict the information provided in the permittee's application, or if additional data points are required to assess the potential for adverse impacts to occur.

All monitoring data shall be maintained electronically in a spreadsheet format. All data shall be referenced to the same datum utilized in the Final Report. For groundwater level monitoring locations, the spreadsheet tables shall include the "projected 180-day drawdown" contained in Table II of the Final Report.

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 measurements 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. All groundwater level and stream flow monitoring data collected shall be submitted in an electronic format only.

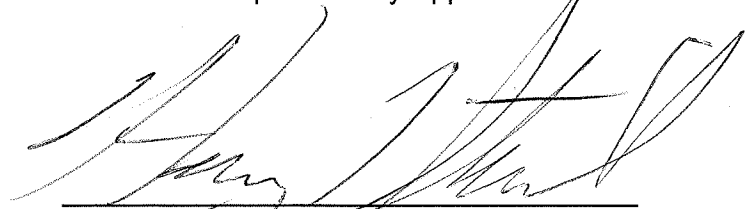
5. Mitigation Requirements

- 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) Prior to initiating a withdrawal from well BD-1, BD-2, or PW-1, the permittee shall notify in writing via certified mail the owners of all properties served by private wells within the area estimated to be the influence area of wells BD-1, BD-2, and PW-1, as

illustrated on Figure C1, titled "Estimated Cone of Depression around Production Wells, Cold Stone Springs, LLC, Jaffrey/Sharon, New Hampshire" included in the Renewal Application titled "Large Groundwater Withdrawal Permit Renewal for Production Wells PW-1, BD-1, and BD-2, Cold Stone Springs, LLC, Jaffrey/Sharon, New Hampshire," prepared by Emery & Garrett Groundwater, Inc., dated January 15, 2013. The permittee shall provide the following to NHDES: 1) a map depicting the locations of the properties notified, labeled with tax parcel numbers; 2) a table listing the property owners, by tax parcel number; 3) one copy of the notification letter; and 4) copies of the certified mail return receipts. The permittee shall explain to property owners with wells in the identified area that their well may be influenced by the withdrawal from well BD-1, BD-2, or PW-1. The permittee shall provide the property owners with contact information for both the permittee and NHDES in the event they believe they may be adversely impacted by the withdrawal.

- c) 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.
 - d) NHDES will routinely review the results of all monitoring data, and if water level monitoring 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 register 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 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.



Harry T. Stewart, P.E.,
Director Water Division