



The
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES
hereby issues
LARGE GROUNDWATER WITHDRAWAL PERMIT

NO. LGWP-2007-0001A

to the permittee

MILTON WATER DISTRICT
P.O. BOX 428
MILTON, NH 03851
(603-652-7573)

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

Rocky Point Wellfield (Wells 1, 2, 3, and 4): 365,760 gallons over any 24-hour period

Date of Issuance: January 3, 2017
Date of Expiration: January 3, 2027

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 the Rocky Point Wellfield 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 Conservation: The permittee shall implement the approved Water Conservation Plan, signed May 7, 2013, in accordance with Env-Wq 2101 and NHDES' approval dated May 21, 2013.
3. Metering Requirements: Withdrawals from the wells must be metered at all times. All meters must be selected, installed, tested, and maintained in accordance with Env-Wq 2101. The permittee shall read source water meters to adequately report the following volumes to the reporting program referenced in condition No. 7 of this permit:
 - a) The 24-hour peak day volume withdrawn from the wellfield during each month and the date the water use occurred; and
 - b) The cumulative total volume withdrawn from the wellfield during each month.
4. Monitoring and Reporting Requirements: The permittee shall establish and maintain the monitoring and reporting program as described below:
 - a) Water Level Monitoring
 - OW-11 = 20070001MWNO11
 - OW-21 = 20070001MWOW21
 - OW-22 = 20070001MWOW22
 - i. Monitoring wells: The permittee shall install and maintain pressure transducers and data loggers and measure groundwater levels at a frequency of at least once every four hours in monitoring wells OW-11, OW-21, and OW-22.
 - ii. Milton Pond: The permittee shall access NHDES Dam Bureau water level elevation records for Milton Pond at the Milton 3 Ponds Dam station and summarize the variation in pond elevation in the annual monitoring report referenced below.
 - b) Groundwater Quality Sampling: The permittee shall collect groundwater quality samples in the spring and fall of each year for the duration of the permit as described below:
 - i. Monitoring wells OW-11 and OW-21, and the private well serving : temperature, specific conductance, dissolved oxygen, oxidation-reduction potential, color, odor, turbidity, pH, total dissolved solids, coliform bacteria, total iron, total manganese, nitrate, and radon.
 - ii. Monitoring well OW-21: Volatile organic compounds (VOCs).

All samples for VOCs shall be collected using low-flow sampling methods and analyzed using EPA Method 8260B. All samples shall be analyzed by a laboratory accredited in NH for the required analysis method/sample matrix.

All water level monitoring and water quality sampling shall be completed by a person who can demonstrate, by education or experience, competency in collecting and reporting hydrogeologic measurements.

Monitoring well and sampling 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.

An annual monitoring report and all monitoring data shall be submitted to NHDES by January 31 of each year. The annual monitoring report shall provide text, tables or figures that present a summary of all previously collected data and note any relevant observations that may affect the measurements made from the preceding year inclusive of pertinent field notes or observations that document the annual monitoring activities undertaken to comply with this permit.

The annual monitoring report shall be submitted in an electronic format and hard copy format. All water level and water quality monitoring data collected shall be submitted in an electronic format only.

5. Notification Requirements: The permittee shall notify NHDES within 15 days of receiving results from water quality sampling conducted in accordance with condition No. 4b for any VOC, at any concentration above analytical detection limits.
6. 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 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.
7. 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.
8. 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