



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner



August 1, 2011

Thomas Mason Jr.
Lakes Region Water Company
420 Governor Wentworth Highway
PO Box 389
Moultonborough, New Hampshire 03254-0389

Subject: CWS Moultonborough: Paradise Shores; EPA ID 1612010
Emergency approval for Bedrock Well #2 and #4 – Mt. Roberts Wells

Dear Mr. Mason:

The purpose of this letter is to respond to your July 22nd, 2011 request for extension of the emergency use period for the 'Mt. Roberts' wells at the system referenced above; and to address items discussed at a follow-up meeting held between Lakes Region Water Co. (LRWC) and New Hampshire Department of Environmental Services (NHDES) staff on July 28th, 2011. In brief, LRWC is requesting permission to extend the use period of the emergency wells over the remainder of the summer due to substantially high water demand. NHDES hereby approves your request to use emergency wells #2 and #4 for the Paradise Shores/Suissvale water system. This emergency approval is subject to the following conditions:

- NHDES understands that both wells #2 and #4 were sampled on July 28th, 2011 for all safe drinking water act parameters (inorganic, volatile organic, semi-volatile organic, and radiological compounds). By August 31st, 2011, provide NHDES with copies of these water quality results. Following receipt of these water quality results, NHDES will review the need for treatment or additional sampling and establish any additional requirements accordingly.
- Prior to and during use, the wells shall be equipped with individual water meters, and meter readings shall be recorded at least as frequently as the other sources at the system and reported on your monthly water use report.
- Approval for use of these Emergency Wells expires on **March 31st, 2012**.
- **By March 31st, 2012**, the water system shall seek and get final permanent approval for these wells (#2 and #4) as new community water supply wells following the small community well siting and testing rules for a combined permitted production volume not to exceed 57,600 gallons per day (or 40 gpm if pumped continuously). The purpose of this condition is to alleviate, for the short term, the water supply deficit that continually necessitates the recurring temporary connection and use of these wells to the system; and to reduce the potential for a water quality impact related to repeatedly connecting temporary equipment, piping and controls to the system. Please be advised that all siting and testing requirements of the small community well approval process apply to these wells, including: demonstration of ownership or control of the well site and SPA;

DES Web Site: www.des.nh.gov

P. O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-2513 Fax: (603) 271-5171 TDD Access: Relay NH 1-800-735-2964

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performance of a pumping test with associated monitoring of other nearby wells;
submission of both a preliminary application and final report; and submission of a
'formal' water conservation plan for the system.

NHDES' current understanding is that Suissevale (the neighboring system) is reviewing its long-term water supply options at this time, and will make a determination as to whether or not it continues to be supplied water by LRWC's Belmoral (a.k.a. Paradise Shores) system by the end of the year. Once that determination is made, NHDES will review the source development needs of the system and identify the actions that are necessary for LRWC to follow in order to remain compliant with the public water system rules. NHDES notes that the conditions of approval established in this letter may be changed or modified as necessary upon new information pertaining to short- or long-term water system demand and/or well yields.

Source Specifications:

Well Number	Well Status	Permitted Production Volume	Sanitary Protective Area Radius	Wellhead Protective Area Radius	Source Description
Mt. Roberts Wells – #2 (008) and #4 (010)	<u>Emergency Wells</u> on Existing System – Approval Expires 3/31/12	57,600 Gallons per day *	200 feet	NA	North side of Rte. 109, approx. 600' and 800' NE of concrete storage tank

** the permitted production volume above represents the cumulative daily production volume allowed to be pumped from the wells if used jointly or individually.*

The previous table outlines the specifications for the emergency wells. The Permitted Production Volume (PPV) is the **maximum volume that may be pumped in any 24-hour period**. The PPV for the well is as shown above. Requests to increase the allowable production volume for this well to a volume greater than that established in the table above shall be made to this office and include a written basis for the request.

The source well shall be equipped with a source tap and must be connected to the distribution system in accordance with Env-Ws 374, *Design Standards for Large Public Drinking Water Systems*. Please contact Rick Skarinka 271-2948 for connection requirements.

Please note that for this interim use period, NHDES will not require LRWC to comply with the requirement to own or control the sanitary protective area (SPA). However, the system will need to demonstrate such ownership or control as part of the well siting approval process referenced above.

If you have any questions about this approval or any other well siting issues feel free to call me at 271-3918 or email me at sroy@des.state.nh.us.

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Sincerely,



Stephen Roy
Drinking Water & Groundwater Bureau

Cc: Mark Naylor, Marcia Thunberg, Doug Brogan; NHPUC
Stephen Eckberg, Meredith Hatfield; NHOCA
Property Owners at Suissevale
Doug Patch – Orr & Reno
Town of Moultonborough – Administrator & Health Officer
Leah McKenna, Derek Bennett, Rick Skarinka, Sarah Pillsbury, Cindy Klevens, Diana Morgan, Linda
Thompson- NHDES

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EDUCATION AND WORK EXPERIENCE OF MARK A. NAYLOR

My educational achievements include a Bachelor of Science degree in Social Science from Plymouth State College in 1978, and a Master of Science degree in Accounting from New Hampshire College in 1985.

I completed the National Association of Regulatory Utility Commissioners (NARUC) Annual Regulatory Studies Program at Lansing, Michigan in August of 1992, and I completed the Nineteenth Annual Eastern Utility Rate Seminar co-sponsored by NARUC, the Florida Public Service Commission and the University of Utah in Hollywood, Florida in October of 1991. I am a member of the NARUC Staff Subcommittee on Accounting and Finance.

My professional work experience began as a Planner working for the Central New Hampshire Regional Planning Commission and the City of Manchester during the years from 1978 to 1984.

Upon receiving my MS in 1985, I was hired by Foxhill Interiors, Inc. in Bedford, NH as Controller. There I was responsible for all accounting, administrative, and financial functions of the Company. In October of 1986 I joined Landmark Title, Inc. in Manchester, NH as Controller. In this position I assumed responsibility for the accounting and finance functions of the Company and its two start-up subsidiaries, including preparation of financial statements and tax returns, budgeting and forecasting, and internal reporting to the parent company in Houston, Texas. I was named a Vice President by the Company Board of Directors in 1987.

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In November of 1990 I joined the Finance Department of the New Hampshire Public Utilities Commission as a PUC Examiner. In that capacity I worked primarily on water and wastewater utility matters. I participated in Staff audits, conducted financial analysis and prepared written testimony, and testified in those cases before the Commission. I was promoted to Assistant Finance Director in August of 1995. In January of 1998 I was named Acting Finance Director, and in August of that year was promoted to Finance Director. My responsibilities in that position included management of the Finance Department and review and approval of the Department's work products, review of financial statements and earnings levels of the regulated utilities, and providing advice and testimony on revenue requirements, earnings levels, financings, accounting and related matters to the Commissioners, department heads, regulated utilities, and the general public. Following a reorganization of the Commission's Staff in late 2001, I was named Director of the Gas & Water Division. In that capacity I manage and direct the Staff of that division, and am responsible for Staff involvement in all dockets concerning gas, water, sewer and steam utilities that are pending before the Commission.