

NH Water Works Association Newsletter

Issue 110

January 2016



NHWWA Welcomes New President Francis Lyons

Congratulations to Francis Lyons, who was elected NHWWA President at the Annual Meeting at the Centennial in Concord on November 5.

Francis is President of F. X. Lyons, Inc., a water works company located in Intervale, New Hampshire. The company operates 50 small community water systems and specializes in residential and commercial installations of water and septic pumps and control systems, water mains and service lines, and pump house construction. Francis is licensed in New Hampshire and Maine as Master Plumber, Pump Installer and Grade II Water Distribution and Treatment.

After graduating from Sacred Heart High School in Kingston, Massachusetts, in 1962, Francis received a BS in Education at Bridgewater (Massachusetts) State College in 1969. Prior to

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NHWWA Begins Search for New Executive Director

In anticipation of Steve Del Deo's retirement in April, the NHWWA Board of Directors has begun a search for a new executive director. The job description follows:

New Hampshire Water Works Association, Executive Director/Chief Operating Officer

New Hampshire Water Works Association (NHWWA), a non-profit 501c professional organization, with a membership of 350 and an annual operating budget of \$175,000 is searching for a fulltime (2,000 hours/year) Executive Director/Chief Operating Officer. NHWWA's membership is comprised of municipal-owned, investor-owned, and privately-owned water utilities/companies representing several hundred operators, and other professionals, and engineers, hydrogeologists, consultants, materials and equipment distributors, regulators and others in the public drinking water profession. NHWWA's mission is to "improve public water supply service in the state of NH by discussion of all water supply issues and problems, inspection of water works facilities, provision of education and training, and action to

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NHWWA welcomes Francis Lyons continued...

starting his business in New Hampshire, he served 23 years in the U. S. Merchant Marine. In 1963, while working at Woods Hole Oceanographic Institute as an engine department employee on the Research Vessel Atlantis II, he embarked on a 6-month Indian Ocean Expedition. Some of the ports of call included Bombay, Zanzibar, Mauritius, Cape Town and St. Helena. One of his personal highlights was celebrating his 19th birthday in the Seychelles Islands.

In 1969 he went to work for Esso Shipping (Exxon Marine) and in 1970 received his U. S. Coast Guard license as Third Engineer. While sailing with Exxon he continued to study and upgrade his licenses receiving his Chief Engineer's license in 1975. In 1980 he took a leave from Exxon to sail on the Massachusetts Maritime Academy training ship as a temporary relief Chief Engineer. In 1981 he accepted a full-time position at the Academy as Dean of Maritime Training and Chief Engineer on the training ship.

In 1985 Francis and his wife Marilyn moved from Massachusetts into their vacation home in Jackson, New Hampshire. Together with their prior experience, Marilyn as a corporate accountant and Francis as a marine engineer, they started and built a successful well-regarded business in the water service industry. In 1996 Francis was recognized by New Hampshire Department of Environmental Services as Small Water System Operator of the Year.

He has served many years as a volunteer firefighter in Hanson, Massachusetts, and Jackson, New Hampshire, including 3 years as Chief of the Jackson Fire Department. Francis and Marilyn enjoy summer weekends in Maine sailing their 32 foot Bristol, and winter vacations in the Caribbean. Once again we congratulate Francis on being elected as President of NHWWA, and very much look forward to his leadership in the coming year.

Exec. Director Job Opening continued...

improve the position of, as well as the service rendered by, operators, managers, and water works persons."

The duties of the available position include; day to day operation and management of the association, training, membership outreach and support, developing and implementing training programs for operators and other professionals, developing and administering technical meetings, symposiums, annual trade show, and governmental affairs and legislative advocacy.

Starting salary \$50,000 - \$60,000 and commensurate with education and experience. Benefit package includes two weeks paid vacation, and generous contribution toward health insurance. Selected candidate will begin work April 1, 2016. Applications accepted through January 8, 2016. For additional information contact: Stephen Del Deo, executive Director, at nhwwa@worldpath.net, website www.nhwwa.org.

NHWWA Board of Directors

At the Annual Meeting on November 5, 2015, the membership elected the following members to the Board of Directors for 2015-2016.

President: Francis Lyons, FX Lyons, Inc.

Vice-President: Ian Rohrbacher, Rochester Water Department

Treasurer: David Miller, Manchester Water Works, Treasurer

Other Directors:

Rene Pelletier, NH Department of Environmental Services

Mark Naylor, NH Public Utilities Commission

John Lyons, Granite State Analytical

Lee Ransom, R.H. White

Charles Roberts, Concord Water Department

Carl McMorrان, Aquarion Water Co.

Donna Hanscom, Keene Water Works

Guy Chabot, Manchester Water Works,
Ex Officio



2016 Legislative Program

The 2016 Legislative Session begins in less than a month. Most LSR's (bill titles) have been filed by legislators, and some bills

are already available. To date we have identified over 20 LSR's relating to drinking water. Below is a partial list of these LSR's. In addition, there is a description of three bills that are currently available.

LSR	Title
2036	appropriating funds to the department of environmental services for the purpose of funding eligible and completed drinking water and wastewater projects under the state aid grant program.
2316	abolishing fluoridation in water.
2435	relative to rules of the public utilities commission on requiring deposits after disconnect notices to customers.
2546	relative to the noise level limitations for permanent machinery.
2759	relative to standards for radon in water.
2836	including water aid grants in the capital budget.

House Bill 1133 (LSR 2434), relative to the maximum amount of a customer deposit which may be required under rules of the public utilities commission would limit the maximum amount a utility could charge to \$250.

House Bill 1155 (LSR 2354), relative to providing choice of meters to customers of utilities, defines "smart meter" as an electronic device used to record the consumption of electric energy, natural gas, or water in intervals of an hour or less and to communicate such information on a daily basis to the utility for monitoring outages and for billing. This legislation would allow any customer to keep his or her existing meter, or consent to the installation of a smart meter. When a utility completes an upgrade to smart meters, it may assess a sur-

charge on any customer who chooses to keep an old meter.

House Bill 1382 (LSR 2688), relative to the referendum procedure for public water systems changes the referendum procedure for public water systems. Currently, 10 percent of the registered voters of a town(s) (aggregate) served by a public water system can petition to the town that owns the water system. The bill would change that language to 20 percent of ballots cast in all of the towns served by a public water system at the last regular municipal election. The purpose of this legislation is to address the use of fluoride.

Our first mailing to Legislative Program subscribers will be in the middle of December. There is still time to join NHWWA's Legislative Program for 2016. By joining the program you will receive the most up-to-date information available on drinking water related legislation and rule-making, including bills, scheduling of public hearings, amendments and a monthly status report as the bills make their way through the House of Representatives and the Senate. The cost of subscribing to the program has remained the same for the past 24 years. For utility members the cost is \$.10 per service connection (a minimum of \$100 for very small systems), or a flat \$250 for non-utility members.

For additional information, please contact the NHWWA office at (603) 415-3959 or nhwwa@worldpath.net.



NHWWA Legislative Committee:

David Paris

John Boisvert, Pennichuck Water Works

Carl McMorran, Aquarion Water Company

Philip Bilodeau, Concord General Services Dept.

Brian Goetz, City of Portsmouth

Steve Del Deo, Legislative Agent

2015 Trade Show/Expo Draws a Crowd

NHWWA's 2015 Trade Show/Expo held on October 28 at the Grappone Center in Concord was a huge success. With 57 exhibitors and 17 technical sessions, the expo provided something for everyone.

NHWWA greatly appreciates the work of so many volunteers who helped make the Expo so successful. Thanks to the room monitors, registration folks, and prize booth volunteers. We also wholeheartedly thank the exhibitors, coffee and room sponsors, and speakers. And last but not least thanks to Patricia Beavers, Trade Show/Expo Coordinator, for her tireless work in organizing this grand event.

NHWWA's 2016 Trade Show/Expo has been scheduled for Wednesday, October 26, 2016. Additional space has been reserved for the 2016 event to accommodate for the increasing number of attendees wanting to attend high quality seminars. So mark your calendar for October 26, 2016.



Jeffrey Simone of Accuworx provided a technical session on how air knifing utilizes directed air and vacuum to excavate and evacuate soils. His presentation included a "show-and-tell" with the air knifing utility truck during the 2015 Trade Show.



NHWWA wishes to thank the following members and companies for their support of the 2015 Trade Show.

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2016 Drinking Water Festival and State Science Fair to be held in Dover

The 2016 Drinking Water Festival will be held on Wednesday, May 4, 2016 at Henry Law Park in downtown Dover. The NH Drinking Water Coalition is working with Dover Public Works and the NH Children's Museum to present a spectacular event for Dover's 4th graders. The festival which features water related activities and exhibits is moved around to a different part of the state each year. The final judging of the statewide Drinking Water Science Fair is also held at the festival.

The Coalition counts on many people to make each festival a success. Participants contribute their time as presenters, exhibitors, and logistical volunteers. Others donate prizes for the science fair winners and provide financial support to cover festival expenses.

For more information contact Lara Hooper at lara.hooper@des.nh.gov or (603) 271-4071.

NHWWA Calendar of Events

Here are NHWWA's winter/spring 2016 events:

When	What	Where
Jan. 6 through March 9	Operator Basics Course - meets weekly	Concord
Jan 14	Operator Training	Madbury
Jan. 21	NHWWA/NEWWA Joint Meeting	Nashua
March 30	Operator Training	Portsmouth
April 12 & 13	Advanced Distribution	Dover
April 21	Technical Meeting	TBA

Also view upcoming meetings and events at NHWWA's website at www.nhwwa.org.

Our Members Overseas:

Hydrogeologist searches for groundwater sources in Thailand

Gene Schragger, Senior Hydrogeologist of GS Environmental and Groundwater Associates, Inc. (GS Environmental) recently returned from Thailand where he was retained by Water Resources Engineering, Inc. to locate and develop groundwater sources for Nestles of Thailand. His work was focused on the region north of Bangkok due to demand and projected population growth. Often-times bottled water is the only available potable water that residents of some parts of Thailand have access to.

Nestle required yields of greater than 200 gpm, with low levels of total dissolved solids less than 300 mg/l, total hardness less than 100 mg/l, and fluoride concentrations less than 0.7 mg/l. In Thailand high levels of TDS and hardness are usually associated with calcium carbonate materials. They are associated with limestone, the most common bedrock material in Thailand. High fluoride levels are generally associated with geothermal activity. Other criteria for site development included areas having a low risk of earthquakes and flooding. Flooding, especially, is a major issue in Thailand. For most of the study, Gene obtained hydrogeological data from the Thailand Groundwater Base, which in this region included 6,718 records comprised of well logs from schools, Buddhist temples, and public (towns and cities) groundwater supplies. By using a combination of layered GIS technology, hydrogeology, geochemistry, statistics, and coupled with graphical analyses, the data set reduced possibilities to 17 favorable locations where extensive site investigations were performed. Once land acquisitions or lease agreements were complete, 2-D resistivity geophysical techniques were employed to locate the most promising groundwater production zones. Then a test well was drilled using the mud-rotary drilling method. It is not uncommon to drill unconsolidated deposits to more than 1,000 feet. Following the drilling, borehole geophysical electrical logging (E-logging) was performed to compliment the surface geophysical information. Well screens were then set in the most favorable/productive zones based on the E-log analyses and results.

Thank you to the following for contributing to this newsletter:

Gene Schragger, GS Environmental and Groundwater Associates, Inc.

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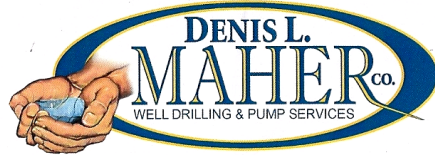
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