NHWWA

NH WATER WORKS ASSOCIATION

Journal

Volume 1, Spring 2022

New pumps at the Bowman Place station, Bedford, NH.

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NHWWA
NH WATER WORKS ASSOCIATION

JOURNAL

Volume 1, Spring 2022

Contents

SAVE THE DATES

Construction Day—August 3, 2022, Details coming soon!

NH Drinking Water Expo & Trade Show—October 20, 2022, Grappone Center, Concord.

For a complete list of our events please visit our website at nhwwa.org.

Go to NHWWA.org/About Us for the electronic version of the Journal with active links.

New Hampshire Water Works Association
Board of Directors and Staff

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Susan Kowalski, Office Manager

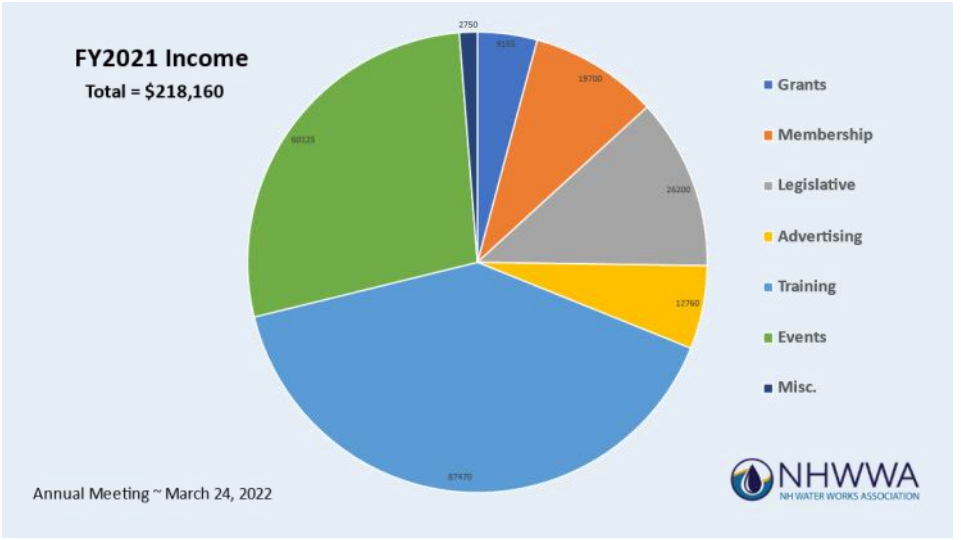
NHWWA PAST PRESIDENTS/CHAIRS

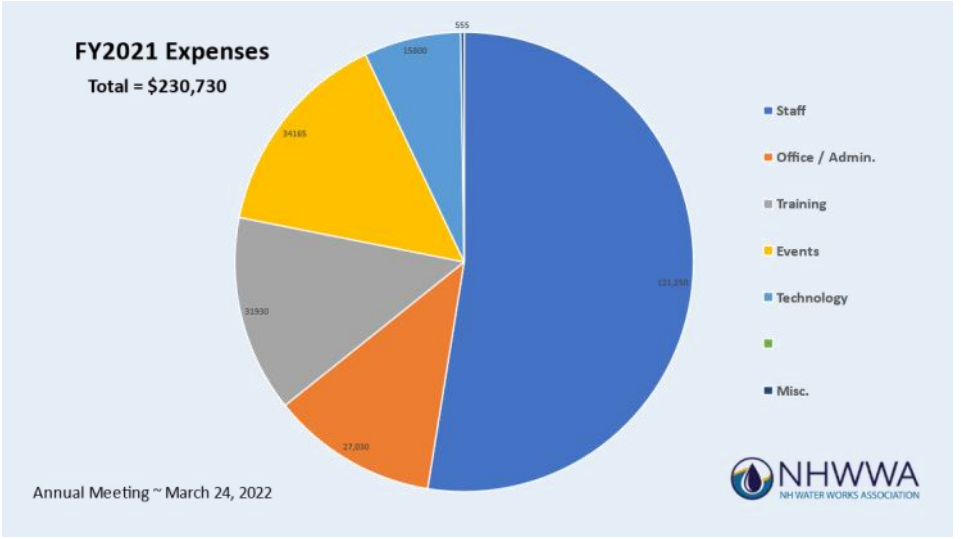
NEW HAMPSHIRE WATER WORKS ASSOCIATION
18 N. Main St., Suite 308, Concord, NH 03301
info@nhwwa.org | www.nhwwa.org
(603) 415-3959

2021 Annual Report

2021 was an important and transitional year for your Association. The systems, individuals, and companies we serve; a strong and engaged Board of Directors; and excellent Instructors, volunteers and staff contributed to make us the leading advocate for public drinking water in New Hampshire. Some key accomplishments include:

- Training. Our top-notch Instructors and presenters provided 5,204 hours of technical training to 1,174 students in 28 classes, returning to pre-COVID levels. We learned how to blend in-person and Web-based formats and renewed the NHDES contract that makes entry-level Operator and very small system training extremely affordable. Special thanks to the core of our professional team, Marco Philippon, Ian Rohrbacher, Don Bunker, and Jason Smith.
- Workforce development. To address this critical and strategic need, we explored and expanded partnerships, identified worker pools, and created recruiting materials. The NHWWA Young Professionals continued to build momentum with outreach, presentations, and networking events that were increasingly well attended. Kudus to YP Chair and NHWWA Director Trish Kelliher and her team for their dedication and enthusiasm!
- Communications. Better informing and engaging public water customers about supporting water workers, infrastructure and policy is the best way to impact our sector's critical needs. In 2021 we revised our website and logo, shifted to electronic Newsletters and full-color Journals, and established weekly emails to over 2,000 Operators and water professionals.
- Legislative advocacy. State-level policy drives regulatory requirements that govern our operations. Being recognized as a trusted and informed representative of the sector is a critical goal. During 2021, legislative hearing procedures began to return to pre-COVID conditions. We tracked and testified to several bills and engaged with partner Associations to effectively


FY2021 Income
Total = $218,160
2750
19700
26200
12760
87470
60125
Grants
Membership
Legislative
Advertising
Training
Events
Misc.
NHWWA
NH WATER WORKS ASSOCIATION
Annual Meeting ~ March 24, 2022


FY2021 Expenses
Total = $230,730
555
15800
34165
31930
27,030
Staff
Office / Admin.
Training
Events
Technology
Misc.
NHWWA
NH WATER WORKS ASSOCIATION
Annual Meeting ~ March 24, 2022

support increased water worker recognition (SB325) and State Aid Grants (HB398 and HB412).

- Governance. Good governance is at the heart of a vibrant, effective, and ethical organization. In 2021 we completed a major Bylaws revision to include explicit roles and responsibilities for Directors, staff and Committees that aligned with our mission and 2020 Strategic Plan.
- Budget. Fiscal sustainability is necessary to deliver on our promises, and in FY2021 we essentially met our projected budget (~99% if include late-2021 $10k receivable). See following charts that illustrate principal FY2021 revenues and expenses.

Looking ahead to FY2022, we are focusing on the following initiatives:

- Training. Develop Grade-specific training (including Grade 2 and Grade 3+ Leadership Roundtables), update curricula to improve certification exam success rates, and increase our instructor pool.
- Workforce. Build partnerships with key players to develop a coordinated approach that makes it easier for new and advancing workers to chart and follow a drinking water career path. Increase our training capacity by 30% - 50% to meet anticipated need for new and advancing workers. Establish a mentorship culture that supports worker succession.
- Communications. Raise public awareness and engagement to better support worker recruitment, local water rates, and public opinion and advocacy. Initiatives in addition to 2021 include the NH Municipal Association “Win with Water!” partnership, implementing our NHDES Source Water Protection grant project, and targeted emails.
- Advocacy. Continue to advocate for science-based regulations and established procedures vs. regulation by legislation. Build our position as a leader in NHDES rule revisions and policy

review.

- Governance. Implement revised Bylaws, including mindful changes to prior traditions. We are pleased to announce the commitment of three new Directors to help us continue to advance the Association: Mike Metcalf, Abby Fopiano, and Scott Kelly bring talent, ideas, and experience to our leadership team. We will continue to recruit and retain qualified Directors and volunteers and strive for a sustainable organizational culture aligned with our mission and 2020 Strategic Plan.
- Budget. Our goal is to meet our modest, break-even Budget and to maintain at least 6 months of Operating reserve. Please help us serve you better by becoming an Association Supporter at your most meaningful level.

Thank you for your support during 2021. Please let us know how we can best serve your needs and challenges.

Boyd Smith
President and CEO
NH Water Works Association

Welcome New Directors!

The Association is very pleased to welcome three new highly qualified, committed, and motivated industry leaders to our strong Board of Directors. Please join us in welcoming Mike Metcalf, PE, Abby Fopiano, PG, and Scott Kelley to our leadership team.

See all Director, Staff and Instructor bios at Staff & Board - New Hampshire Water Works Association (nhwwa.org).

Water Works Operator Certifications in 2021

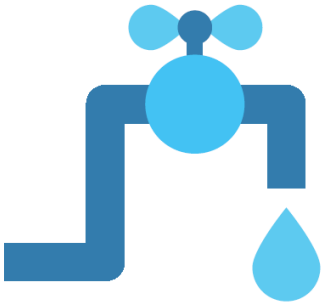
The following operators were newly certified by examination or reciprocity, or advanced in their Treatment and/or Distribution grade licenses in 2021. CONGRATULATIONS OPERATORS!

LICENSED OPERATOR		TREATMENT GRADE	DISTRIBUTION GRADE
JOHN	ALESSANDRO	II	
TIMOTHY	ALLEN	IA	IA
ZACKARY	ANDERSEN	I	I
MAURA	ANDERSON		I
STEPHEN	BAERT	IA	IA
SIMON	BARRETT	IA	IA
NORMAN	BERGERON	IA	IA
DAVID	BERGSTROM	IA	IA
ADAM	BERTRAND	III	
ROBERT	BODWELL	IA	IA
JOE	BONNER	IA	IA
JOSEPH	BROTHER	IA	IA
RICKY	BROWN		II
VINCENT	BROWN	IA	IA
JAMES	BROWN	IA	IA
MARK	BROWN	IA	IA
JACOB	BUELL		I
ROBERT	BURAS	IV	III
MASON	CACERES	II	
JAMES	CARNELL-KAPISE		I
DOMENIC	CASTALDI III		I
IAN	CHASE	II	
STEVEN	CHERVINCKY	II	
JOHN	CIABURRI	I	I
GEORGE	CORREIA	IA	IA
JEFFREY	COTE	IA	IA
FRANKLIN	CRONKITE	IV	
JASON	DARLING		I
JOSHUA	DAVIS	II	II
THOMAS	DECOWSKI	I	

LICENSED OPERATOR		TREATMENT GRADE	DISTRIBUTION GRADE
DAVID	DIMATTEO	IA	IA
SEAN	DONOHOE	II	II
BRIAN	DONOHUE		I
STEPHEN	DONOVAN	II	IV
ROBERT	DOSWELL	I	I
JAMES	DUNN	IA	IA
STEPHEN	DUPHILY	IA	IA
MELISSA	ESQUIVEL	I	
KYLE	FALL		II
RICHARD	FERNALD	II	
JONATHAN	FORBES	I	I
DANIEL	FRENCH	IA	IA
JACOB	FRIEDENBERG	IA	IA
JOHN	GARCIA	IA	IA
ROBERT	GARRANT	I	I
JONATHAN	GIRARD		I
QUINTEN	GLIDDEN	II	
BRIAN	GOLEC	III	
PHILLIP	GOSSEL	IA	IA
MATTHEW	GREGOIRE		I
DAVID	GRIFFITHS II	I	I
MICHAEL	HOAGE		I
JACOB	HOWE	I	I
DARWIN	HURLBERT		I
THOMAS	JARDIN	IA	IA
JOYCE	JARDIN	IA	IA
CHAD	JOHNSON	IA	IA
TYLER	JONES	IA	IA
MARK	KIESSLING	IA	IA
TRAVIS	KOMM		I
DENNIS	LABBY	I	I
KAYLA	LAMSON	IA	IA
TOM	LEPPANEN	IA	IA
AMY	LEWIS	III	III
DYLAN	LUTKUS	IA	IA
KRISTOFER	MACLEAN	IA	IA

LICENSED OPERATOR		TREATMENT GRADE	DISTRIBUTION GRADE
BRANDI	MADDEN	I	
TYLER	MADORE		I
PAUL	MALIZIA	IA	IA
ALAN	MANDIGO	I	
JOSEPH	MARCH	IA	IA
MARC	MARTEL		II
ANDERSON	MAURA		I
LIAM	MCCANN	IA	IA
PATRICK	MCCARTHY	IA	IA
ALEXANDER	MELLEN	I	I
JASON	METIVIER		I
LESIA	MONAHAN	IA	IA
ANDREW	MYERS	IA	IA
MARK	NELSON	II	I
JEREMIAH	NICHOLS	I	
PATRICK	NOSEL	IA	IA
MATTHEW	OLIVER	IA	IA
STEPHEN	PASCOE	IA	IA
DOUGLAS	PILCHER	I	I
RACHEL	PLUCHINO	IA	IA
ALBERT	PRATT		III
DOUGLAS	PROULX	II	
PAUL	PROVOST	I	II
BOISVERT	RANDY		II
RICHARD	REINE	II	
CRYSTAL	ROBBINS	IA	IA
GABRIEL	ROBERTS	IA	IA
FRANK	ROBERTS	IA	IA
SLOAN	ROGERS	I	I
JOSHUA	RUEL	I	
CALEB	SCHAG	I	
KEVIN	SHELTON	I	I
MICHAEL	SKOLONES	IA	IA
MATTHEW	SMALL	IA	IA
BOYD	SMITH	IA	IA
JARED	SMITH	IA	IA

LICENSED OPERATOR		TREATMENT GRADE	DISTRIBUTION GRADE
MARCEE	SOUTHER		I
DOUGLAS	SPARKS		II
KYLE	ST PIERRE		III
DANIEL	STEAGALD	II	II
CHENEY	STEVEN	IV	I
AARON	STUART	IA	IA
DALE	THAYER	IA	IA
JOSHUA	THOMAS	III	
MICHAEL	THOMAS	I	I
ALETTA	TIBBETTS	IA	IA
GREGORY	VAILLANCOURT	I	I
DOMINIC	VISCARIELLO	I	
MARK	VOTTO	II	I
DONALD	WATSON	I	
MICHAEL	WEBSTER		I
SARAH	WERNER	I	
JONATHAN	WETZEL		I
ROBERT	WITHAM		I
SCOTT	WITKOWSKI		II
MEADOW	WOTTON	IA	IA
JEFFREY	YOUNG		II



CONGRATULATIONS WATER OPERATORS!!

Bowman Place at Olde Bedford, Bedford, NH

A New State of the Art Water Booster Station

Bruce W. Lewis, P.E.

Lewis Engineering, PLLC

Introduction

Bowman Place at Olde Bedford is a new 3-Story, 95,000 square foot, non-profit assisted living community. It is situated on 16 acres in the historic section of Bedford. The facility opened in March 2021 offering 69 assisted living apartments and 36 award winning memory care apartments. The facility has many amenities including gourmet meals, laundry services, workout room and personal care. It is centrally located within the greater Manchester area.

Water is provided to this portion of Bedford by the Manchester Water Works (MWW). The key challenge to be met was that while MWW has a sufficient volume of water to supply domestic water and fire protection to this campus community, water pressure was not going to be sufficient. This is due to the site elevations on the property. Water pressure had to be increased to provide reliable water service to this new community. A second challenge was to be able to provide sufficient water for domestic plus fire protection requirements, while ensuring that water pressure in the MWW system does not fall below 20 psi.

TF Moran of Bedford, the general site civil engineer, contacted Lewis Engineering of Litchfield to work with the project's design team on the

water supply. This included evaluating the hydraulics within the MWW system and providing the design for a new state of the art water booster station, water distribution coming into the station, and pressurized water distribution for domestic use and fire protection. Fire protection includes fire hydrants and an automatic fire sprinkler system for the community.

Mr. Eldon Munson, Jr., was the overall Project Manager for the Senior Living of Bedford, a 501C-3 non-profit. EGA Architects of Newburyport MA. designed the facility, and Eckman Construction of Bedford was the project's general contractor.

Pennichuck Water Service Company of Nashua was retained for certified operations services for the water facilities. PWSC provides normal and routine monitoring of the station and has 24/7 on-call service.

As part of the overall approval process, all waterworks design items were reviewed by MWW, DWGB, and the Town Fire Department. This system is regulated as a Privately Owned Re-distribution System (PORS). It is noted that all water main coming into the booster station, the station itself, and all water main from the station serving the campus is privately owned, operated, and maintained by Bowman Place at Olde Bedford.

Overview Station Design Summary

The 704 square foot booster station is located at 24 Old Bedford Road, in Bedford. The station has a pump room, and a separate room for the Standby Generator set. The campus with the station is located on the west side of Old Bedford Road. It was designed, installed, and operates in accordance with the approved plans under NHDES – DWGB Design Standards.

This is a 32'Lx22'W split-faced concrete block fireproof building with a frost wall foundation and a 6" floor slab. There is an energy efficient truss roof with fiberglass insulation. The gable ends have vinyl siding. In the Pump Room, the building's ceiling is 1-hour fire rated sheetrock, and the generator's room has a 2-hour fire rated sheetrock ceiling. The

Bowman Place Booster Station (exterior).

door into the generator room is fire rated UL – 90 minutes. Pumping equipment and electrical controls are located in one room. The pump room has two manually operated venting louvers. The generator is in the second room.

The generator room houses a 125 KW, 400 A, 208/120V-3-Phase, natural gas-powered, standby generator set. The generator has an insulated critical silence muffler exhaust, and an automatic motor-controlled air inlet louver, with a gravity exhaust louver in front of the radiator. The generator's fan is a "pusher" type. There is a generator monitor with an Emergency Stop switch in the Pump Room. It automatically exercises once per week.

All station lighting is LED. The primary heat in the pump room is wall mounted natural gas 38K Btu/hr. heater with a thermostat and fan. There are two back up electrical heaters. The generator room also has an electric heater.

The Eversource utility electrical service for the station is 400 A, 208/120V-3-Phase. Inside the station there is a generator monitoring annunicator with an Emergency Shut Off switch. Utility power runs

into a 400 A Station Disconnect Switch, and then into the Automatic Transfer Switch. The ATS provides emergency power from the generator into the station during a power failure. Normal operation has the Eversource utility power feeding through the ATS into a 400 A Circuit Breaker panel. Power is fed into the station's Automatic Control Panel, which houses the pump's VFD's, a programmable logic controller (PLC), a Generating Solutions GS-300 cell telephone based remote terminal unit (RTU) with a password protected secure web portal. Power is also distributed through the CB panel to the interior and exterior electrical components including back-up heaters, each on a separate circuit, the gas heater, a dehumidifier, moisture and dust-resistant LED interior and exterior lights, and outlets. There is a fire alarm circuit between the Pump House's heat / smoke detectors and the Building's Master Fire Alarm Panel.

The MWW's distribution system was e valuated through on site hydrant flow testing, and also through MWW's hydraulic water distribution system model. The results indicated that sufficient flow could be provided onto the site, while maintaining 20+ psi in MWW's water main on Olde Bedford Way. It was also concluded that by installing a 12" diameter ductile iron pipe (DIP) water main from MWW's existing 12" water main on Olde Bedford Way, running cross country into the station that the incoming pressure to the station would be able to be maintained at a minimum of 10 – 15 psi under fire flow conditions. Furthermore, it

125 KW Standby Gas Generator

Generator ATS, Electrical Controls and Automatic Control Panel

was determined that all additional water main on the campus should be 8" DIP. All materials used met MWW's standards.

Three fire hydrants are located on the property. Two additional hydrants are located on each side of the booster station to allow the Fire Department to pump around the station in an extreme emergency situation. The hydrant on the suction side of the station is labeled "Not for Use", as the pressure coming into the station normally runs 20 - 24 psi. During fire flow pumping, up to 1,100 gpm, suction pressure drops to 15 – 17 psi. This design allowed the pressure in MWW's water main remains at 20+ psi under all station flow conditions. Using the programmable logic controller (PLC) based control system, discharge pressure from the station over the entire range of flows is maintained at 84-86 psi. Normal day to day water pressure inside the three-story building is maintained at 60 – 70 psi.

Station Automatic Operation

1. The domestic service water booster pumps are Franklin vertical turbine type models. These two pumps are each 10 h.p. with VFD's. The domestic pumps are each rated at 110 gpm at 210' TDH. These pumps are called "On and Off" based on pressure (lead pump) and flow (lag pump). These pumps alternate after each cycle. Normally, one pump runs at a time.
2. The High Flow water booster pumps are Franklin vertical turbine type models. These three pumps are each 30 h.p. with VFD's. They are available for higher and fire flows. These pumps are each rated at 380 gpm at 210' TDH. These pumps are all called "On and Off" based on flow. They also alternate lead position after each cycle. The pumps are programmed with an automatic exercise cycle, where each pump starts and runs for 20 minutes per week, one following the other. This total exercise cycle takes 1-hour. During these exercise cycles, there is no adverse effect on the station or system pressure, as they rotate only as fast as needed, along with the lead domestic pump, to maintain the pressure set point. The PLC also uses a pressure control loop (PID – proportional integral controller) as a back-up that will control all booster pumps through pressure only. There is a second PID loop used to slow the pumps down through the VFD's, in order to maintain a minimum incoming station suction pressure. Slowing the pumps down is a safety feature. The station can provide a 1,100-gpm rate of flow with the largest pump out of service, while still maintaining adequate discharge pressure.
3. The operations of all booster pumps are controlled using Allen-Bradley variable frequency drives (VFD's) with each of the motors. There are no simultaneous starts allowed, with time delays on starts and stops for each pump. The VFD's also automatically limit electrical current coming into each motor. No motor can draw more than the full load current (FLC) on the motor nameplate. In this case, a 30 HP is the largest pump with a

Station Pumps 2@10 H.P. & 3@30 H.P.

FLC 92 amps at 208 volts – 3-Phase power. There is no in-rush current required.

4. As pressure in the station drops, the usual and normal station operation will have the lead domestic pump start and run. This lead pump runs to maintain the 85+/- psi discharge pressure over a 0 – 100 gpm flow rate. Discharge Pressure is maintained via the VFD. As flow increases, the lag domestic pump will start and run, based on flow leaving the station from 100 – 220 gpm. If flow demand increases further, the lead 30 hp pump will start and run with the other two starting sequentially. These 3 high flow pumps provide flow from 220 – 600 gpm; 580 – 800 gpm; and 780 – 1,160+/- gpm.
5. The station is programmed so that the incoming suction pressure will always be >10 psi. This maintains MWW's distribution

system at 20+ psi. The anticipated usual day to day suction pressure inside the station will be 20 – 24+/- psi. If station suction pressure drops too low, the VFD's will automatically slow down the pumps via the PID control loop that monitors suction pressure inside the station. This is a safety measure so that the pumps do not run off their curves, creating potential overcurrent issues, or creating too low pressure in MWW's water distribution system.

6. The station is designed so that with the largest pump out of service for repairs, a fire flow plus domestic demand of 1,100 gpm will still be available to the campus service area that the booster station is pressurizing.

7. There is a master water meter used for the station controls. This is a 6" Badger Magnetic flow meter, measuring in gallons. This meter has a flow range of 8 – 3,300 gpm and transmits a 4-20 m.a. flow signal to the PCL. This is not designed to be a revenue

Station 6" Badger M2000 Mag. Meter with 2" Bypass

meter. The meter does record all flow through the station but is primarily used to start and stop additional booster pumps, as needed, to keep a constant discharge pressure over a wide range of flow (0-1,100 gpm). There are two 119-gallon pre-charged pressure tanks that are used to allow all pumps to be "OFF" during low demand / no flow periods.

8. The control panel in the station is a R.E. Prescott (REPCO) custom UL-508 panel meeting DWGB and water works standards for parts and operations. This panel utilizes an Allen Bradley programmable logic controller (PLC) allowing fully automatic controls. Allen Bradley VFD's are installed for all pump motors. The control panel has individual H-O-A switches with potentiometers. These allow speed adjustment of the pumps when the switch is in the Hand (H) position. There are electronic time clocks for the pumps and a door mounted 8" EA7-T8C touch screen on the door. This is the Operator Interface Unit – (OIU). A cellular telephone / secure web-based remote terminal unit – RTU device is included with the controls. This is a Generating Solutions GS-300 monitoring / alarm system and is installed as part of the REPCO automatic control panel. Heat / Smoke alarming is provided in the station and is hard wired into the building's Master Fire Alarm panel.
9. The PLC programming allows boosters to shut down during low flow / fully pressurized conditions. This is done in conjunction with the twin pre-charged pressure tanks. Boosters will normally run to keep a constant discharge pressure of 85+/- psi over a 0 – 1,100 gpm range of flow.

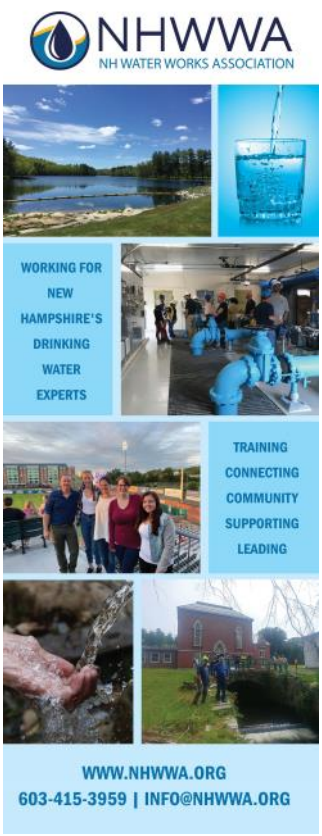
Conclusion

Given a closely coordinated planning and development of design items as well as construction and start-up, the station was completed on schedule in a manner satisfactory to all parties. This allowed the

facility to open on time. The station will provide long term satisfactory water service to this community.

The most challenging parts of this project were to be able to work closely with the development design and construction team, MWW, and the Town given the hydraulic constraints of the site. Also, to be able to positively meet the requirements of providing a wide range of flow as required, while maintaining a constant pressure to this new assisted care community in Bedford.

Bruce W. Lewis, P.E. *is the Manager of Lewis Engineering, PLLC. The Company Offices are located in Litchfield, NH. Over the course of his career, for more than 45 years, Mr. Lewis has been affiliated with a broad range of water works engineering, operation, and construction projects. He is currently semi-retired and may be contacted by e-mail at lewis.h2o@comcast.net, or by telephone at 603-886-4985.*



Advancing Diversity in the Water Workforce

Tuesday, May 17, 2022
8:30 AM—3:00 PM
Bank of NH Stage, Concord, NH
$80 NHWWA Members
$100 Not-yet Members
5 TCHs

Plan to join us for this special training being held at a unique venue. Registration is limited. Continental breakfast and lunch provided. Register today! Advancing Diversity in the Water Workforce - New Hampshire Water Works Association (nhwwa.org)

WIN WITH WATER!

Drinking Water - A Local and Beneficial Resource

In New Hampshire, public water is a very local affair, and your involvement is a great way to enhance your personal wellbeing and community connections. This article demonstrates public water's local nature, and how being involved with your water system can be as refreshing as a cold drink on a hot day.

Water sources are local. Whether a pond, lake, or stream, or that field along the river where your wells are located, most towns own the land that contains their water source. The professionals will say "no water, no treatment". Maintaining and protecting our source water is the most crucial step to ensure an adequate, safe, and economical supply.

Over the upcoming year NH Water Works Association will be working with a municipality interested in ways to communicate and implement effective source water protection policy. We look forward to sharing the results of this project so other towns can add to their protective efforts.

Water systems are local. Water treatment plants, where source water is tested and treated to meet our needs, are almost always located within the towns they serve. The network of pipes, valves and hydrants used to deliver drinking water to customers is in-the-ground local. Water systems are either stand-alone or managed under the Public Works Department, and governed by elected officials and ultimately, town residents.

Water Workers are local. Most likely, the people that produce, treat, and deliver your water are also your neighbors and fellow citizens. They tend to be modest, hardworking, dedicated, and very good at what they do. Thus, they can be as "hidden" as the infrastructure they operate. You may see them in the summer installing new piping along a road, or any time of year, day or night, repairing a broken water

main. Give them a smile and a wave as you go by (and plenty of room for safety).

Water consumers are local. Most water systems serve town centers, although larger systems can extend for miles, even to neighboring communities. Roughly 700,000 NH residents use public water, delivered by over 2,000 regulated systems. Nationwide, drinking and wastewater infrastructure contributes 20% of our economic growth and is considered one of the greatest public health benefits of the 20th century.

Your tap water has come a long way through many processes and people to make it safe and affordable. Public drinking water binds our communities in essential, critical, and hidden ways. Can you imagine a day (or more) without water?

Taking an active stewardship role in your communities' water system is uplifting and rewarding, as seemingly overwhelming factors have made community connections even more important. Scrambling to pay bills, caring for your family, being pressed by the threats and uncertainty of COVID, and the beating drum of dissidence and strife in the news erode our sense of trust and wellbeing. Actively caring for each other – our families, friends, and neighbors – relieves these stresses and builds a shared sense of strength and purpose.

It is easy to have a meaningful role in your local water system. Consider the following ways to become an active water steward:

- Contact your Water Department to learn where your water comes from.
- Advocate for local land use rules that protect your water source.
- Support equitable water rates that ensure your expected level of service, including both infrastructure investments and staffing needs.
- Consider a Great Career for Great People in the drinking water industry!

We wish you good fortune in being part of the system that provides your town with clean, safe, and affordable water. Please contact Boyd Smith, President and CEO of the NH Water Works Association if you have any questions about water stewardship in your community.

DIRECTORY OF MANUFACTURERS

COMPANY	CONTACT(S)	Chemical Feed	Controls	Fittings	Hydrants / Boxes	Meters / Gauges	Monitoring / Testing	Pipes / Couplings	Pumps	PWS Operators	Supplies	Tanks / Reservoirs	Tools	Treatment	Valves / Boxes	Water Testing	Wells
BARRETT ELECTRIC CO., INC. 34 Lock Road, Unit 2 Concord, NH 03301 www.barrettelectricnh.com	Chris Barrett 603-223-5004		X														
BAU/HOPKINS 310 South Street Plainville, MA 02762 www.bauhopkins.com	Bob Hopkins Gene Weeks 800-733-1860	X	X				X		X					X			
E. J. PRESCOTT, INC. 210 Sheep Davis Road Concord, NH 03302-0337 www.ejprescott.com	Kyle Rousseau 603-224-9545	X	X	X	X	X	X	X	X		X		X		X		
EPPING WELL & PUMP CO., INC. 337 Calef Highway (Rte. 125) Epping, NH 03042 www.eppingwell.com	Henry DeBoer 603-679-5299	X	X			X			X	X		X	X	X	X	X	X
MAHER SERVICES 71 Concord St. North Reading, MA 01864 www.maherserv.com	Peter Maher 978-664-9355 (F) 978-664-9356								X								X
SMITH PUMP CO., INC. 48 Londonderry Turnpike Hooksett, NH 03106 www.smithpumpnh.com	Jack Porter Steve Smith 603-669-9119		X						X				X		X		X
STATEWIDE AQUASTORE, INC. 6010 Drott Drive East Syracuse, NY 13057 www.besttank.com	Annie Wheeler 315-433-2782											X					
STILES CO., INC. 922 Pleasant St. Norwood, MA 02062 www.stilesco.com	Ian Kasowitz 781-769-2400	X		X	X	X	X	X	X		X		X		X		
STONKUS HYDRAULICS 166 Lakeshore Drive Blackstone, MA 01504 www.stonkus.com	Brian Stonkus 508-966-3844		X			X	X								X		
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ADVERTISING RATES—2022

JOURNAL ADVERTISING - two Issues per year. [Mailed to 350 supporters and posted online.]

	Cover Page	Full Page	½ Page	¼ Page	Business Card	Directory
Space Size	4.5" X 7.5"	4.5" X 7.5"	4.5" X 3.75"	4.5" X 1.7"	2.25" x 1"	Listing*
Cost / Year	$400.00	$300.00	$175.00	$150.00	$100.00	$100.00

Printed in color. The online version has embedded links to advertisers' websites.

* The Directory of Manufacturers Listing includes the company's name, address, phone number, website, up to three representatives, and product listing.

Deadlines: Volume I - April 1 | Volume II - September 1

NEWSLETTER ADVERTISING - three Issues per year. [Emailed to over 2,000 supporters and posted online.]

Ad size: 2.5" x 1.75". $250/year

The Newsletter is electronic only. Ads have embedded links to advertisers' websites.

Deadlines: Winter - February 1 | Summer - June 1 | Fall - November 1

WEBSITE ADVERTISING

Medium Rectangle—200px X 200px $525/YEAR

Scrolling on the bottom of all pages. Ads will have imbedded links to the advertisers' websites.

DISCOUNTS

- 10% Discount for placing ads in both the Journal and Newsletter
- 10% Discount for placing an ad in one of the publications and on the website
- 20% Discount for placing ads in the Journal, Newsletter and on the website

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Have questions about advertising? Contact Sue Kowalski at info@nhwwa.org

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1970s CDM Smith laboratory *(below)*.

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