

New Hampshire's
INVESTMENT
in **WATER**
Infrastructure

**DRINKING WATER
STATE REVOLVING
FUND REPORT
2012**





Dear Reader,

Safe, affordable drinking water is critical to our health, economy, and excellent quality of life here in New Hampshire. Having safe drinking water requires ongoing investment in protecting the sources of water, treatment needed to meet health standards, storage tanks, and the pumps and pipes that deliver water and fire protection

to our homes and businesses.

The purpose of this report is to highlight the success of New Hampshire's Drinking Water State Revolving Fund (DWSRF), which has provided low interest loans and small grants to municipal and private water systems since 1997. The report highlights infrastructure projects that are ongoing or that were recently completed with the federal grants received in 2010 and 2011, which along with state contributions support the NH DWSRF. It also provides summary information on projects supported by grants provided in 2010 and 2011 and previously for source water protection, development of record drawings at small systems, and leak detection.

This report is the first of what will be routine reporting on the success of the DWSRF. In addition to celebrating progress, it will also highlight the importance of investing in improvements. Although the DWSRF has historically provided eight to ten million low-interest loan dollars annually, the need is estimated at \$85,000,000 per year, and access to this much capital through the DWSRF and other means is lacking. Necessary infrastructure improvements can only be achieved through a combination of increased access to capital, increased planning and efficiency, and raising water rates to levels that reflect true costs while remaining affordable.

Finally, I want to thank all the partners working towards delivering safe, affordable drinking water in New Hampshire. Chief among them are the owners and operators of our public water systems that are on the front line every day "making" safe drinking water for NH families and businesses.

Regards,

Sarah Pillsbury, Administrator
Drinking Water and groundwater Bureau

DRINKING WATER STATE REVOLVING FUND REPORT 2012

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R-WD -13-01

“The state’s SRF program is an integral part of our funding strategy. Without the SRF funds many of our critical infrastructure projects would be delayed or not completed.”

*~Peter Rice P.E., Public Works Director,
City of Portsmouth*

“Pennichuck has made use of SRF loan funds to complete numerous projects in some of our small Community Water Systems. SRF funds are a great source of low-cost capital, from the low issuance costs to the low interest rates.”

*~Donald Ware P.E., Chief Operating Officer,
Pennichuck Water Corporation*

“The SRF Program is a valuable source of funding to assist all water utilities in maintaining their capital infrastructure and in meeting the demands of system expansion. In particular NHDES’s approach in managing the program has been beneficial to the state’s numerous small community water systems that have lacked the resources to act on their own.”

*~Thomas Bowen P.E., Director,
Manchester Water Works*

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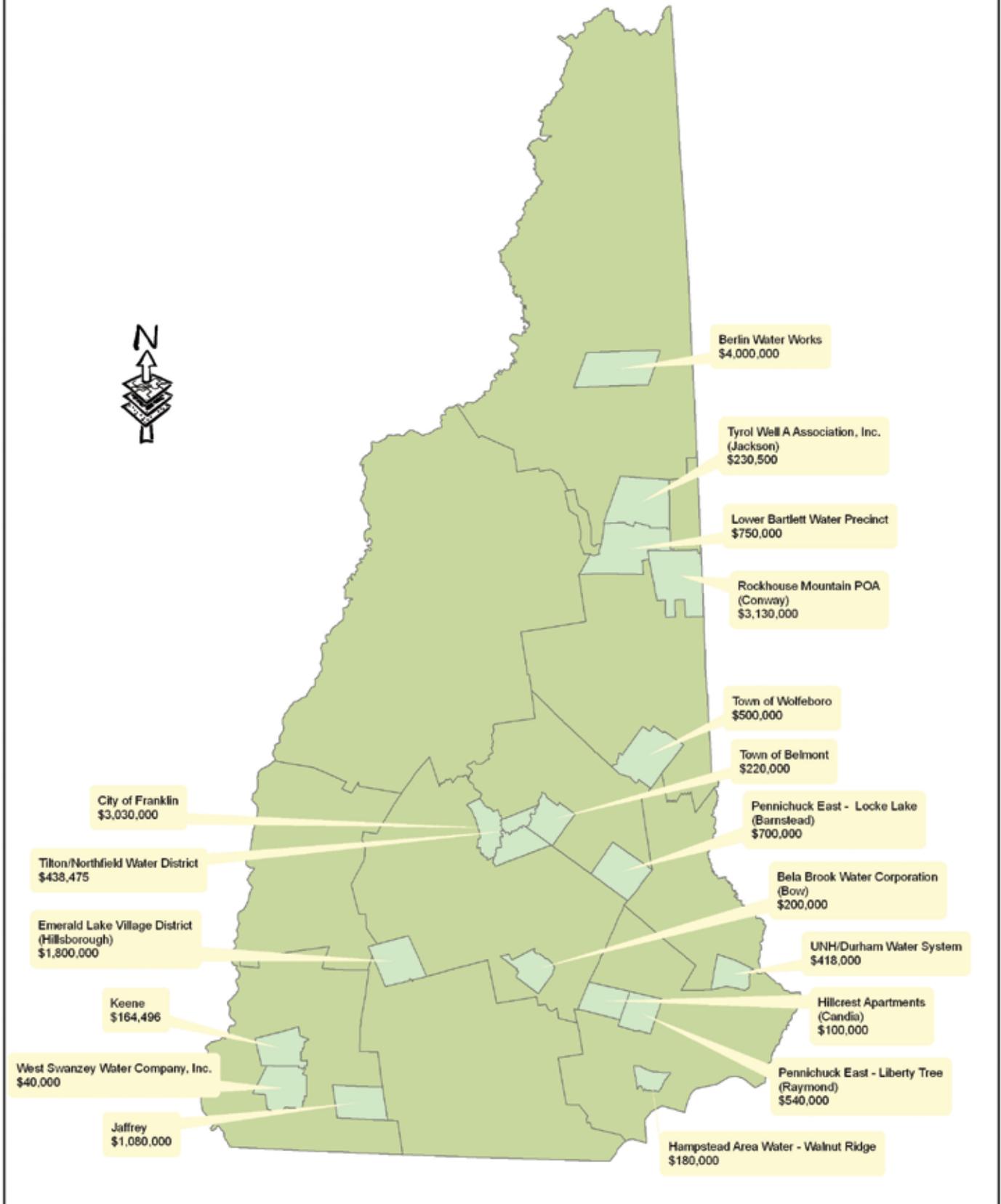
About the Drinking Water State Revolving Loan Fund

The 1996 Amendments to the Safe Drinking Water Act created a Drinking Water State Revolving Fund (DWSRF) to provide assistance in the form of low interest loans to public water systems to finance the cost of drinking water infrastructure. Public water systems eligible for this program include all community public water systems and non-transient non-profit public water systems. In addition, funds are used to promote proactive drinking water

measures such as source water protection, operator certification, small system technical assistance/capacity development, and program administration.

To date, DES has funded approximately \$159 million for drinking water infrastructure improvement projects. The primary types of projects funded by the DWSRF include replacement of aging water pipes and meters, installation of new wells, pumphouse and treatment system upgrades, and construction of storage tanks.

Public Water Systems receiving 2010 and 2011 DWSRF Construction Funding



2011 Construction Projects – At A Glance

WATER SYSTEM	COMMUNITY SERVED	DESCRIPTION	AMOUNT REQUESTED FROM DWSRF
Hampstead Area Water – Walnut Ridge	Walnut Ridge – Hampstead	Service Line Replacement	\$180,000
Pennichuck East – Locke Lake	Locke Lake – Barnstead	Water Main Replacement	\$400,000
Lower Bartlett Water Precinct	Lower Bartlett	Water Main Extension	\$750,000
Town of Belmont	Belmont Village	Water Main Replacement	\$220,000
Bela Brook Water Corporation	Bela Brook – Bow	Treatment, Source, Pumphouse Upgrade	\$200,000
Theresa Dube & Eugene Lonergan	Hillcrest Apartments – Candia	Pumphouse Upgrades	\$100,000
Conway Village Fire District	Conway Village	New Storage Tank, Water Mains	\$2,900,000
UNH/Durham Water System	University of NH, Durham	Water Meter Upgrade	\$418,000
Tyrol Well A Association, Inc.	Tyrol Well A – Jackson	New Water Supply	\$230,500
West Swanzey Water Company, Inc.	West Swanzey	Well Pump Rehabilitation	\$40,000
Town of Wolfeboro	Wolfeboro	Water Meter Upgrade Project	\$500,000

2010 Construction Projects – At A Glance

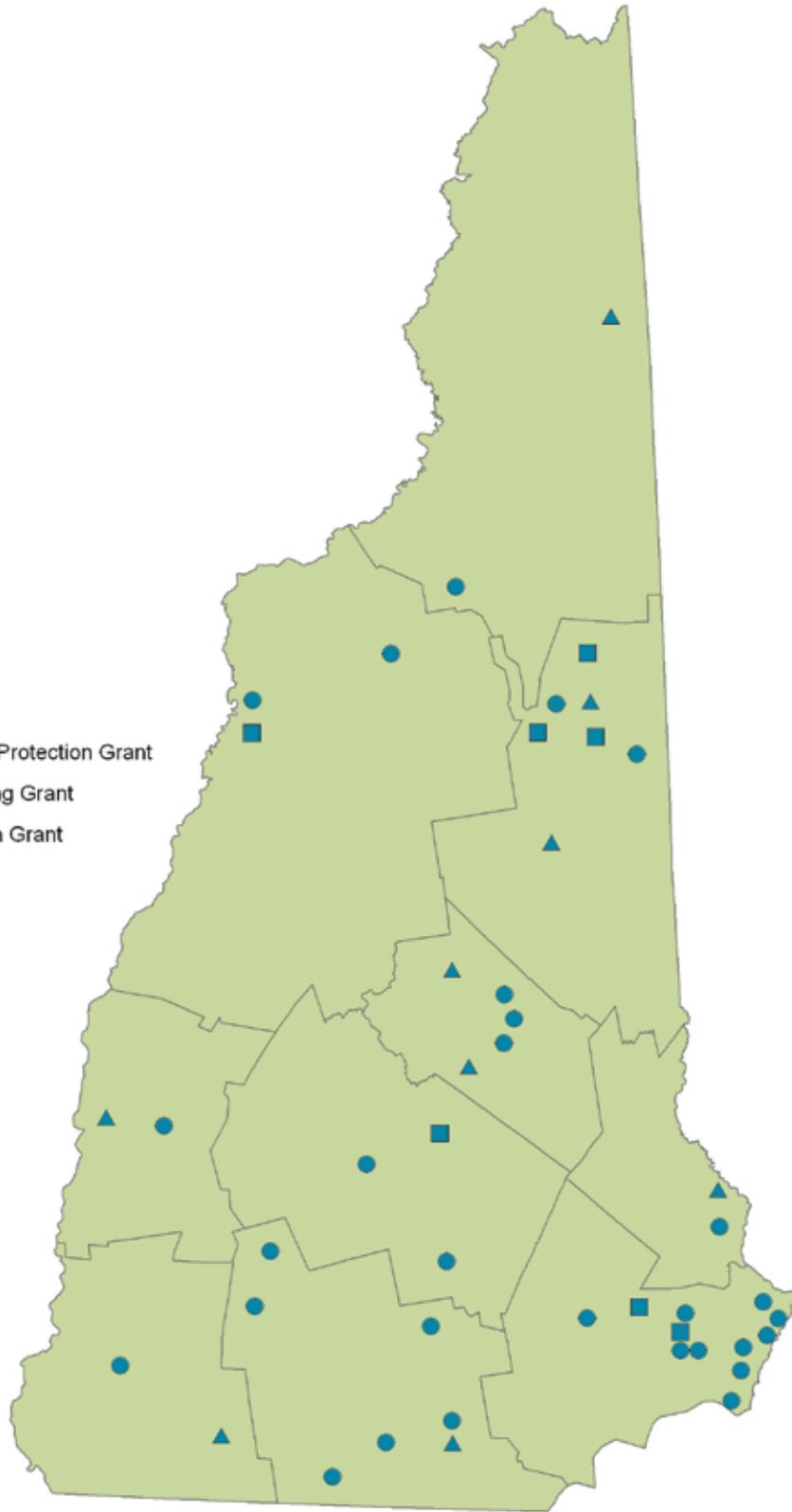
WATER SYSTEM	COMMUNITY SERVED	DESCRIPTION	AMOUNT REQUESTED FROM DWSRF
Pennichuck East – Locke Lake	Locke Lake – Barnstead	Water Distribution Upgrade	\$300,000
Berlin Water Works	Berlin	Distribution System Improvements	\$3,000,000
Berlin Water Works	Berlin	Water System Energy Improvements	\$1,000,000
Rockhouse Mountain POA	Rockhouse Mountain – Conway	New Well and Pumphouse	\$230,000
City of Franklin	Franklin	Tank Replacement Project	\$3,030,000
Emerald Lake Village District	Emerald Lake Village	Water Main Replacement Project	\$1,800,000
Jaffrey	Jaffrey	Squantum Rd Well Treatment Building	\$1,080,000
Keene	Keene	Water System Energy Improvements	\$164,496
Pennichuck East – Liberty Tree	Liberty Tree – Raymond	Liberty Tree Station Replacement	\$540,000
Tilton/Northfield Water District	Tilton & Northfield	Park St and Granite St River Crossings	\$438,475

Public Water Systems receiving 2010 and 2011 DWSRF Non-Construction Funding



LEGEND

- ▲ Source Water Protection Grant
- Record Drawing Grant
- Leak Detection Grant



Non-Construction Projects Summary – At A Glance

● LEAK DETECTION GRANTS

WATER SYSTEM	TOWN/CITY	AMOUNT
Steele Pond	Antrim	\$1,137.50
Lower Bartlett Water Preconct	Bartlett	\$2,112.50
White Rock Water Company	Bow	\$1,787.50
Rosebrook Water Company	Carroll	\$3,387.50
Dover Water Department	Dover	\$4,437.50
Exeter River Landing	Exeter	\$1,462.50
Exeter Water Department	Exeter	\$7,525.00
Mittersill Water	Franconia	\$1,787.50
Gunstock Acres Village District	Gilford	\$3,225.00
Lake Shore Park	Gilford	\$1,787.50
Winstock Condominium Association	Gilford	\$1,462.50
Goffstown Village Precinct	Goffstown	\$4,112.50
Greenville Estates Coop	Greenville	\$1,787.50
Aquarion Water Company	Hampton, N. Hampton & Rye	\$17,925.00
Emerald Lake Village District	Hillsborough	\$3,550.00
Keene Water Department	Keene	\$13,625.00
Merrimack Village District	Merrimack	\$3,300.00
Milford Water Works	Milford	\$2,812.50
Newfields Water And Sewer	Newfields	\$1,462.50
Newport Water Works	Newport	\$3,625.00
North Conway Water Precinct	North Conway	\$2,112.50
Portsmouth Water Department	Portsmouth	\$4,925.00
Raymond Water Department	Raymond	\$2,812.51
Rye Water District	Rye	\$5,412.50
Seabrook Water Department	Seabrook	\$5,900.00
Pillsbury Lake Village District	Webster	\$1,787.50
Woodsville Water	Woodsville	\$4,362.50

▲ SOURCE WATER PROTECTION/SECURITY GRANTS

WATER SYSTEM / ENTITY	TOWN/CITY	AMOUNT
Lower Bartlett Village Precinct	Bartlett	\$19,935
Belmont Water Department	Belmont	\$10,000
Claremont Water Department	Claremont	\$8,700
Errol Water Works	Errol	\$9,560
Jaffrey Water Works	Jaffrey	\$20,000
NH Lakes Association	Meredith	\$19,600
Merrimack Village District	Merrimack	\$20,000
University of NH Piscataqua Region Estuaries Partnership	Somersworth	\$19,992
Southern NH Planning Commission	Statewide	\$10,000
Tamworth Pines Cooperative	Tamworth	\$7,775

■ RECORD DRAWING GRANTS

WATER SYSTEM	TOWN/CITY	AMOUNT
North Ledge Well Association	Bartlett	\$1,500
Lower Shaker Village Community Association	Canterbury	\$1,500
Plumer Court Condos	Epping	\$1,500
Pickpocket Well Association	Exeter	\$1,040
Hales Location Owners Association	Hales Location	\$1,500
Pike School Incorporated	Haverhill	\$800
Eagle Brook Homeowners Association	Jackson	\$1,500

Construction Project Summaries (2010-2011 Projects)

Bela Brook Water Co.

Community Served: Customers in Bow

DWSRF Funded Amount: \$200,000

Engineer: Underwood Engineers, Inc.

Contractor: Capital Well Company, Inc.

The project consists of siting and installing a new well to replace or supplement the existing low-yield well in order to meet water needs for this 20-home residential community. The project also includes design and installation of a water treatment system, if needed, for the new well.

The existing well has suffered a decline in yield. Since December 2011, regular bulk water deliveries have been required to meet regular water demands. Strict water conservation measures have been implemented until a new well can be developed. The existing well also has a history of water quality problems including manganese, iron and arsenic, so it is anticipated that water from the new well will require treatment.

This project will alleviate an acute water shortage that the system has been experiencing since the beginning of 2012. It will also allow the system to address both health-based and aesthetic water quality issues including arsenic, iron and manganese, through the installation of centralized treatment.



Well drilling rig getting positioned between some trees. The new well was drilled to approximately 800 feet, with a preliminary yield of 10 gallons per minute.

Construction Project Summaries (2010-2011 Projects)



Excavation begins to replace the aging water mains in downtown Belmont.

Town of Belmont

Community Served: Belmont

Project Name: Belmont Village Revitalization Project

Total Project Cost: \$397,377

DWSRF Funded Amount: \$220,000 (Joint funded project with Community Development Block Grant and local funds)

Engineer: Hoyle Tanner & Associates, Inc.

Contractor: Busby Construction Company, Inc.

This project includes the replacement of approximately 3,500 feet of unlined cast iron water mains in the village area of Belmont. The Town will reconstruct roads in the village area using additional funding sources.

The existing mains are primarily made of unlined cast iron and are frequently prone to breakage. In addition, over time, iron and manganese in the source water has adhered to inner walls of the pipe and causes chronic water quality issues and increases the potential for growth of bacteria as they fix onto the mineral deposits.

Replacing these mains with new ductile iron pipe will greatly improve the reliability and overall safety of the distribution system. The new water mains will reduce interruption of service, improve public health protection, and provide improved water quality and fire protection in the village area.

Construction Project Summaries (2010-2011 Projects)

Berlin Water Works

Community Served: Berlin

DWSRF Funded Amount: \$3,000,000

Engineer: Provan & Lorber, Inc.

Contractor: Berlin Water Works (in-house labor)

This project consists of replacing approximately 21,500 feet of vintage (1890 through 1936), unlined cast iron water mains spanning fourteen different streets throughout the service territory.

The existing mains are over 80 years old and are prone to breaking. Most are severely corroded and have sediment build-up that poses a risk for public health and reduces fire protection capabilities.

Replacing these mains with new eight-inch diameter pipe will greatly improve the reliability and safety of the distribution system. Insulating and deepening the service lines that will be connected to the new main will reduce the number of homes that run the water during the winter months to avoid frozen service lines.



New water mains are a long-term investment that are expected to last over 100 years.

Construction Project Summaries (2010-2011 Projects)



Variable Frequency Drives improve the operational efficiency of this system and also provides customers with consistent water pressure for everyday use.

Blueberry Hill

Community Served: Customers in Charlestown

DWSRF Funded Amount: \$250,000

Engineer: TF Moran, Inc.

Contractor: B.U.R. Construction

This project consists of constructing a booster pump station and interconnecting Blueberry Hill Mobile Home Park with the Town of Charlestown water system.

The existing drinking water source for Blueberry Mobile Home Park was declining in capacity to the point where customers were frequently experiencing water shortages.

Interconnection with the Town of Charlestown water system will ensure a long-term, reliable source of supply for the residents of the park.

Construction Project Summaries (2010-2011 Projects)

Conway Village Fire District

Community Served: Conway

DWSRF Funded Amount: \$2,900,000

Engineer: Underwood Engineers, Inc.

Contractor: DN Tanks, Inc.

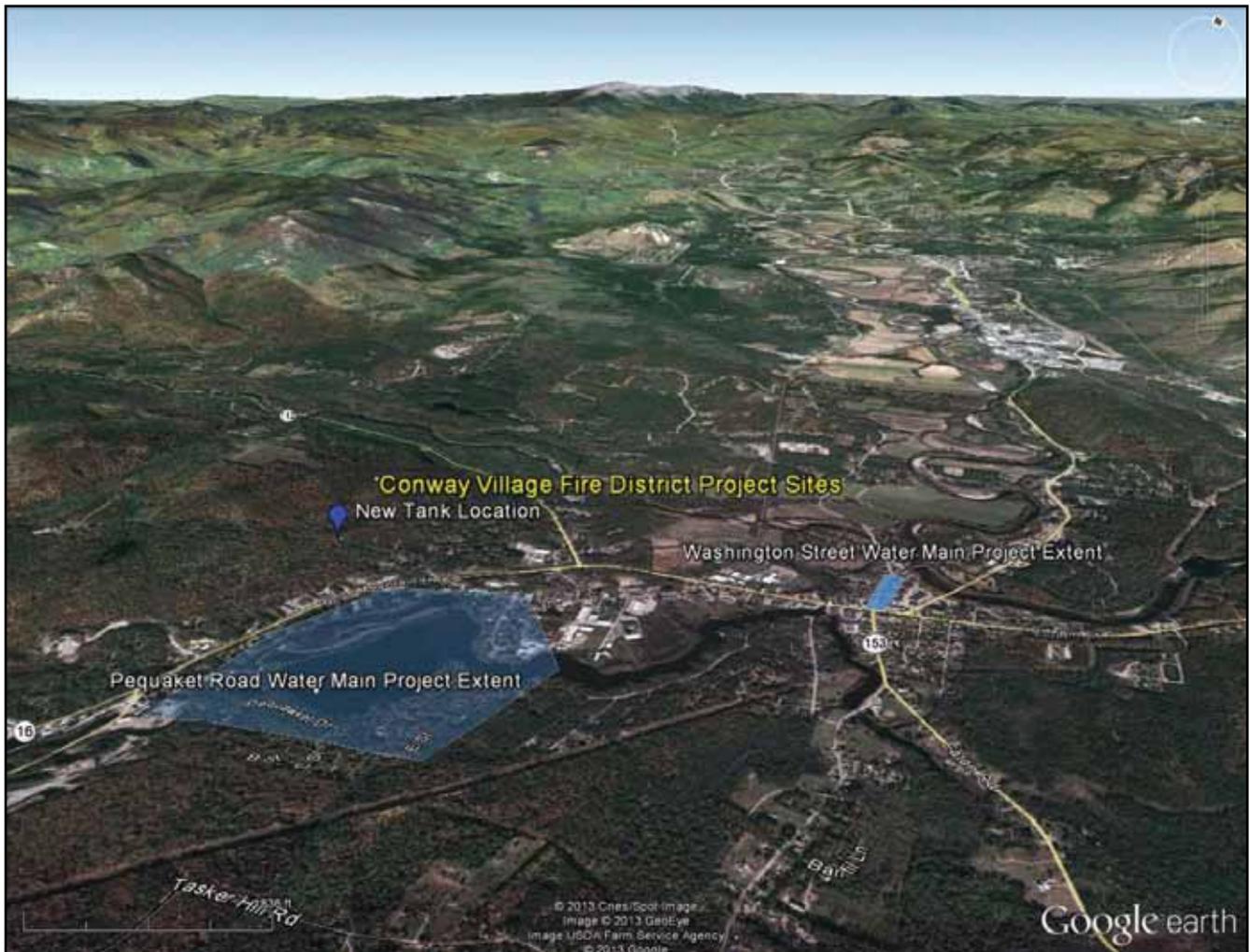
“We recommend our clients use the Drinking Water SRF program for all their eligible projects. It is easy to use and makes a lot of financial sense.”

~Keith Pratt P.E., President,
Underwood Engineers

This loan includes three projects. The first project is the replacement of a 250,000 gallon storage tank. The second project is the replacement and extension of the water main to create a water main loop in the Pequaket Road area. The third project is upgrade of the Washington Street water main.

The original water distribution system and storage tank were installed in the 1940s and, due to material wear over time, are in need of renewal. The Pequaket Road section of the distribution system is a “dead-end” which causes poor water quality along this section of water main. The Washington Street water main is undersized which reduces pressure and availability of flows in the event of a fire.

These projects combined will improve water quality, flow and pressure, and increase system reliability in the most cost effective manner.



Construction Project Summaries (2010-2011 Projects)

City of Dover

Community Served: Dover

Project Name: North End Pressure Zone Project

DWSRF Funded Amount: \$4,000,000

Engineer: Underwood Engineers, Inc.

Contractor: DeFelice Corporation – Contract #1
Water Transmission Main

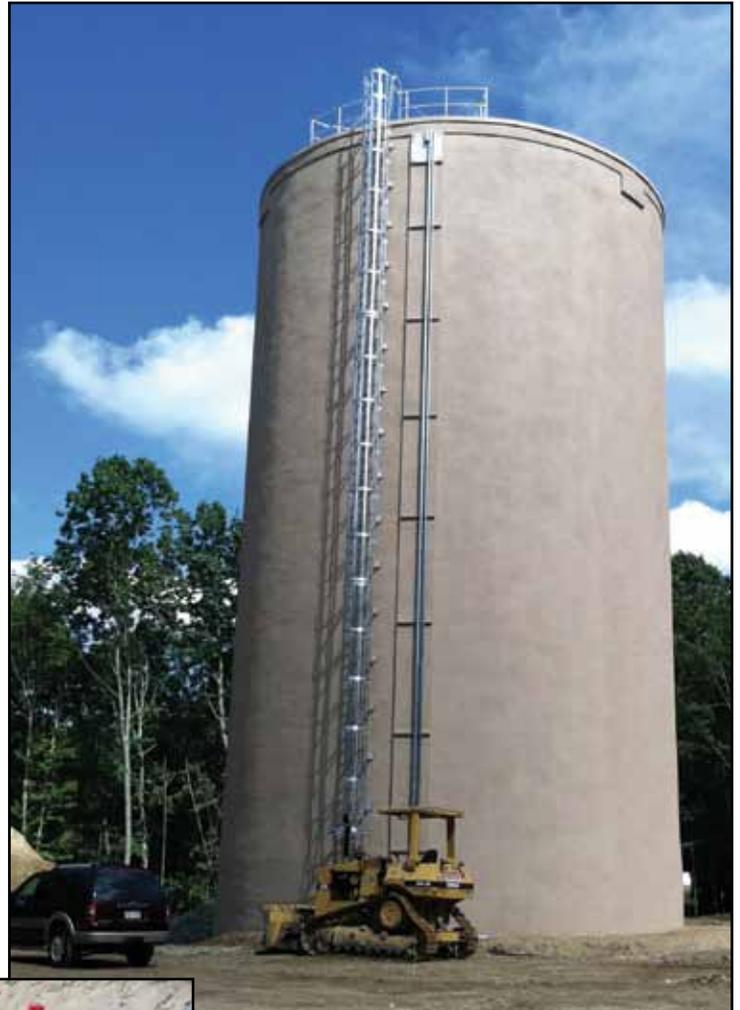
Preload, Inc. – Contract #2
Water Storage Tank

APEX Construction – Contract # 3
Booster Pump Station

This project will establish a high pressure water distribution zone in the north end of the city of Dover. The project entails three separate contracts including water transmission upgrade, new finish water storage tank, and booster pump station.

The city of Dover has one pressure zone throughout the distribution system with pressures fluctuating from 30 to 120 pounds per square inch. Historically, the north end of the distribution system has had chronically low water pressure and limited fire protection

This project will improve water pressure throughout the north end of the city and provide increased fire protection.



A new tank, water mains and hydrants will increase fire flow capabilities and improve water pressure on the north end of Dover.

Construction Project Summaries (2010-2011 Projects)

Emerald Lake Village District

Community Served: Customers in Hillsborough

DWSRF Funded Amount: \$1,800,000

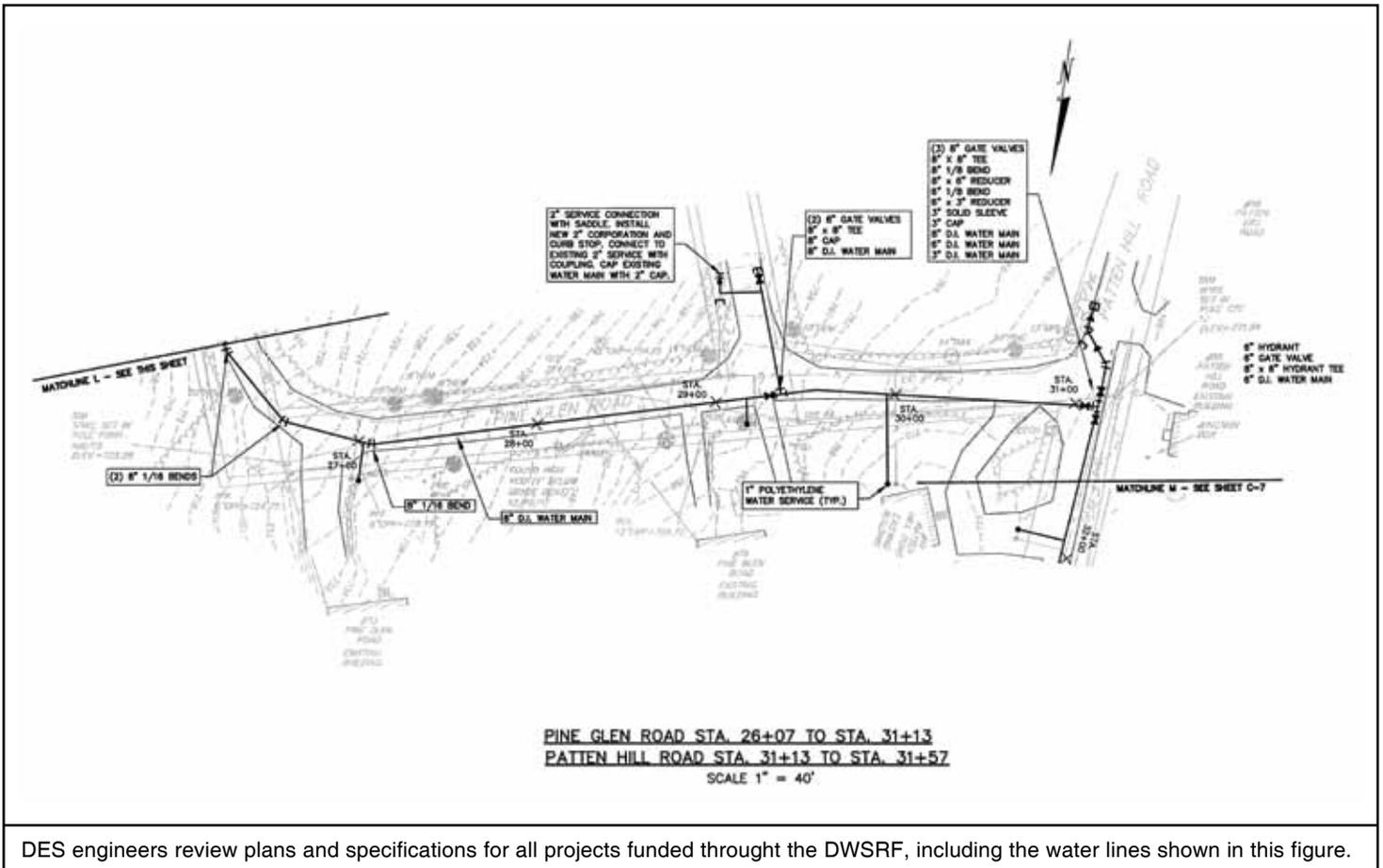
Engineer: Tata & Howard, Inc.

Contractor: R.D. Edmunds & Sons, Inc.

The project includes the construction of approximately 13,000 linear feet of 8-inch water main throughout the distribution system. Fire hydrants will be installed for flushing and maintenance purposes. Additionally, four wireless zone meters with data-loggers will be installed at locations within the distribution system.

The existing distribution system was constructed in the 1960s and is primarily composed of small diameter water mains ranging in size from two to four inches. The existing mains have had multiple breaks, and there is a deadend in the distribution system which leads to impaired water quality and extended outages to some customers when breaks occur.

The water main replacements will establish a larger diameter transmission grid which will improve flow throughout the system. Looping the system will provide redundancy for users south of the lake in the event of a water main break and will eliminate a gap in the existing distribution system. The data-loggers will improve the efficiency of the system by identifying existing leaks. The project will allow the District to maintain compliance with its DES-approved water conservation plan.



DES engineers review plans and specifications for all projects funded through the DWSRF, including the water lines shown in this figure.

Construction Project Summaries (2010-2011 Projects)

City of Franklin

Community Served: Franklin

DWSRF Funded Amount: \$3,030,000

Engineer: Tata & Howard, Inc.

Contractor: Natgun Corporation

This project includes two new 500,000 gallon water storage tanks and 4,885 feet of new 12-inch water main.

The city's existing tanks were built in 1959 and 1965. Significant problems exist with the concrete structures and water quality issues have been identified due to lack of mixing of the water within one of the tanks. Additionally, the water main that connects to one of the tanks has deteriorated and is undersized, which limits flows for firefighting purposes.

Replacing these tanks and mains will greatly improve the reliability and overall safety of the distribution system, while also improving water quality for the customers.



A large, 12 ton roof panel is gently and precisely put into place for Franklin's new replacement 500,000 gallon water tank. Directions are carefully relayed by walkie-talkie to the crane operator who cannot see what is happening.

Construction Project Summaries (2010-2011 Projects)

Hillcrest Apartments, LLC

Community Served: Customers in Candia

DWSRF Funded Amount: \$100,000

Engineer: Jones and Beach Engineers

Contractor: Smith Pump

This very small community water system established in the early 1970s serves a total of 26 families distributed among three 8-unit apartment buildings and two single-family homes. The existing underground pump house and storage tank will be replaced. The pumphouse will be housed above-ground in the renovated basement of Apartment Building 1. New well lines will be installed with dedicated source meters and sample taps in the new pump house, for disinfection and blending in the new storage tank.

The current pump house is a confined space which poses a safety hazard for system maintenance. It consists of a below-ground vault with cinder block walls, dirt floor, and a wooden cover. This facility may cause interruption in service if not replaced and has been identified as a significant deficiency by NHDES. The existing storage tank has reached the end of its useful life and is in need of replacement. Well #1 is also below ground and does not meet current construction standards.

Replacing the existing confined space and aged components with new above-ground, easily accessible, energy efficient equipment will be a vast improvement in system safety and reliability for this very small system, and should serve the community for another 30-40 years. The low interest rate and anticipated loan forgiveness will also benefit this disadvantaged, low income community by keeping apartment rental fees affordable.



Apartment complexes and other small communities must repair and replace water infrastructure just like municipalities do.

Construction Project Summaries (2010-2011 Projects)

Town of Jaffrey

Community Served: Jaffrey

DWSRF Funded Amount: \$1,080,000

Engineer: Tighe & Bond

Contractor: Weston & Sampson CMR

This project consists of constructing a new wellhouse building; improving the access road; installing a new submersible well pump with pitless adapter, emergency generator and transfer switch, chemical feed equipment, and control and instrumentation systems; associated electrical and mechanical work; and connection to the water distribution system.

While the existing wells are able to meet the maximum day demand of water, the capacity with the largest well out of service is only 300,000 gallons per day (gpd); therefore, the town's remaining wells would not be able to meet the average day demand of approximately 400,000 gpd. Furthermore, both existing wells are in close proximity to potential sources of contamination.

The Squantum Road Well will provide redundancy and additional capacity for the town's water system and help the water system meet the demand requirements.



Different phases of construction of the new pumphouse and treatment building.

Construction Project Summaries (2010-2011 Projects)

“The NHDES staff has been great to work with, making the administrative portion of each SRF funded project very simple with minimal bureaucratic red tape. Pennichuck has not been able to find a better source of low-cost capital to complete our qualified community water system improvements than SRF funds.”

~Donald Ware P.E., Chief Operating Officer,
Pennichuck Water Corporation

Locke Lake (Owned & Operated by Pennichuck East Utility, Inc.)

Community Served: Customers in Barnstead

DWSRF Funded Amount: \$300,000

Engineer: Pennichuck Corporation

Contractor: Brown Industrial Group, Inc.

This project consists of replacing approximately 8,000 linear feet of small-diameter plastic pipe.

The existing water mains were originally installed in the 1970s and consisted of substandard materials. These mains are subject to chronic leakage due in large part to failing nylon fittings used to join the buried pipes. Unaccounted-for water loss is often in excess of 40%.

Replacement and upgrade of these water mains will reduce the amount of leakage, reduce interruption of service for the customers, and improve public health protection.

Construction Project Summaries (2010-2011 Projects)

Tilton & Northfield Water District

Community Served: Customers in Tilton and Northfield

DWSRF Funded Amount: \$438,475.00

Engineer: Stantec, Inc.

Contractor: Pichette Brothers Construction

This project consists of replacing and upgrading the existing water main crossings at Granite Street. The installation will be done with directional drilling, which involves no trenching. The water main crossing will pass under the Winnepesaukee River and will interconnect to the existing water system piping.

The need for the water main river crossing is because the Tilton & Northfield Water District serves two community centers, Tilton and Northfield, and only operates a single one-million-gallon water storage tank in Northfield. With the added and upgraded water main river crossing the District will have the necessary level of water supply redundancy between the water distribution systems in the two abutting communities.

The benefits of this project are to improve water supply reliability and to lower the risk of customers being without water for long periods of time.



Directional drilling technology facilitates the replacement of water mains such as the one crossing the Winnepesaukee River.

Construction Project Summaries (2010-2011 Projects)

University of New Hampshire / Town of Durham - Water System

Community Served: Durham

DWSRF Funded Amount: \$418,000

Engineer: Weston & Sampson

Contractor: E. J. Prescott, Inc.

This project will replace approximately 400 water meters and upgrade the system to automatic meter reading.

Over 400 of the system's 1,080 existing water meters are greater than 20 years old and are only read twice per year.

By replacing the older meters and upgrading all of the meters to an automatic read system, the town can more quickly detect leaks, more accurately record water usage, and reduce staff time spent reading meters.



New water meters have extended life due to no internal moving parts, have improved accuracy and data recording capabilities and automatically send readings by radio to water department staff.

Construction Project Summaries (2010-2011 Projects)

Walnut Ridge (Owned & Operated by Hampstead Area Water Company)

Community Served: Atkinson

DWSRF Funded Amount: \$180,000

Engineer: Hampstead Area Water Company

Contractor: Lewis Builders Inc. (In-house labor)

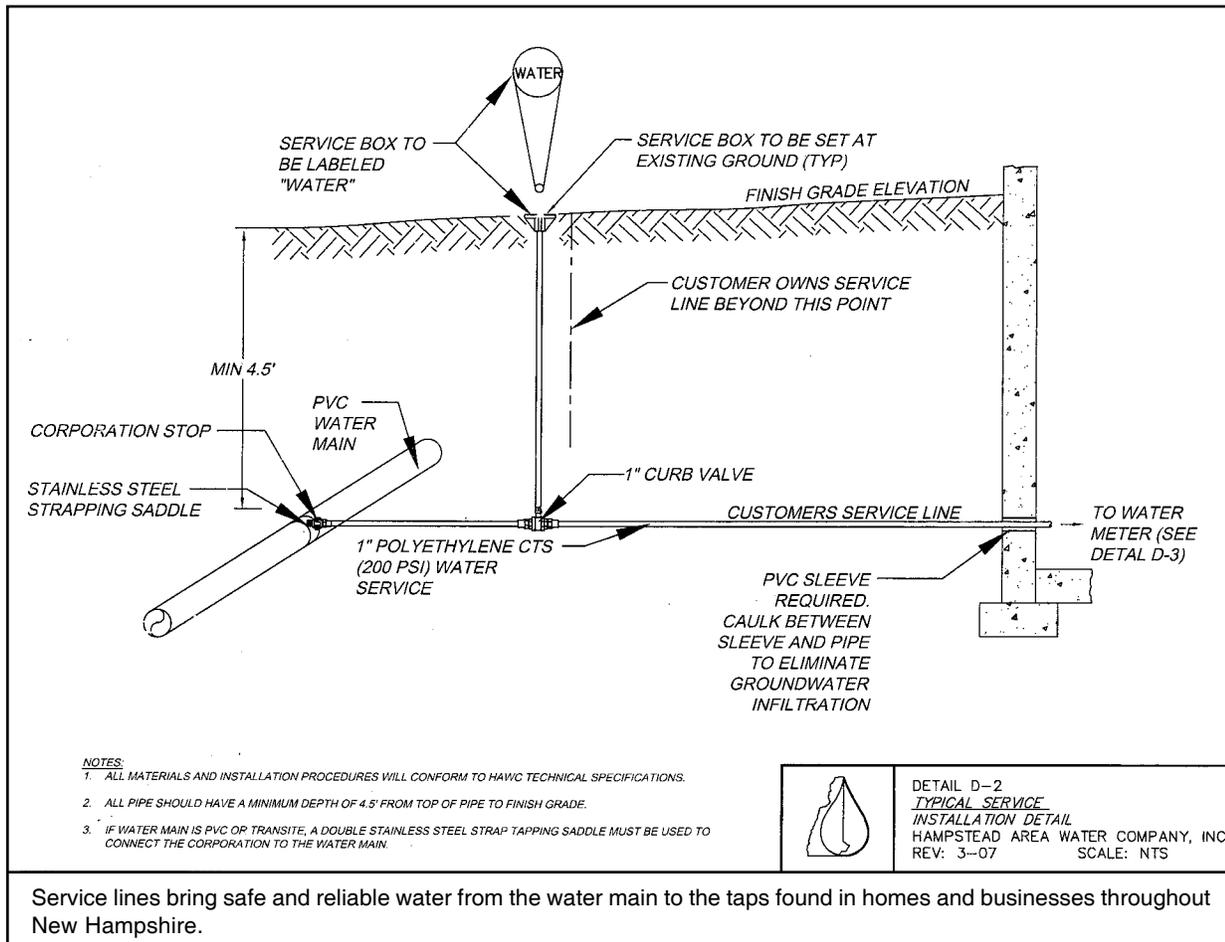
This project will replace approximately 100 water service lines from the water main to the customers' shut-offs in the Walnut Ridge water system in Atkinson.

Hampstead Area Water Company has experienced up to 30% water loss in the Walnut Ridge water system. Leaking water services have been identified as a major cause of the water loss.

Replacing these water services will reduce leakage and improve energy efficiency and reliability of service, and help the water system achieve a goal of less than 15% water loss by the end of 2012.



Excavation underway to replace water service connections.



Source Water Protection Grants

Local Source Water Protection Grants provide funds to develop and implement programs to protect existing sources of public drinking water. The grants are available to water suppliers, municipalities, regional planning agencies, non-profit organizations, educational institutions, conservation districts, and state agencies. Applicants can receive up to \$20,000 for projects to protect drinking water sources including watershed planning, delineation of protection areas, assessment of threats to water supply sources, implementation, source security and conservation.



Protection projects funded through this program have included delineation of wellhead protection areas, inventorying potential contamination sources, development of local protection ordinances, groundwater reclassification, shoreline surveys, drinking water education and outreach activities, and controlling access to sources.



In 2011, Local Source Water Protection Grants were made available for a total of \$165,562 awarded for Source Water Protection efforts in 2011. Since its inception in 1997, the grant program has awarded \$2,456,639.

2011 SOURCE WATER PROTECTION/SECURITY GRANTS

WATER SYSTEM / ENTITY	TOWN/CITY	AMOUNT
Lower Bartlett Village Precinct	Bartlett	\$19,935
Belmont Water Department	Belmont	\$10,000
Claremont Water Department	Claremont	\$8,700
Errol Water Works	Errol	\$9,560
Jaffrey Water Works	Jaffrey	\$20,000
NH Lakes Association	Meredith	\$19,600
Merrimack Village District	Merrimack	\$20,000
University of NH Piscataqua Region Estuaries Partnership	Somersworth	\$19,992
Southern NH Planning Commission	Statewide	\$10,000
Tamworth Pines Cooperative	Tamworth	\$7,775

Leak Detection Grant

Leak detection and repair play a fundamental role in reducing water loss and energy costs related to the treatment and delivery of drinking water in 2011. DES hired a professional leak detection firm to perform leak detection surveys at community water systems.

Twenty-seven systems received surveys spanning approximately 568 miles of distribution. Many systems received a complete survey, while others chose to focus on a section of the system prone to leakage. The leak detection surveys came to a total cost of \$110,000.

A total of 123 leaks were identified during the surveys at a combined estimated loss rate of 841 gallons per minute (1.2 MGD). Approximately half (42%) of all the leaks identified were on service connections going to customers' properties. In addition, the service leaks accounted for approximately 400 gallons per minute of the total water system losses identified.



LEAK DETECTION GRANTS

SYSTEM NAME	TOWN/CITY	SURVEY COST
Steele Pond	Antrim	\$1,137.50
Lower Bartlett Water Precinct	Bartlett	\$2,112.50
White Rock Water Company	Bow	\$1,787.50
Rosebrook Water Company	Carroll	\$3,387.50
Dover Water Department	Dover	\$4,437.50
Exeter River Landing	Exeter	\$1,462.50
Exeter Water Department	Exeter	\$7,525.00
Mittersill Water	Franconia	\$1,787.50
Gunstock Acres Village District	Gilford	\$3,225.00
Lake Shore Park	Gilford	\$1,787.50
Winstock Condominium Association	Gilford	\$1,462.50
Goffstown Village Precinct	Goffstown	\$4,112.50
Greenville Estates Coop	Greenville	\$1,787.50
Aquarion Water Company	Hampton, N. Hampton & Rye	\$17,925.00
Emerald Lake Village District	Hillsborough	\$3,550.00
Keene Water Department	Keene	\$13,625.00
Merrimack Village District	Merrimack	\$3,300.00
Milford Water Works	Milford	\$2,812.50
Newfields Water And Sewer	Newfields	\$1,462.50
Newport Water Works	Newport	\$3,625.00
North Conway Water Precinct	North Conway	\$2,112.50
Portsmouth Water Department	Portsmouth	\$4,925.00
Raymond Water Department	Raymond	\$2,812.51
Rye Water District	Rye	\$5,412.50
Seabrook Water Department	Seabrook	\$5,900.00
Pillsbury Lake Village District	Webster	\$1,787.50
Woodsville Water	Woodsville	\$4,362.50

Record Drawings Grant

The Record Drawings Grant program assists small community water systems in preparing or updating record drawings in order to provide a long-term record of the location of critical system infrastructure, especially underground facilities. These records are required by DES construction and operation standards. To date, DES has funded seven water systems for a total of \$9,340.

Water System	Town	Amount
North Ledge Well Association	Bartlett	\$1,500
Lower Shaker Village Community Association	Canterbury	\$1,500
Plumer Court Condos	Epping	\$1,500
Pickpocket Well Association	Exeter	\$1,040
Hales Location Owners Association	Hales Location	\$1,500
Pike School Incorporated	Haverhill	\$800
Eagle Brook Homeowners Association	Jackson	\$1,500



DES Marks 25 Years of Environmental Protection

This report year, 2012, marks the 25th Anniversary of the creation of DES and its service to the people of our state. DES has played a vital role in protecting and restoring our precious natural resources and public health, which are so critical to ensuring the wonderful quality of life that we all enjoy here in the Granite State.

There are four key functions of the DES Drinking Water and Groundwater Bureau: administering the federal Safe Drinking Water Act (SDWA) and state statutes to ensure that safe drinking water is reliably being provided at approximately 2,400 public water systems throughout the state – including administering the DWSRF program; protecting groundwater and other drinking water sources by permitting and regulating large groundwater withdrawals and discharges to groundwater, working with municipalities and water systems to implement local groundwater and drinking water protection programs, coordinating the efforts of other DES programs to protect drinking water sources, and implementing the state's Water Well Program; promoting conservation and ensuring accurate water use reporting; and evaluating and certifying laboratories that test water.

To request a copy of this report or for more information contact us:

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