

**TOWN REPORT 2015
WATER AND SEWER DEPARTMENT**



Again I want to start with thanking the Water and Sewer Commissioners for their support and hard work over the past year and by giving many thanks to the Highway, Fire, and Police departments for their assistance during 2015.

2015 was another busy year for the Sunapee Water & Sewer Department. The Wastewater Treatment Plant Upgrade construction was finally put into full use with the result being a much better functioning facility. The Perkins Pond Sewer Collection system is up and running very well with about half of the one hundred homes attached and the rest to do so in 2016.

This year, the department repaired four water main breaks and thawed eleven water service lines that froze during the extremely cold winter weather of 2015. The department also replaced three hydrants, found two leaking service lines for owner's to fix, replaced eight curb stops, installed two new water services, tested all commercial backflows in Town, and replaced the water main on Pleasant Street as well as installing a new tee and valve for that main. The department also helped installed a new irrigation line for the High School Ball Field, rerouted and repaired the water main on Lower Main Street because of the bridge replacement, and also repaired a leak in the water intake pipe between the lake and River Road's water pumping station. The department flushed hydrants at night again this spring and fall which we believe is less of an inconvenience to our users and is part of maintaining our water distribution system in good order.

The Georges Mills well system is, as usual, operating very well and required no major maintenance with four call outs. The plant processed 15,210,970 gallons of potable water, which is 1,407,805 gallons more than in 2014. The Slow Sand Filter plant also ran fairly well with seven call outs. Each of the three filters were cleaned once during the year. The Slow Sand Filter plant processed 38,220,004 gallons of potable water, which is 9,064,709 gallons less than in 2014.

In 2015 the upgraded Wastewater Treatment plant ran great with eight call outs, and treated and returned just over 104 million gallons of clean water back to the river to be used again. This is approximately 33 million gallons less than 2014. In doing so we produced over 83 tons of sludge that was dewatered utilizing our new centrifuge, then trucked to Claremont's Wastewater Treatment plant to be treated and then land applied.

The Collection System ran fairly well this past year with only five pump station alarms. eight manholes were repaired and upgraded as part of our collection system yearly maintenance. The department inspected 52 new Perkins Pond sewer attachments, and repaired a leak on the new sewer main on Mary's Road. The Department installed one new sewer tap, responded to one sewer main blockage and as part of our yearly sewer collection maintenance inspected the grease traps at businesses in town and video-taped approximately 300 feet of sewer main looking for any problems. We wish to remind all sewer users not to flush non woven products such as baby wipes and to please can their household FOG (fats, oils and grease) for disposal at the transfer station. This is very important in helping to prevent sewer system problems.

The department personnel continue to do the daily routines of plant inspections, water and wastewater sampling, and stay current with the ever additional and changing rules and regulations for both water and wastewater.

In closing, I would like to thank the Water and Sewer Department personnel for their commitment. We are on call 24 hours a day, 7 days a week. I would like to invite all of our citizens to tour your Water and or the newly upgraded Wastewater Plant. To arrange for a tour, or to ask questions, please call (603) 763-2115.

Respectfully submitted

David Bailey- Superintendent