

# News from the Kennebunk Sewer District

## Project time schedules for 2015–2016

- Grove Street, Doanes Wharf and Beach Street sewer line replacement.
- Peer-review of the new wastewater treatment facility design.
- Design and construction of new administrative and maintenance facility.
- Modernization and upgrade of the Brown Street pumping station.
- Peer-review of discharge permit issued by the Maine Department of Environmental Protection.



*Patrick Wiley, the new assistant manager, joined KSD in September 2015.*

**Our mission is to provide reliable and cost effective sewer related services to our ratepayers while protecting public health and promoting environmental stewardship for the benefit of our community.**

## KSD Hires New Assistant Manager

The district recently hired Patrick Wiley, Ph.D. as its new assistant manager. Prior to joining KSD, Patrick was the operations manager of a wastewater facility in Southern California and spent several years as a research scientist at the NASA-Ames Research Center in Moffett Field, CA

Dr. Wiley has extensive experience with wastewater treatment processes, and presently holds the highest level of wastewater operator certification in Maine and California. He also has more than ten

years of experience developing automated processes designed to efficiently cultivate and harvest microalgae for a variety of applications.

Patrick is passionate about waste-to-energy processes and wastewater treatment systems. He is excited to join the team and become involved with the design and operation of the future KSD wastewater treatment facility.

In his spare time Patrick enjoys spending time with his family and surfing.

## Powder Mill Pumping Station Upgrade Complete

Improvements to the wastewater pumping station located on Powder Mill Drive are now complete. The upgrade included the installation of two new pumps that transfer wastewater to the treatment facility and an updated control system that notifies KSD staff if a malfunction has occurred. A backup diesel generator was also added to ensure continuous and reliable operation during power outages. New fencing was also installed around the perimeter of the pumping station to protect the new equipment.



*The new and improved Powder Mill pumping station. New pumps, controls and a backup generator were installed as part of the upgrade.*



## Kennebunk Sewer District Wastewater Treatment Facility

### KSD Contact Information

General Information: 207. 985.4741

Fax: 207. 985. 4743

Normal Work Day Emergencies:  
207. 985.4741

After hours emergencies (24 hours per  
day): 207. 590. 0246

Email: [ksdistrict@zwi.net](mailto:ksdistrict@zwi.net)

### Office Hours

Monday -Thursday, 6:30 AM - 4:00PM

Friday, 6:30AM—2:00PM



We're on the Web! [www.ksdistrict.org](http://www.ksdistrict.org)

## KSD Charter Change Approved by Voters

On November 3rd 2015, Kennebunk residents within the district voted with a 73% majority to approve proposed changes to the KSD Charter. The revised charter provides the district with the necessary bonding limits to fund the upcoming treatment plant upgrades and to replace and repair aging sections of the sewer collection system.

## Progress on the Wastewater Treatment Facility Upgrade

KSD is in the process of designing a new wastewater treatment plant that will replace the existing facility. The district plans to begin the project in 2016, and has established the following goals for the upcoming calendar year:

1. Complete the design and begin constructing a new administrative office and maintenance garage;
2. Have the proposed treatment plant design peer-reviewed by industry experts; and
3. Renew effluent discharge license with the Maine Department of Environmental Protection.

### Did you know????

That the treatment system at KSD is a biological process that uses microorganisms to clean the wastewater?

