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In the Works

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In The Works is a monthly newsletter providing Environment, Health and Safety (EH&S) news and regulatory updates. The newsletter is provided by Loureiro Engineering Associates, Inc. of Plainville, Connecticut. In this Issue you will find links to the following articles:

NATIONAL

EPA Completes Reviews of 14 New England Site Cleanups during FY' 2017

Boston – EPA has completed comprehensive reviews of site cleanups at 14 National Priorities List Sites (Superfund Sites), including four Federal Facilities, across New England by performing required Five-Year Reviews of each site. The Superfund program, a federal program established by Congress in 1980, investigates and cleans up the most complex, uncontrolled or abandoned hazardous waste sites in the country and endeavors to facilitate activities to return them to productive use.

Throughout the superfund process of designing and constructing a cleanup remedy for a hazardous waste site, EPA's first goal is to make sure the remedy will be protective of public health and the environment. At many sites, EPA continues to ensure protectiveness by requiring reviews of cleanups every five years. It is important for EPA to regularly check on these sites to ensure the remedy is working properly. Five-year review evaluations identify any issues and, if called for, recommend action(s) necessary to address them.

EPA is actively involved in Superfund studies and cleanups at 123 sites across New England. There are many phases of the Superfund cleanup process including considering future use and redevelopment at sites and conducting post cleanup monitoring of sites. EPA must ensure the remedy is protective of public health and the environment and any redevelopment will uphold the protectiveness of the remedy into the future.

The Superfund Sites and Federal Facilities where EPA has completed Five Year Reviews in 2017 are below. Please note, the links provided for Superfund Sites provide summarizing fact sheets of the review, and the links provided for Federal Facilities provides the Five Year Review Report itself.

Completed Five Year Reviews in FY17

Superfund Sites:

- Gallups Quarry, Plainfield, Connecticut
- Kellogg-Deering, Norwalk, Connecticut
- O'Connor Superfund Site, Augusta, Maine
- Union Chemical Co., South Hope, Maine
- Winthrop Landfill, Winthrop, Maine
- Auburn Road Landfill, Londonderry, New Hampshire
- Coakley Landfill, North Hampton, New Hampshire
- Dover Municipal Landfill, Dover, New Hampshire
- Peterson Puritan, Inc., Cumberland and Lincoln, Rhode Island

Federal Facilities:

- New London Submarine Base, New London, Connecticut
- Hanscom Field/Hanscom Air Force Base, Massachusetts
- Natick Laboratory Army Research, Development, and Engineering Center, Natick, Massachusetts
- South Weymouth Naval Air Station – OU10 only, Weymouth, Massachusetts
- Portsmouth Naval Shipyard, Portsmouth, Kittery, Maine

CONNECTICUT

The Department of Energy and Environmental Protection Reminds Residents to Recycle Unwanted Electronic Devices

Connecticut- The Connecticut Department of Energy and Environmental Protection (DEEP) reminds residents to drop off their unwanted computers, monitors, printers and televisions at a local collection center for recycling under DEEP's Electronics Recycling Program.

“Many people will be receiving new electronic devices [during the new year] from televisions to computers, cell phones and tablets and a wide array of other tech gadgets,” said Mark Latham, DEEP's E-Waste Program Leader. “For those who have outdated electronics, residents are reminded Connecticut state law bans the disposal of electronic devices in the trash. The proper way to dispose of e-waste is via one of the recycling centers located across the state or by donating the equipment to a needy charity. Recycling is one the easiest things people can do to help our environment, and this program has helped to keep millions of pounds of e-waste out of our landfills.”

Since 2011, over 100 million pounds electronics have been recycled according to DEEP's 2017 annual status report on the program. In Connecticut, the manufacturers of electronics are required to finance 100% of the recycling costs, meaning there is no charge to towns or residents.

See a complete list of permanent recycling locations on the [DEEP website](#).

MASSACHUSETTS

Baker-Polito Administration Awards Grants to Improve Drinking Water and Wastewater Treatment System Maintenance

Grants to 10 communities to assist in the long-term operation and maintenance of their drinking water or wastewater systems

The Baker-Polito Administration recently awarded \$388,000 in grants to 10 communities to complete Asset Management Plans that will enhance the long-term operation and maintenance of their drinking water or wastewater systems. The grant program is being administered by the Massachusetts Department of Environmental Protection (MassDEP).

"Water infrastructure plays a critical role in the quality of life for our communities, so we must ensure that these systems meet the needs of all of our citizens today and into the future," said Governor Charlie Baker. "The grants announced today will help local officials evaluate these systems so that they are prepared for future demands or challenges when residents need them most."

Asset management is important to a public utility, because it identifies critical operational equipment, and outlines a time frame and costs for regular replacement or rehabilitation of a facility. This allows the public utility to minimize debilitating interruptions to the operation of drinking water works, wastewater collection and treatment systems, and stormwater drainage systems.

"These grants will allow wastewater, stormwater and drinking water system operators to inventory their infrastructure assets and assess the condition of that inventory," said MassDEP Commissioner Martin Suuberg. "Once developed, these plans will assist communities in their efforts to determine what improvements are needed, and to ensure the continued and dependable operation and management of their water systems."

The following communities will receive grants for drinking water systems:

Brockton - \$40,000

Leicester - \$40,000

New Bedford - \$40,000

North Sagamore (Bourne) - \$40,000

Turners Falls (Montague) - \$40,000

Wareham Fire District - \$40,000

Wayland - \$36,000

The following communities will receive grants for wastewater systems:

Clinton - \$40,000

Easton - \$32,000

Haverhill - \$40,000

The Asset Management Plans include required criteria, such as:

- An inventory of the entire water system;
- The development of a criticality rating for certain elements of a system that include replacement costs; and,
- A determination of the useful life for system equipment and water works for planned capital projects, with 5- and 10-year asset plans that outline annual line item budget costs and the effect on the water and sewer rates.