Pond Liner Attributes in Wastewater Process Control
Tuesday, September 22, 2020

This course emphasizes the various materials, components, and processes of the lining and venting of wastewater treatment ponds and lagoons. The attendees will gain the knowledge to face the challenge of assessing the remediation, determining the solution and moving forward well informed and confident that there will be a very high standard of process control.

Time: 8:00 am - 4:00 pm
ECH's: 8.0 Hrs. WW - Direct
Location: Kent County WWTP
139 Milford Neck Road
Milford, DE. 19963
Cost: FREE - Funded By USDA RD - WW
Instructor: Art Fleahman
American Coating Technologies

This Course Is Funded By:
USDA Rural Development - WW

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About DRWA

Mission Statement
The mission of the Delaware Rural Water Association (DRWA) is to improve the quality of utility services for rural Delaware while protecting our natural resources.

To accomplish this mission and to protect the quality of life in rural Delaware, the Delaware Rural Water Association was incorporated in 1990 as a non-profit association. A volunteer Board of Directors that include water operators, town managers, and supervisors throughout the state of Delaware governs.

Protecting the Public Health
DRWA promotes public health protection for rural communities and small municipalities. The Association trains and assists rural and small community water professionals in their efforts to provide quality drinking water to their communities, neighbors, and families.

Protecting the Environment
DRWA promotes water conservation and protection through publications and public awareness campaigns. Information and research provided to government officials aid in the development of effective regulations. DRWA is an affiliate of the National Rural Water Association who operates what EPA officials call “the most successful groundwater protection program in the country”.

Training

Specialized training sessions provide water professionals with an opportunity to resolve problems by sharing ideas with state and federal agencies, engineers, contractors, manufacturers, suppliers, and other water system personnel. Training sessions cover a broad spectrum of needs. Subjects range from water treatment and federal water and wastewater regulations to financial management practices and operator certification. The training allows water professionals to upgrade their skill, improve the quality of their utility’s service, and protect their community’s health.

DRWA’s Annual Technical Conference and Exhibition draws water and wastewater professionals, government officials, manufacturers, and suppliers together in one location, allowing them to participate in specialized training and the ability to learn about the latest trends in technology, government regulations, and system management techniques.

DRWA’s On-Site Training Unit (OSTU) was developed in cooperation with the Office of Drinking Water and funded through an EPA grant. The unit has classroom space, resource materials, and industry equipment. DRWA has traveled around the state to operators who can’t leave their systems to attend training. Hands-on training has been provided for water testing, meter testing, cross-connection, fluoridations, well security and more.

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- Understand the effects of various components involved in the installation of polyurea liners and substrate venting of wastewater ponds and lagoons.
- Determine the difference in Polyurea, XR-5 by Seamans Corporation, GCL (Geosynthetic Clay Liner), and HDPE (High-Density Polyethylene).
- Develop any one of a number of strategies to resolve the various challenges facing the treatment plant concerning pond and lagoon remediation.
- Determining seepage and the material with the least amount of permeability as well as how it affects the liner.
- Understand the features and benefits of the sub-liner passive venting components and how the system can prevent a number of downstream issues with process control.
- Have a full comprehension of warranty periods and issue resolution concerning the various liner materials.

For more classes and information visit us at www.drwa.org