TEAM EJP
WATER • WASTEWATER • STORMWATER
SOLUTIONS

KNOW H2OW 13

Civil Engineering Toolbox

**GROUND STABILIZATION • DRAINAGE
EROSION CONTROL • SEDIMENT CONTROL**

**January 21, 2020   Courtyard by Marriott; 4 Sebethe Drive; Cromwell, Connecticut
January 22, 2020   Courtyard by Marriott; 707 Iyannough Road; Hyannis, Massachusetts**

8:00 - 8:30 AM	Registration & Continental Breakfast
8:30 - 9:00 AM	Erosion Control in the 3rd Dimension - **Mike Everhart, E.J. Prescott, Inc.; Gardiner, Maine**
9:00 - 9:30 AM	Paved Surface Rehabilitation - **Doug McCluskey, E.J. Prescott, Inc.; Gardiner, Maine**
9:30 - 10:30 AM	Marine Mattress Technology - **Steve Williams; Tensar Corporation; Alpharetta, Georgia**
10:30 - 10:45 AM	Break
10:45 AM - 12:00 PM	Extending the Life of Paved Surfaces - **Bill Maier, Tensar Corporation; Alpharetta, Georgia**
12:00 - 1:00 PM	Lunch
1:00 - 2:00 PM	Post-construction Stormwater Treatment - **Shane Murphy, BioClean; Carlsbad, California**
2:00 - 2:15 PM	Break
2:15 - 3:30 PM	Stormwater Storage Innovations - **Ben Aulick, ACO, Inc.; Casa Grande, Arizona**

All who complete this course will receive a certificate for six (6.0) Professional Development Hours

☐ **YES, SIGN ME UP** (Please register by January 17, 2020)

I plan to attend: ☐ Cromwell, CT   ☐ Hyannis, MA

Please enclose payment of $30.00 per person. Please make checks payable to Everett J. Prescott, Inc.

NAME _____

COMPANY_____

MAILING ADDRESS_____

CITY_____ STATE _____ ZIP_____

PHONE_____ EMAIL _____

☐ Check Enclosed   Check # _____

☐ Please charge my EJP Account #_____ Purchase Order #_____

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**Please return to: Conference Coordinator; E.J. Prescott, Inc.   PO Box 600, Gardiner, ME 04345
PH: (207) 582-1851   FAX: (207) 582-5637   E-mail: KnowH2ow@ejprescott.com**

YOU CAN ALSO REGISTER ONLINE THROUGH EVENTBRITE WITH THE FOLLOWING LINKS:

**CROMWELL, CONNECTICUT - https://bit.ly/2qUhIBQ
HYANNIS, MA - https://bit.ly/35JK63b**

Bio Clean
A Forterra Company

The Bio Clean SciCLONE™ Separator is the first of its kind to offer complete and efficient hydrodynamic separation. Stormwater separators have been used for more than 20 years, yet no technology has been able to combine all necessary features required for a truly effective system. The SciCLONE's simple design allows for high Total Suspended Solids (TSS) removal efficiencies (80% for a particle size distribution typically found in stormwater runoff), internal bypass and efficient capture/retention of free floating oils and trash.

For enhanced sediment removal, the SciCLONE's inlet flow splitter redirects inlet flows away from the center of the chamber in two directions along the system's perimeter. From there, the flow goes toward the oil skimmer, along the skimmer wall, and back toward the inlet in the middle of the chamber creating two swirling vortexes. This feature maximizes flow path and directs fine sediment to settle back below the inlet.

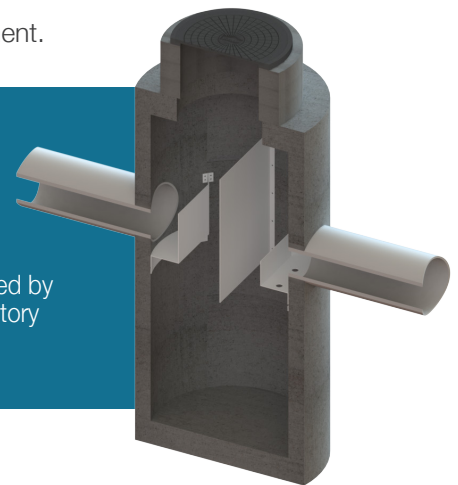In addition, the system can accept multiple inflow pipes at various angles for easy placement.

Performance	**80%** Removal of Total Suspended Solids (TSS)	**99%** Removal of oils and grease
Advantages	• Effective at removing floatables, trash, and hydrocarbons • 100% non-corrosive internal components	• Independently tested by a third party laboratory • Made in the USA

Approvals

VA
Virginia Department of Environmental Quality

NJCAT
New Jersey Corporation for Advanced Technology (NJCAT)

New Jersey Department of Environmental Protection (NJDEP)

KY
Louisville/Jefferson County Metropolitan Sewer District (MSD)

Operations

The SciCLONE Separator is manufactured from high-density polyethylene components which are non-corrosive and extremely durable. The flow splitter reduces inlet velocities and directs flow to the perimeter of the structure in two directions. As the flow reaches the oil skimmer, it is directed to the center and then back toward the inlet to maximize flow path and settling of finer Total Suspended Solids (TSS). This also creates a calm area for the collection of floatables and hydrocarbons behind the oil/floatable weir. The outlet weir provides a long and even surface for flows to pass over. By distributing the flow out of the system evenly, exit velocities are also reduced which helps to maximize the available area within the system for hydrodynamic separation.