



January 2020

CULTEC Company Update

Awarded Certifications & Verifications

We've been receiving several inquiries into our **CULTEC** technical department regarding our certifications and third-party verifications.

To help provide our customers with the answers they're looking for, we've created [this PDF](#) to explain what each of our certifications entails, and the third-party that verified them.

We're happy to announce that a new ASTM standard for Structural Foam Chambers was successfully balloted and is now awaiting publication. We will share more information in future newsletters.

We're hoping that engineers, contractors and distributors find this information useful. Please reach out to our Technical Department if you require more information at tech@cultec.com.

CULTEC CONTACTOR® & RECHARGER®
 STORMWATER SOLUTIONS

Awarded Certifications & Third-Party Verifications

ASTM International (American Society for Testing and Materials)

ASTM F2418 is a product standard that defines the material and structural requirements of stormwater chambers. ASTM F2787 is the design standard specifying the structural performance requirements for these chambers in accordance with AASHTO LRFD Section 12.12.

- Standards: ASTM F2418 and F2787 (and soon a standard for cellular plastic chambers)
- Third-party certification: No, however, Conlon Engineering reports that CULTEC chambers meet the performance requirements. Available upon request.
- Relevant to following CULTEC Chambers: Recharger® 360HD, Recharger® 902HD

CSA Group (Canadian Standards Association)

CSA B184 provides performance requirements for underground stormwater chambers, including those for short and long-term material properties, arch stiffness and flattening, structural live and dead loading per AASHTO LRFD Section 12.12, and manufacturing quality.

- Standard: CSA B184-17 Update 1: Polymeric Subsurface Stormwater Management Structures
- Third-party certification: Recharger® 902HD - Yes, with Intertek. Models Recharger® 150XLHD, Recharger® 180HD, and Recharger® 360HD are currently pending.
- Relevant to following CULTEC Chamber(s): Recharger® 150XLHD, Recharger® 180HD, Recharger® 360HD and Recharger® 902HD.

GPS (GLOBE Performance Solutions)

"When installed with Terratex HPG 550 and Terratex N10 geotextiles, and tested with silica sediment having a particle size distribution conforming to the Canadian Environmental Technology Verification Program Procedure for Laboratory Testing of Oil-Grit Separators, the CULTEC Recharger® 150XLHD Separator Row™ will remove at least the following fractions of suspended sediment at the corresponding flow rates: 80% at 24 gpm, 77% at 49 gpm, 73% at 73 gpm, 70% at 97 gpm, and 65% at 121 gpm. These performance claims are verified statistically at a 95% level of confidence."

- Environmental Technology Verification (ETV) Statement of Performance Claim of CULTEC Separator Row
- Third-party certification: Yes, GPS verified testing performed at Good Harbour Laboratories
- Relevant to following CULTEC Chambers: All models installed in Separator Row Configuration

RETENTION • DETENTION • INFILTRATION • WATER QUALITY

Industry Updates and Projects



Case Study: D'Youville Life & Wellness

In Lowell, Mass., the **D'Youville Life & Wellness** Community Center has been an integral part of the physical and cultural landscape of the area. The variety of different soil conditions and runoff conditions presented unique challenges for the project teams.

Together with engineer **Noonan & McDowell**, **CULTEC, Inc.** collaborated with contractors **Lee A. Vinal, Inc.** to design three new stormwater management systems that would be able to accommodate the additional renovations & runoff requirements. [Read more about this install here.](#)

Employee Spotlight: Lisa Lynch

Lisa Lynch is **CULTEC's** Office Manager. She provides direct support for **CULTEC's** customer base, and runs the daily operations for the company's in-house staff.

In addition to managing the office, Lynch also assists the estimating department in the quoting process, processes orders to support the production and logistics team and works with shipping and freight to track product as it moves from location to location.

A jack of all trades, the office simply wouldn't run without her!



We wanted to thank
Kevin Knippenberg from
Coastal Excavation Corporation
for the kind words.

If you have feedback for us, either our
service or our product, please do not
hesitate to reach out to
marketing@cultec.com.

“

Everything
from CULTEC
was spot-on and
went in just
as it was
supposed to.

You don't
always find that
in this field.”



- KEVIN KNIPPENBERG
COASTAL EXCAVATION CORP.

