

## RESIDENTIAL & COMMERCIAL STORMWATER

### CT STORMWATER AUTHORITY - PARTNER SPOTLIGHT

Home ownership comes with many benefits; a way to start a life for yourself and your family, for one. However, it also comes with additional responsibilities that apartment living may not require.

As a homeowner, regular maintenance of various parts of a home is necessary to avoid costly repairs or complications. One such area that requires this maintenance is the gutter system, and another is the home's stormwater system.

Together, a residence's gutter system and its stormwater system make up the property's stormwater management plan. An accumulation of debris in your gutters not only causes water to flow off your roof incorrectly, potentially damaging your home as well as the gutters themselves, but can also cause standing water in your gutters.

This can increase the chance of rust and mold on your roof, causing advanced damage and potentially costly roof repairs or replacement.



*(L to R) Frank Heneghan, CT Stormwater Authority President & Fred Dotson, CULTEC Director of Sales*

A private stormwater system is designed to collect and control water runoff at a residence. Rain becomes 'runoff' when it flows over roads, roofs, driveways, parking lots, and other impervious structures. Along its journey, this water can collect oil, fuel, chemicals, toxins, pet waste and other pollutants. Excessive sedimentation, clogged pipes or chambers filled with suspended solids can cause a stormwater system to stop functioning correctly.

The best way to prevent this is regular maintenance. Improper or nonexistent maintenance of a residential subsurface stormwater system can cause erosion, flooding, sinking, driveway destruction and contamination of local waterways. Additionally, without proper care, permanent damage may occur to the stormwater system itself and require total replacement.

Contacting a certified installer or maintenance provider is a reliable way to ensure gutters and stormwater chambers are functional for years to come. CT Stormwater Authority, serving Fairfield County in Connecticut, provides both gutter and stormwater maintenance services of the highest quality to residents and businesses alike.

# CULTEC CONTACTOR® & RECHARGER® STORMWATER SOLUTIONS

A certified CULTEC maintenance provider and installer, CT Stormwater Authority and its partner company, CT Gutter, has made it their mission to provide the customer with exceptional products and quality work. The company is managed and operated by HAAG engineering professionals and has an in-house professional engineering team. This team communicates with CULTEC's Technical team to troubleshoot any major issues stemming from improper maintenance of a stormwater system – in fact, they are a trusted partner to CULTEC and the only contractor in Connecticut to be certified to maintain CULTEC's chambers. Being able to offer a combination of gutter and stormwater chamber maintenance allows CT Stormwater Authority to offer customers a one-stop-shop for their residential stormwater needs.



Recently, a high-end residence in Westport, CT had an existing competitor stormwater system that was not working properly. The system was not taking on water, and was completely silted. The home is located on a sprawling piece of property with beautiful green grass and a long asphalt driveway. The lawn and driveway were being destroyed by water collecting at the site due to the clogged stormwater system.

The homeowner called CT Stormwater Authority to troubleshoot the problem.



CT Stormwater Authority sent a team to the property to inspect all aspects of the system. This inspection is done with the latest technology, including drain cameras and high-quality video footage.

Upon the conclusion of the team's inspection, it was found that there were multiple cracked and separated conveyance pipes around the perimeter of the house, as well as fully silted stormwater chambers. The team at CT Stormwater Authority went to their engineers for a solution. Working closely with the CULTEC Technical team, CT Stormwater Authority engineers came up with a resolution: retrofit a newer (and much larger) CULTEC stormwater chamber array utilizing CULTEC Recharger® 330XLHD chambers, as well as make corrective measures towards the broken and separated pipe around the house.

In fact, the pipe that was currently surrounding the house was simple thin wall landscape pipe, and was not heavy duty enough for the application. The engineering team decided to swap this pipe with SDR-35 pipe.

# CULTEC CONTACTOR® & RECHARGER® STORMWATER SOLUTIONS

The key feature in this newly proposed stormwater system was the recommendation to install 3 CULTEC StormFilter® T-80 units. The CULTEC StormFilter® T-80 is a cost-effective filtration unit used to remove leaves and debris from rainwater collected by catch basins or gutters in residential applications. The StormFilter T-80 prevents leaves and debris from clogging outflow systems and piping. Rainwater is piped into the endwall of the StormFilter T-80 and passed through a removable filter, and pollutants are collected within the tank and may be removed by a wet/dry vac. This compact unit is easy to install and simple for the homeowner or maintenance personnel to maintain. Each T-80 unit was installed in a different area: one to protect the new, large array of chambers in the front of the house, one to protect a new single chamber in the backyard, and the third to protect the catch basin off the driveway.

Though additional maintenance was required at the home, the system put in place by CT Stormwater Authority went to work immediately to dry out the property. Thanks to the combined efforts of the team at CT Stormwater and the CULTEC sales and technical teams, the customer was incredibly satisfied, and calls regularly for maintenance of the T-80 units and the stormwater system itself. "CULTEC stands out in the marketplace because of their product, as well as their design department," said Frank Heneghan, President at CT Stormwater Authority. "We've never had that kind of support with other manufacturers."

CULTEC is proud to partner with CT Stormwater Authority to troubleshoot homeowner issues. If you're looking to install a new stormwater system, troubleshoot or maintain your current stormwater systems, or simply speak with a professional, you can contact CT Stormwater Authority for a no obligation free estimate. Call 203-951-6466.



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