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FOR IMMEDIATE RELEASE

Major American Retailer near St. Louis Installs StormX

CLEVELAND, Ga. (Dec. 20) – It would be an understatement to say residents of a small town on the outskirts of St. Louis were upset when they heard a major American retailer was opening a new store in their town. After months of public hearings, the Army Corps of Engineers and the Illinois Environmental Protection Agency issued Section 401 Water Quality Certification for the retailer. This assured residents that the retailer would employ a plan to guarantee water quality standards would not be violated. Part of the plan included StormX, an end of pipe netting system that was installed last month.

The predevelopment area was on 36 acres of farmland and home to two tributaries of Rocky Fork Creek, which feeds directly into the Mississippi River. In order to preserve the abundance of wildlife, something had to be done to treat all potential water contaminants. The retailer called on Cochran Engineering in St. Louis, MO to develop an ideal stormwater plan for the new supercenter.

The most abundant pollutant typical at retail supercenter locations is trash. Because of this, a proven system was required to handle the large amounts of trash accumulated by the store's urban runoff. StormX allows water to flow unimpeded while capturing gross pollutants as small as 5mm, making it the perfect solution. The installation included three units: an 18 inch unit to filter runoff from the roof, as well as one 36 inch unit and one 48 inch unit to filter runoff from parking lots and unloading areas.

"StormX was chosen because it was the most economical way to keep trash and debris out of the fragile surrounding ecosystem," said Matt Austin with Aspen Environmental. "Maintenance was another consideration when choosing StormX; the strong netting means the unit can withstand a greater mass of trash and debris compared to similar products."

The Illinois EPA requires the trash be removed weekly. For other products, emptying trash-filled nets can be a difficult task, but that isn't the case with StormX. "It turns out emptying the nets are fast and easy," says Austin. "Overall, StormX is easy to install (even in a flared end section), durable, and very low profile."

The plan to handle pollutants generated from the store's new location involved three main stormwater lines with one being treated by an up-flow filter device. The others are treated as a two-step process, employing StormX to remove gross pollutants before the water enters a bioretention pond where the remaining finer contaminants are filtered.

"It's so rare to see these days," said Austin, "But this treatment project is a perfect combination of proprietary and natural products working together to achieve a high standard of water quality."

For more information about StormX and Storm Water Systems, visit www.stormwatersystems.com.

About StormX

The StormX system is comprised of stainless steel hubs, reusable commercial grade nets, and built-in overflows to allow runoff to flow unimpeded during a significant rain event. The system is currently offered in three configurations: full-pipe, half-pipe and weir. This end of pipe netting system stops gross pollutants as small as 5mm before reaching any natural waterways. The reusable, commercial grade nets are highly effective for "first flush." Standard sizes are 18", 24", 30", 36", 48", 60" and 72" with custom sizes also available. StormX is manufactured by Storm Water Systems in Cleveland, Georgia, USA.

About Storm Water Systems

Storm Water Systems offers innovative products and systems to clean and conserve water resources including natural waterways and storm water runoff. Storm Water Systems specializes in custom solutions to remove harmful pollutants and trash from interconnected waterways such as streams, rivers, lakes, and coastlines and to capture rainwater for reuse. Based in Cleveland, GA, Storm Water Systems was founded on more than 30 years of expertise in isolating pollutants from the environment. To learn more about Storm Water Systems, visit www.stormwatersystems.com.

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