



The Duperon[®] SCTs at Hampton Road Pump Station, more than 100 feet long

CITY OF DALLAS

PROJECT-AT-A-GLANCE

Automated Self-Cleaning Trashracks (SCT) proves reliable in harshest storm conditions for Dallas flood control. The SCTs handle everything from automobiles to bottle caps for ultimate pump protection and safety.

SITE: *Hapton Road Pump Station*

EQUIPMENT: *Five (5) Duperon[®] Self-Cleaning Trashracks*

INSTALLED: *August 2000, October 2005*

“HANDLES IT ALL, FROM GRASS TO TREE TRUNKS”

Prior to the installation of the Duperon[®] Self-Cleaning Trashrack at their intakes, the City of Dallas Hampton Road Pump Station operated without any protection in front of their stormwater grating.

“We just had a grate in front with no mechanical cleaning,” remembers Dhruv Pandya, District Manager for the City of Dallas Department of Flood Control. “The pumps were suffering. They were continually getting clogged, and they didn’t have enough water coming in to function properly.”

To clear the grates, operators used simple hand rakes—no small feat, considering that the grate was more than 100 feet long. “As big as it was, it just did not work,” Pandya said. “We started looking and found Duperon. It seemed like the Self-Cleaning Trashrack would be a good fit for us.”

The Duperon Self-Cleaning Trashrack is able to manage highly variable debris—from bottle caps to tree trunks and washing machines—as well as the ever-changing, often high-velocity flows inherent to stormwater. Its continuously cleaned screen assures maximum efficiency due to uninterrupted water flow.

“We have debris that varies from grass to very large tree trunks, and we wanted equipment that could handle all of that,” Pandya explains. The Duperon Self-Cleaning Trashrack turned out to be a perfect fit for the intake, and the City of Dallas hasn’t looked back. As funding became available, the City finished the Hampton Pump Station with a total of five units.

“Debris varies from grass to tree trunks... It’s worked well.”

ABOUT DUPERON

Duperon Corporation is the leader in innovative preliminary liquid/solids separation systems. For more than 35 years, Duperon has provided simple yet innovative solutions for a variety of screening and solids handling applications in the water and wastewater industry. Duperon technologies are designed and manufactured in Saginaw, Michigan.

