

# 60-inch Storm water pipe cleaning at a private facility

SUMTER COUNTY, FLORIDA

## PROBLEM

A private retirement facility located in Sumter County, FL, is one of the largest (and still growing) retirement communities in the country. With close to 100,000 residents, this golf course community has an expansive network of storm water infrastructure to accommodate all the residential growth. Their problem was that a 60-inch storm water line had a large deposit of sand that had accumulated, blocking the flow of water inside the pipe. The blockage was 375 feet from the closest access point on the street, and the pipe was in the middle of a residential neighborhood. Further, the work needed to be performed in December, the peak month of Florida's seasonal residents and activities.

## SOLUTION

In December 2013, the facility sought assistance from U.S. Submergent Technologies to remove the sand deposit and restore flow to the line. USST brought their 949 Combination<sup>3</sup>® Truck to the site, and



were able to extend their jetter from the outlet to the sand plug 375 feet away. Using their powerful water jetting system and proprietary sand and grit removal process, the USST crew was able to jet the sand downstream to their down hole pump for removal. The sand and grit was then filtered into a containment tank, then hauled away and disposed of. Water used in the process was returned to the storm water line.

## RESULTS

The sand deposit was completely removed, flow to the storm water line was fully restored, and the work was accomplished in just two days. Due to the quiet operation of the 949 Combination<sup>3</sup>® Truck, the entire cleaning/removal operation had almost no impact on the daily neighborhoods activities. The client was very pleased with the results.



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