

20-Foot High Tank Cleaned While in Full Operation

DAVIE, FLORIDA

PROBLEM

A wastewater treatment facility located in the Town of Davie, FL was experiencing increased energy costs due to reduced capacity and treatment efficiency from accumulated sand and material in their infrastructure.

SOLUTION

In early 2018, the facility sought assistance from U.S. Submergent Technologies (USST) to remove the material as part of the Town of Davie's Capital Improvement Program, a facility which handles an average daily flow of around 3MGD.

Using USST's extended boom and Combination³® technology, the material removed was immediately ready for disposal. With jetter, vacuum, downhole pump and 49-foot knuckleboom fully integrated on one chassis, USST's Combination³® technology delivers a powerful punch in the submergent cleaning industry. No additional equipment or tools were needed to be brought in, saving time and resources for the client.



RESULTS

USST removed more than 180-CY of sand and material from Davie's 20-foot high surge tank while it remained in full operation. Paul Del Favero, USST's Field Supervisor, lead the USST crew in completing the Davie project efficiently and on schedule.

John McGearry has resided as Chief Operator of the Town of Davie's WWTP for almost five years, and has 38 years' experience in the wastewater industry. He says "[I was] pleased with the professionalism and the efficiency of the operation. We also liked the initial dryness of debris removed during the process."



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