

One Truck, One Tool

23-Foot Deep Lift Station Cleaned While in Operation

TALLAHASSEE, FLORIDA

PROBLEM

Tallahassee's Summerbrooke 23-foot deep lift station was due for scheduled maintenance, needing both FOGs on the surface and sand and grit on the bottom removed.

SOLUTION

USST's patented Combination3[®] truck with extended boom, downhole pump, and jetter mobilized to the site, and allowed crew to remove debris from both the surface of the water and bottom of the structure without additional equipment or repositioning. USST utilizes downhole pumping (in submerged or normal flow) or vacuum (in dry or low flow) as required and is equipped to switch between the two methods in any circumstance, with minimal downtime.

The USST crew first removed the FOG layer off the top of Tallahassee's Summerbrooke lift station with vacuum and utilized the downhole pump to remove all residual material off the bottom of the lift station while it remained **in full operation**.



RESULTS

USST's Combination3[®] extended reach boom provided the reach required during the job, preventing hazardous work conditions. Almost 8-cubic yards was removed from the 23-foot deep wet well, and the job was completed safely, efficiently, and ahead of schedule.

"Our truck is uniquely equipped to solve lift station challenges," said Denver Stutler, Jr., co-founder and CEO of USST. "Oftentimes, you don't know what to expect, and our equipment has the ability to perform like a Swiss Army Knife in the field."



U.S. SUBMERGENT
TECHNOLOGIES[®]

2153 Rayburn Street
Orlando, FL 32824
844-765-7866
ussubmergent.com

©2021 USST