

Non-clog NC150 Dri-Prime pump for Sewer Pipe Cleanout

Houston, TX

Issue

Brenford Environmental needed to clean more than two miles of 54" (1.4 m) sewer pipe, which had been in place for more than 15 years. The difficult solids in the pipeline included a lot of stringy debris.

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Solution

Conventional dewatering pumps had issues with difficult solids – rags, shirts and large debris – getting stuck in their impellers. An NC150 pump was used instead. The pump began pumping immediately, and has had no clogging issues. The only stops were to refuel and perform daily fluid level checks.

The pipe sections for cleaning range from 1,600 feet (490 m) to 2,000 feet (610 m) each. Discharge goes into a frac tank fitted with a screen. The unit is running at only 900 rpm, to allow for separation of materials through the screen and into the tank.

Result

"We are thrilled to be able to offer solutions for these problematic projects that surpass previous options."

Two months after setup, the project moved approximately three miles west, and in close proximity to a residential area. Since moving, the amount of debris has increased, but not led to any issues with the NC150 Dri-Prime pump. George Miranda, project



CUSTOMER: Brenford Environmental

XYLEM'S ROLE: Clean out sections of pipe 1600-2000 feet each, with product containing difficult solids and large debris, into a frac tank.

XYLEM'S SCOPE:

- Godwin NC150 Dri-Prime pump

foreman for Brenford Environmental, is very pleased with the performance of the Godwin NC150 pump. There have been no service calls.

The pump runs consistently for 10-12 hours per day. The Gulf Coast regional manager for Xylem said "the customer was very eager to share his excellent experience. We are thrilled to be able to offer solutions for these problematic projects that surpass previous options."

