

# NC150 Dri-Prime Pump for Digester Cleanout

Riverside, CA

## Issue

The City of Riverside's Regional Water Quality Control Plant needs to clean out digesters to get them ready for de-servicing. They hadn't been cleaned out since they went into service more than 25 years ago and due to the high volume of non-volatizing solids, such as wood, plastic, hair and other stringy material, Riverside's Control Plant was having a difficult time draining the digesters back to their headworks.

"They hadn't been cleaned out since they went into service more than 25 years ago."

## Solution

The district is a longtime customer of Godwin and soon called to check if our pumps were capable of pumping this thick, fibrous material. We recommended a Godwin Dri-Prime NC150 pump and explained to them our new N-impeller technology. They soon bought on and asked us to bring it out the next day.

## Result

After about two weeks of pumping, the Control Plant was forced to stop due to the extreme fibrous handling of the NC150. The Dri-Prime NC150 pump was operating so effectively, the plant started to become overwhelmed with the influx of solids. They quickly reconfigured their discharge point to their Waste Back-Wash (WBW) lagoon and to this date, have not had any issues with the pumping.

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**CUSTOMER:** City of Riverside

**ORDER DATE:** MAY 10, 2012

**COMPLETION:** June 8, 2012

**XYLEM'S ROLE:** Supply pumping equipment that can handle stringy fibrous sewage

**XYLEM'S SCOPE:**

- NC150 Dri-Prime pump with 8" increasers connected to customer-owned hose and pipe



The Godwin Sales Representative on-site said, "The customer did not have to de-rag the pump once and the pumping efficiency was never compromised."



NC150 Dri-Prime pump takes suction from pipeline that connects to bottom of digester.



Digester being dewatered to waste backwash lagoon.



NC150 Dri-Prime pumping into City-owned Godwin Bauer 8" Quick-Disconnect pipe.