

BARNES SITHE - A cost saving solution to your clogging problems

Barnes Sithe submersible chopper pump prevents clogging by chopping rags, mop heads and diapers at Windsor lift station in Cedar Hill, TX

In a nutshell

SITE:

Cedar Hill, TX

The city sewer district is an urban wastewater district with 20 lift stations that serve a population of about 50,000.

APPLICATION:

Sources for this lift station are senior living and residential housing. Sewage is directly pumped to wastewater treatment plant.

PROBLEM:

The service team had to unclog non-clog pumps every 2-3 months. Different non-clog pump brands were tried, but frequency of clogging remained the same. Typically, rags and mop heads were clogging the pumps.

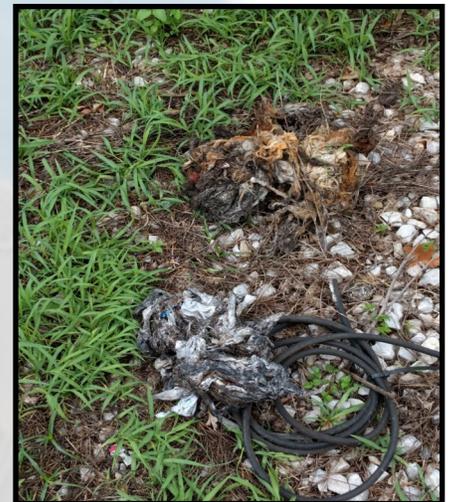
SOLUTION:

Pump Solutions Inc., a channel partner for Crane Pumps & Systems, decided to alleviate the problem by installing a 20HP 4" Sithe - a brand new chopper pump by Barnes. In its 8 months of operation, Sithe didn't clog even once.

Cedar Hill Water and Sewer division's Windsor lift station is one of its most challenging stations as it receives sewage pass-through from a senior living center and residential houses. The district's service team had to pull a pump every couple of months to unclog it of rags, diapers and mop heads. Even switching between multiple non-clog pump brands didn't solve their problem.



Clogged competitor pump, Cedar Hill, TX



Rags and mop head clogging the pump

In order to pass big solids easily, Crane Pumps and Systems together with Pump Solutions Inc., helped the city by installing a new state-of-the-art chopper pump - Barnes SITHE.

The pump installed was a 20 HP 4SCDG with a dual-vane impeller. It fit right in to the existing guide rail and no alterations were required to the control panel. Barnes Plug-n-play technology made cord connection quicker saving time and cost.

It has been over 8 months since installation and Cedar Hill hasn't pulled the pump even once to unclog. Sithe has been successful in solving their biggest problem - frequent clogging.

"We had a site that was known for clogging up the pumps. Sithe is well constructed and looks different; it has been a good pump."

- Chris Williams, Cedar Hill Utility Services Department

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