

BELZONA 1212 REPAIRS A WORN WASTEWATER LIFT STATION PUMP

ID: 7779



PROBLEM

There was a hole worn underneath the impeller on the volute from "rags" in the wastewater system getting caught. This allowed for raw wastewater to leak from the pump into the underground vault which is located next to a large lake.

APPLICATION SITUATION

Wastewater lift station pump in a heavy residential area.

APPLICATION METHOD

The top portion of the pump was lifted and pulled aside providing limited access to the problem area. A grinder was used to roughen the application area as best as possible and emery cloth was used to prep the areas that the grinder could not reach. A golf ball portion of Belzona 1212 was mixed and applied by a gloved hand to the hole and smoothed out so no further machining would be necessary. The water department crew left for lunch after the application, and then returned and reassembled the pump and returned the pump back to service. The application was carried out in accordance with Belzona Know-How System Leaflet CEP-5.

BELZONA FACTS

Belzona 1212 was the perfect choice for this pump repair as it is surface-tolerant. This allowed for the repair to take place on-site with a minimal impact. With other repair options, the entire pump casing would have been needed to be removed causing additional downtime and expense.

INDUSTRY

Water / Wastewater

LOCATION

Washington, USA

APPLICATION DATE

March 2017

PRODUCTS

Belzona 1212

SUBSTRATE

Steel

PHOTOS

Pump ready for repair.
Small hole visible.
Belzona 1212 being applied.
Completed application.

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