

Belzona 1212 Repairs a Worn Wastewater Lift Station Pump

ID: 7779

Industry: Water / Wastewater
Application: CEP-Centrifugal Pumps
Substrate: Steel
Products: * Belzona 1212 ,

Customer Location: Washington, USA
Application Date: March 2017

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.



Photograph Descriptions

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

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA
Repair • Protect • Improve

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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

