

# EFFICIENCY ENHANCEMENT KEEPS SLUDGE MOVING

ID: 4921

Industry: Water / Wastewater  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona 1341 (Supermetalgilde) ,

Customer Location: Mississauga, Ontario, Canada  
Application Date: January 2014

## Problem

The Dewatering Centrifuges were suffering from struvite and required regular cleaning and maintenance to keep them in operational condition



## Photograph Descriptions

- \* External view of dewatering centrifuge ,
- \* Dewatering centrifuge prior to application ,
- \* Surface preparation underway ,
- \* Completed application ,

## Application Situation

Dewatering centrifuges

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet CEP-3. Surface preparation was done by grinding off the existing paint system and corrosion. Then carefully created a cross hatch profile to ensure a good anchor for the coating. Two coats of the Belzona 1341 were applied by brush in accordance with the Belzona Instructions For Use.

## Belzona Facts

With Belzona 1341 being 100% solids and VOC free the application was performed inside the plant with no disruption to normal operations. Re-assembly of the equipment was able to be completed in 12 hours after the application of the final coat of Belzona 1341.

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

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