

# SUBMERSIBLE MULTI STAGE PUMP REPAIRS AND COATINGS

ID: 9361



## PROBLEM

The customer had three submersible multi stage pumps that required rebuilding and recoating to both the inside and outside of the equipment.

## APPLICATION SITUATION

The deep well submersible pumps are used for storm water and also see's hydrocarbons from ground water run off's, the pumps have experienced erosion and corrosion issues.

## APPLICATION METHOD

pumps were dismantled by the site's maintenance team and all parts of the equipment received grit blasting and than cleaned using Belzona 9111. All areas requiring rebuilding was completed using Belzona 1121 due to the extended working life and the overcoat window time. Belzona 1321 was used for the internal coating and Belzona 4311 was used on the externals of the equipment.

## BELZONA FACTS

The customer is pleased with the Belzona technical support and products used on this equipment and know the pumps will perform well and provide a timely service.

## INDUSTRY

Oil & Gas

## LOCATION

Ontario

## APPLICATION DATE

January 2024

## PRODUCTS

Belzona 1121 (Super XL-Metal)  
Belzona 1321 (Ceramic S-Metal)  
Belzona 4311 (Magma CR1)  
Belzona 9111 (Cleaner Degreaser)

## SUBSTRATE

Carbon steel

## PHOTOS

1. Preparation in progress for rebuilding of pumps bowls and suction bell as per the IFU
2. Repaired areas of pump bowls using Belzona 1121
3. First coat of Belzona 1321
4. Second coat of Belzona 1321

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