

Mean Time Between Shaft Replacement Going From 1 to 8 Years

Water Treatment | Dirty Water | Mechanical Seal



Application Info & Challenge

- **Equipment:** Goulds Water Pump
- **Product:** Dirty Water

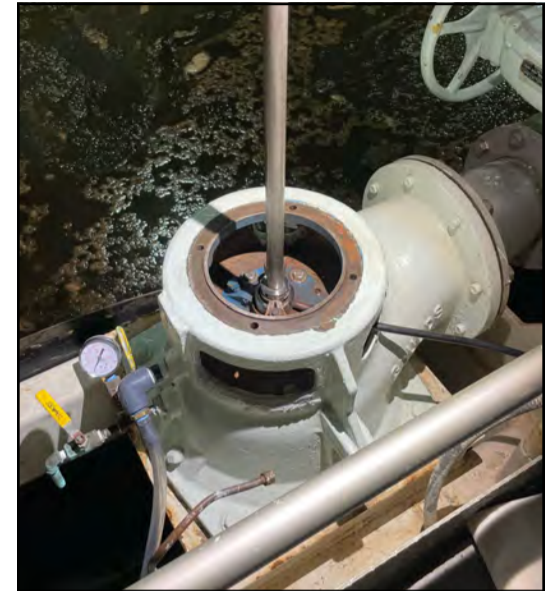
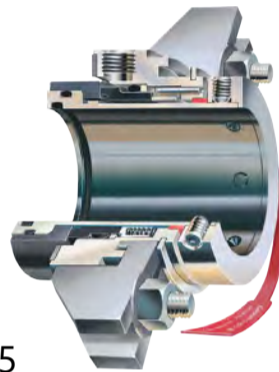
At a water treatment facility in the US, customer had issues with a Goulds water pump. Because of the dirty water, shaft had to be replaced on the pump **once a year** due to the abrasives in the water and packing friction.

Solution & Result

- Chesterton 155™ standard Cartridge Single Seal
- **SpiralTrac Version N Type B** made of Carbon Graphite (ESC) material, part# NI1000LB1750(ESC)V

Chesterton Specialist installed a Chesterton 155 mechanical seal and SpiralTrac on the Goulds water pump.

The SpiralTrac keeps the abrasives away from the seal faces, allowing the seal to operate in ideal conditions, resulting in extended seal life. Shaft replacement has gone from once a year to eight years!



Product: Dirty Water



155 Seal being installed



Chesterton Solution Installed



SpiralTrac Version N Type B

For more information please send an email to us at support@enviroseal.ca. We hope to hear from you!

