

Split Seals Deliver Reliable Wastewater Pump Sealing for Three Years Running



Wastewater | Sludge | Mechanical Seal

Application Info & Challenge

The operator of a wastewater pumping station in Mexico acquired four new pumps to replace old equipment. Originally the pumps were supplied with OEM dual seals using Plan 53A. However, the setup failed during the on-site test due to poor installation and inefficient operation of the Plan 53A.

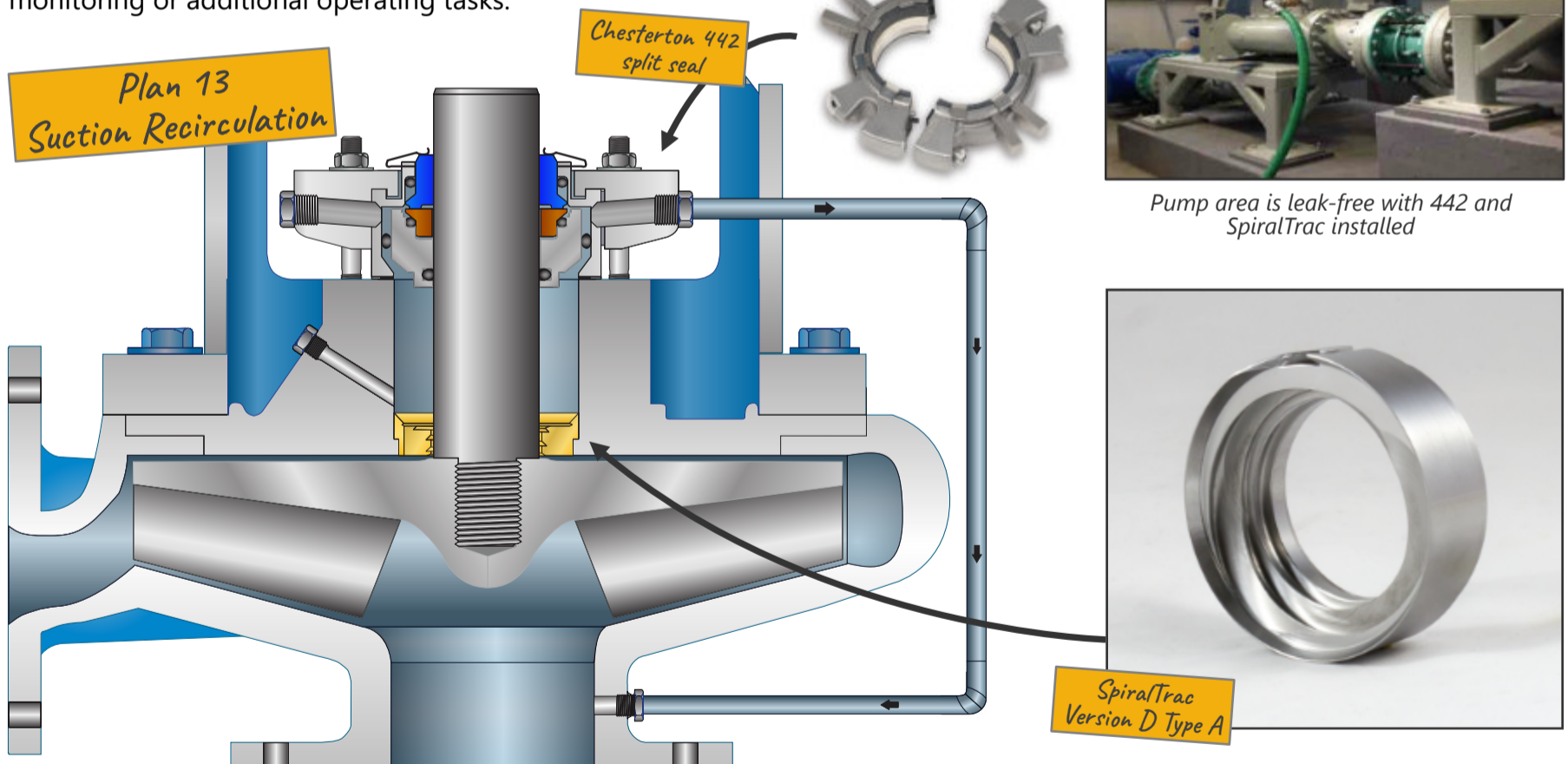
The pump operator wanted to migrate to a solution intrinsically reliable, and free of monitoring and additional operating costs.

Solution & Result

- Chesterton 442 split mechanical seal SSC/SSC EP
- **SpiralTrac Version D Type A** made of 316 SS material

Chesterton analyzed the application and recommended the use of 442 Split Seals with SSC/SSC faces and EP O-rings. Used with **SpiralTrac Version D Type A** active throat bushing technology, the solution could use Plan 13 **without any flush!**

The solution was installed on October 2015. As of July 2018 the pumps have been running leak free. These pumps have become the primary duty pumps for the customer as they provide reliability without any kind of monitoring or additional operating tasks.



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

