

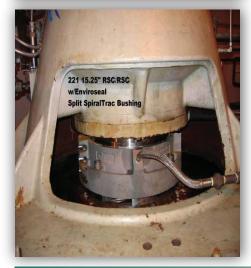


Application Success Story:

Industry: Municipal Product: Waste Water Sealing Solution: Mechanical Seal







Application Info

- Pump: 10 Fairbanks Morse pumps
- Model: K3X1-061514
- Shaft Size: 15.25" (387.35 mm)
- Product: Raw Sewage

Problem

- Packed Pumps with damage to the sleeves
- A mess in the pump room due to excessive water loss and sewage leakage

Solution

- *SpiralTrac* Version F Type S part # FI15250RS17250(ESC)
- Chesterton 221-122 Split Seals RSC vs.
 RSC Viton O-rings
- Chesterton SP50 Flowmeter

Result

- Reduced water flush from 180GPH (681LPH) to 15GPH (56LPH)
- Approx. savings of 1.5 M gals/yr per pump
- Avg. 5 years running from first installation
- Eliminated shaft sleeve replacement-cost \$13,600/pump/year
- Eliminated bearing replacement- \$6,000/pump/year
- Eliminated packing cost-\$1,500/pump x 3 times a year min.
- Cost savings per year just packing, bearings, sleeves=\$24,100 per pump x 10 pumps=\$240,100

DISTRIBUTED BY:



EnviroSea