



KLEERFLO SELF-CLEANING FILTER CASE STUDY: MINING

Client: African Rainbow Minerals – Two Rivers Platinum
Industry: Mining
Region: Steelpoort, Mpumalanga, South Africa
Product: Kleerflo Automatic Self Cleaning Filter

Challenge

- Mines recycle process water and use it for Gland Service Water (GSW)
- This water may have high suspended solids levels
- The suspended solids cause damage to equipment
- Specifically, dirty GSW will reduce the life of the slurry pump stuffing box components and gland packing.

Application

Removal of solids from Gland Service Water to protect slurry pumps

Solution

Installation of Kleerflo Self-Cleaning Filters helped to reduce the solids loads

Results

- Reduced wear and tear on the gland and shaft sleeves
- Savings in maintenance costs