


Optimum Water Reclamation Plant

Hendrina, Mpumalanga, South Africa



18 MLD
Capacity



97%
plant recovery

HiPRO™



Gypsum
recovered and
sold to industry



Supports local
water supply

Transforming mine impacted water into
Safe Drinking Water

CHALLENGES

- Managing surplus mine water generated by mining activities
- Reducing reliance on municipal water supplies
- Minimizing environmental impact through effective treatment

SOLUTION & TECHNOLOGIES

- Nafasi designed and built a plant
- Multi-stage ultrafiltration (UF) systems
- Multi-stage reverse osmosis (RO) systems

BENEFITS

- Potable water for communities
- Saleable by-product
- Reduced environmental footprint