

eMalahleni Water Reclamation Plant

eMalahleni, Mpumalanga, South Africa



45 MLD
Capacity



Over 99%
Water recovery

HiPRO™



First large-scale AMD-
to-portable treatment
Plant

Transforming mine impacted water into
safe drinking water

CHALLENGES

- Unmanaged mine impacted water.
- Polluted water sources
- No reuse potential

SOLUTION & TECHNOLOGIES

- The plant produces up to **45,000 m³/day** of drinking water with over **99%** recovery rate.
- the plant reduces contamination and supports sustainability goals.
- Gypsum sludge is recovered and sold to the manufacturing industry.

BENEFITS

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