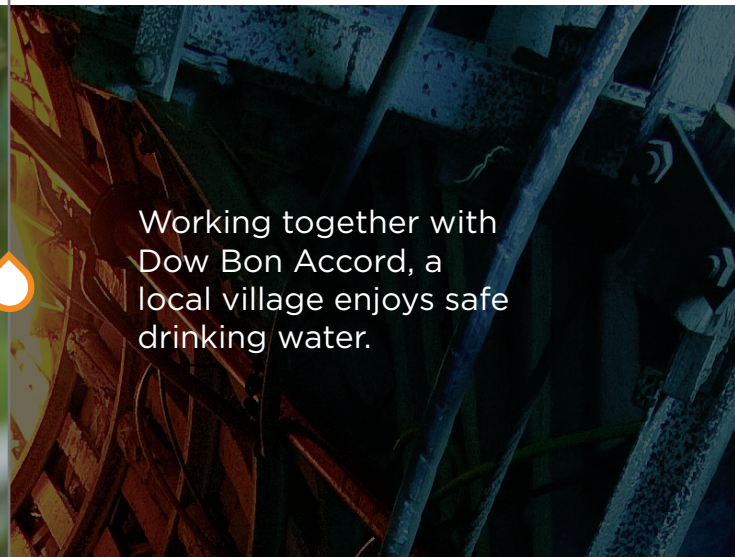


DOW BON ACCORD, SOUTH AFRICA

POTABLE WATER PLANT



Working together with Dow Bon Accord, a local village enjoys safe drinking water.

THE CHALLENGE

Dow Bon Accord needed to provide potable water to inhabitants of a local South African village. The nearest water source to the settlement was an irrigation canal, which was fed from a neighbouring dam.

OUR SOLUTION

In order to achieve the client's goals quickly and cost effectively, PROXA designed, commissioned and installed a packaged treatment plant.

HOW PROXA ADDED VALUE

PROXA took care of the design, civils and electrical works and installed the plant on-site without interrupting existing supply.

FEED WATER

Dam water

PRODUCT WATER

Potable water

PERFORMANCE TARGET

- ◇ 240 m³/day
- ◇ SANS: 241

PROCESS

- ◇ Clarification
- ◇ Ultra Filtration (UF)
- ◇ BIRM (Biological Ion Removal Media)
- ◇ Activated Carbon (the removal of odours and colour)
- ◇ UV Disinfection with chlorine dosing

SOCIAL ENGAGEMENT

PROXA worked closely with stakeholders to supply potable water to the village. We also provided training to promote local skills development.

Client: Dow Bon Accord

