



Promoting Sustainable Pipeline Development for Dolomitic Areas

In a substantial pipeline upgrade project, Marley partnered with Bofepi Project Management as part of the Department of Public Works' (DPW) infrastructure development programme.

Project Aim: The upgrade, extension and development of infrastructure on dolomitic land

Studies show that 25% of Gauteng – the commercial mining and manufacturing centre of South Africa – is located on unstable dolomite-based land, which poses a huge health and safety risk as a result of sinkholes caused by leaking pipes and the damming of water.

The Department of Public Works (DPW) launched a national infrastructure maintenance programme, which includes various projects to replace existing services at the Swartkops air force base

The Solution: Marley manufactured and supplied approximately 5300m of Weholite Stormwater Pipe

Marley Pipe Systems was chosen as the primary supplier of welded Weholite Structured Wall as well as Solid-Wall HDPE Pipe for these projects due to the proven reliability and sustainability of Marley's HDPE offering.

Characterised by its natural ability to "flex", Weholite pipe is able to adjust to different loading conditions, vibrations, stress and soil movements without causing damage to the pipe, making it a viable alternative to mitigate risk in these areas.

Project Summary

- **Contractor:** Bofepi Project Management
- **Order Value:** R8 669 995.95
- **Pipe Material:** Weholite Structured Wall HDPE Pipe
- **Pipe Supplied:** 5300m
- **Pipe Jointing:** Hot Gas Extrusion Welding

Quick Facts

