

Case Study: Northam Zondereinde Stormwater Management Project

Client: Northam Platinum Zondereinde Mine

Location: Thabazimbi Waterberg District Municipality, Limpopo

Project Duration: February 2022 - March 2023

Sector: Mining Infrastructure - Civils and Structures

Project Overview

Axsys Projects delivered an expansive concrete stormwater management system for Northam Platinum's Zondereinde Mine operations. The project addressed critical water management requirements for the mining facility whilst incorporating skills transfer to local contractors.

The scope included comprehensive surveying, bulk earthworks, and precision concrete placement across the extensive stormwater infrastructure network.

Key Deliverables

- Extensive surveying and site preparation
- Bulk earthworks and excavation
- Placement of 2,300m³ of concrete
- Complete stormwater management system construction
- Skills transfer programme for local contractors

Skills Development Impact

A key project requirement involved transferring essential construction capabilities to local contractors, covering:

- Quality management systems
- Production planning and execution
- Safety protocols and implementation
- Commercial management practices

Technical Specifications

The project required precision engineering to handle significant water volumes during seasonal rainfall, ensuring environmental compliance and operational continuity for mining activities.

Project Classification: Civils and Structures

Contract Type: Design and Build with Skills Transfer