

# KWAXOLO WATER SCHEME: BULK WATER SUPPLY



### BACKGROUND

- KwaXolo Area is located under Ugu District Municipality which is 30km South West of Port Shepstone,
- The project has a duration of 24 months.
- The project comprises of three contracts
  - ▶ 1. Construction of Hannover Pump station
  - 2. Construction of 450mm Diameter Suction Line and 400mm Diameter Rising Main to new Florida reservoir
  - ▶ 3. Construction of 5ML Concrete Reservoir
- All three contractors have reach practical completion stage

### PROFFESIONAL TEAM

Main Contractors

► Sub contractors

Social Facilitator

- Hannover Pump station Amangqamgqeshe JV
- Rising main Thubalam Trading
- Concrete Reservoir Zamisanani Projects
- Mavico Trading
  - Verve Consulting

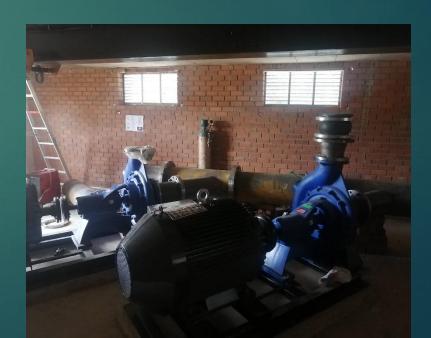




#### HANNOVER PUMPSTATION PROGRESS

- Construction of the pump house has been complete
- Installation of the Pump and motors has been complete
- Fittings have been installed
- MCC Panel and connection of electricity outstanding





#### SUCTION LINE AND RISING MAIN PROGRESS

- Construction of the suction line complete
- Construction of the rising main complete
- Fittings have been installed
- Connection of the suction line to the pump station and connection of the pump station to the rising main outstanding





#### 5ML CONCRETE RESERVOIR

- Construction of the reservoir complete
- Construction of the inlet outlet chamber complete
- Fittings have been installed
- Water testing still outstanding
- Connection of the rising main to the reservoir still outstanding





### Civil Services Progress

- Reservoir structure 1 no
- Minor structures 1 no
- Pump house 1 no
- Pipe work 3800 m
- Air Gate and Isolation valve chambers 9 no
- Centrifugal pumps 2 no
- Contractors are finalizing the connections
- Then testing and commissioning of the system

# Financials (Top structures & Civils Services)

- Sub Contractors
- Labour (60 Labour)
- Grand Total
- Expenditure to date
- Remaining Balance

R 5 200 000.00 R1 295 355.36 R46 533 870.45 R 42 450 088.65 R 4 083 781.81

## Challenges

Installation of the MCC panel is delaying and this contribute delays on Eskom's power connection

- Additional work required on the Rising main is the connections which includes both bulk meter chamber and a bulk meter.
- Hard Rock encountered on the outlet chamber of the reservoir
- Reservoir outlet connection is dependent on other contract that have not be completed yet

# Project Photos



