



INTERNET ARTICLE

NWRI: Central Operation completes Tutuka Pump Station

18 October 2017

The Department of Water and Sanitation, under the National Water Resource Infrastructure (NWRI): Central Operation office has completed the project of repairing, servicing and replacing the condition monitoring instruments in the Tutuka Pump Station.

Tutuka Pump Station is situated in Usutu-Vaal Area Office, near Standerton, Mpumalanga Province. It is used for supply of water to canals and other infrastructure systems.

According to Mr Vincent Arms (the project manager) “The completed project was to install eight (08) temperature probes and three (3) vibration sensors in the Tutuka Pump Station”.

The objective of installing temperature probes and vibration sensors in the pump station is to monitor the operation systems, minimise the risk of equipment damages and injuries to personnel and regulate the operation of machines.

The project manager added that “the project was a success and we did not encounter any major challenges during the project”.

“Temperature probes are used for measuring temperature and detect abnormal temperatures on the bearings and for stopping the operation of the pump line. Vibration sensors detect the sensitivity of the bearings and stop the pump line in case of abnormal behaviour”, explained project manager.

Mr Arms said that conducting operation and maintenance to the pump station will improve the working condition and the performance of the station.

DWS is committed in ensuring that its pumping stations are being serviced to provide effective and efficient supply of Bulk Raw Water for Economic growth, social development and poverty eradication.

Emmah Maluleke