



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

INTERNET ARTICLE

Teebus Pump Station receives maintenance project.

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The Department of Water and Sanitation, under the Directorate: National Water Resource Infrastructure (NWRI): Central Operations has recently completed the refurbishment of Pepper pot Valve at the Teebus Pump Station.

The station is located in the Free State Province. It has been going under maintenance project from January 2017.

According to the Project Manager, Mr Steve van der Westhuizen, the working conditions has now improved at the underground control works at shaft 7 of the Orange fish Tunnel.

“The main challenge of the station was the nozzle damage and corrosion protection damage on the valve by turbulent water conditions during operation”, said Van der Westhuizen.

The objective of the project was to refurbish valve according to the department standards before the annual dry period of the tunnel so that the valve can be reinstalled in the valve chamber.

“Our main challenge during the maintenance project was inadequate quality control from the subcontractor refurbishing the valve and this contributed to the project being completed closer to the dry period than we expected”, explained the Project Manager.

The Department of Water and Sanitation is now able to release the correct amount of water through the tunnel and also to transfer water from the Orange River scheme to the Fish River.

According to the Project Manager, Steve van der Westhuizen, Pump Stations are used for a variety of infrastructure systems, such as the supply of water to canals, the drainage of low-lying land, and the removal of sewage to processing sites.

Mr van der Westhuizen concluded by saying that “The maintenance project was completed successfully although it took longer that it was expected but the valve was received back on the site before the dry period and we were able to install the valve during the dry period”.

Emmah Maluleke