



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

INTERNET ARTICLE

Partnership aid drought situations

01 February 2016

On Saturday, 23 January 2016 Adcock Ingram, Department of Water and Sanitation (DWS) together with the Moqhaka Local Municipality donated 25 litres water containers amounting to 1 200. Apart from that, 200 wheelbarrows were also donated to the Rammulutsi Community, specifically at Lucas Tsheke Location affectionately known as Marikana.

Moqhaka Local Municipality (LM) is one of the municipalities that falls under Fezile Dabi District and comprises of three towns namely: Kroonstad, Steynsrus and Viljoenskroon. The three towns were already experiencing challenges pertaining to water supply, due to the recent drought situation. DWS supported the Municipality with assessing and identifying key boreholes to be refurbished and equipped, drilled and connected five boreholes to the existing infrastructure to augment the water supply. The Kroonstad water treatment plant was refurbished and this will in turn improve the water supply by optimising the plant to its original design capacity, once the flow of water is back to normality.

DWS requested sponsorship from various private companies for assistance of water supply. Adcock Ingram stepped up to the plate and came on board to distribute water in Viljoenskroon. The community came out in numbers with children and their parents showing how dire the situation really is. The children were thoroughly taken care of as they were pampered with snacks and sweets while the parents each received a 25 litre container of water. The DWS, Adcock Ingram partnership will not come to pass as it will be expanded to other municipalities in the Free State that are in the same situation.

Despite the partnership, the Department of Water and Sanitation also contributed two water trucks with the capacity of 18 000 litres to assist in distribution of water within the municipality due to drought as a short term intervention for the community to get water. DWS appeal to more companies to advance their efforts to assist communities where help is needed. Working together we can do more. .

Some of the interventions recommended by the audit report include, fencing of the quarry to prevent access by members of the community, construction of a pipeline (355 mm diameter x 850 m long) for distribution of treated effluent from the WWTW to the quarry, bio-remediation dosing of the quarry and construction of an overflow structure to discharge pipe to Taaibosspuit.

These are some of the interventions which are estimated to cost R6 million. Overall, the report recommends that the long-term solution to address the overloading of Refengkgotso WWTW is the upgrading of some of it's components.

Metsimaholo Municipality is planning to upgrade the facility from 2.0 MI/d to 6.0MI/d. Some aspects of redesigning the plant had commenced before the audit was initiated work will therefore continue.

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