

CURRENT RESEARCH, DEVELOPMENTS, PROJECTS AND PROGRAMMES FOR NORTH WEST REGIONAL OFFICE

Title	Aim	Contact	Role-Players	Time Frames	Comments / Notes
Assessment of GW Monitoring boreholes in the Crocodile (West) - Marico WMA	To ensure a good quality monitoring network in the region and to ensure continuous and reliable routine monitoring	<p>Mr. R Botha botar@dws.gov.za</p> <p>Ms R. Mpe mper@dws.gov.za</p>	Department Water Sanitation (DWS) North West Regional Office	On Going	Assessment report compiled
Groundwater Master Plan	Master plan for Groundwater in the Crocodile (West) – Marico WMA to be finalised	<p>Mr. R Botha botar@dws.gov.za</p> <p>Ms R. Mpe mper@dws.gov.za</p>	Department Water Sanitation (DWS) North West Regional Office	On Going	Draft presented to North West Management Committee (MANCO), in process of reviewing
Groundwater Assessment and Management Project (GWAP) in the Crocodile (West) - Marico WMA	To develop groundwater management plans for individual municipalities within the Water Management Area (WMA) and to assist in proper utilisation and management of groundwater resources	<p>Mr. R Botha botar@dws.gov.za</p> <p>Ms R. Mpe mper@dws.gov.za</p>	<p>Department Water Sanitation (DWS), Gauteng Regional Office</p> <p>in collaboration with respective Municipalities of interest</p>	On Going	Dependent on funding being available on DWS North West Office

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Marico River catchment hydrology study	Review of the hydrology of the Marico River catchment and yield of the Molatedi Dam	Mr. R Botha bothar@dwa.gov.za T Nditwani nditwanit@dwa.gov.za	Department Water Sanitation (DWS), Gauteng Regional Office in collaboration with Republic of South Africa (RSA) DWA Directorate: NWRP, & Botswana DWA	Study completed 2010.	Implementation of findings being negotiated with stakeholders. Best use of methodology to model interaction between Groundwater and Surface Water used There are some legal issues hampering the finalisation of reduced allocations from Molatedi Dam
Water level assessment for Water Resources Management (WRM) purposes	To assess sustainable use of Groundwater resources	Mr. R Botha botar@dws.gov.za Ms R. Mpe mper@dws.gov.za	Department Water Sanitation (DWS) in collaboration with water users	Continuous	Required to address' alleged concerns regarding over-utilisation of Groundwater resources
Joint monitoring with Botswana	To assess impacts of dams constructed in Molopo River on Groundwater levels	Ms R. Mpe mper@dws.gov.za	Republic of South Africa (RSA) Department Water Sanitation (DWS) in collaboration with Botswana DWA	Continuous	Meeting held Nov 2011 to establish forum to coordinate monitoring activities, including the joint Groundwater monitoring
Support to geohydrologist appointed in Ngaka Modiri Molema District Municipality	Support the appointed geohydrologist in delineating his tasks and provide 'in-kind' support in field activities	Mr. R Botha botar@dws.gov.za Ms R. Mpe mper@dws.gov.za	Department Water Sanitation (DWS), North West Regional Office and Ngaka Modiri Molema (NMM) District Municipality	Continuous	Support is provided as required by Ngaka Modiri Molema District Municipality