

## CURRENT RESEARCH, DEVELOPMENTS, PROJECTS AND PROGRAMMES FOR FREE STATE REGIONAL OFFICE

Title	Aim	Contact	Role-Players	Time Frames	Comments / Notes
Verification of groundwater use of every user as validated by Schoeman and Partners in the Middle Vaal Water Management Area (WMA)	To verify the findings of PSP and all groundwater uses in the Middle Vaal WMA	Mr. V. Blair	Department Water Affairs Free State Region: Directorate: Institutional Oversight Sub-Directorate Water Use  Directorate: Water Sector Support Sub-Directorate Planning and Operation & Maintenance (Groundwater Division)	2008/09 – March 2012	<ul style="list-style-type: none"> <li>• No feedback from PSP</li> </ul> As at beginning of July 2010: <ul style="list-style-type: none"> <li>• 48 of 58 Quaternary catchments within the Middle Vaal WMA received correspondence regarding verification applications. Nearly 10% of applicants are in disagreement with the validation report.</li> <li>• Final verifications results include up to 10% of verification process as captured on WARMS and determined as "Lawful".</li> </ul>
Validation and verification of all water uses (groundwater and surface water) within the Upper Orange WMA	To identify all users who have registered their water use entitlements correctly; who have registered uses to which they are not entitled to; who have unlawful use; who have omitted to register uses to which they are entitled; and who have not registered their use at all.	Mr. V. Blair	Department Water Affairs Free State Region: Directorate: Institutional Oversight Sub-Directorate Water Use  Directorate: Water Sector Support Sub-Directorate Planning and Operation & Maintenance (Groundwater Division)	July 2011 – August 2013	MHP Geospace appointed as a Professional Service Provider

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<p>Establishment of groundwater monitoring and data management programmes within the Middle Vaal and Upper Orange WMAs</p> <p>Establishment of groundwater monitoring and data management programmes for local municipalities within the Free State Province</p>	<p>To have sufficient and effective groundwater monitoring networks within all quaternary drainage regions within the Middle Vaal and Upper Orange WMA</p>	<p>Mr. A. Jones</p>	<p>Department Water Affairs Free State Region: Directorate: Water Sector Support Sub-Directorate: Planning and Operation &amp; Maintenance (Groundwater Division)</p> <p>Directorate: Institutional Oversight Sub-Directorate: Water Use</p>	<p>pending</p>	<p>Pending approval for the establishment of Regional and Municipal Groundwater Monitoring Networks</p>
<p>Groundwater Assessment Project (GWAP) through Regional Bulk Infrastructure Grant Programme</p>	<p>Sustainable development of groundwater resources for bulk supply purposes and effective groundwater management</p>	<p>Mr. A. Jones / Mrs. M Ntwaeaborwa</p>	<p>Department Water Affairs Free State Region: Directorate: Water Sector Support Sub-Directorate Planning and Operation &amp; Maintenance (Groundwater component)</p>	<p>Ongoing</p>	<p>Currently commissioned in Setsoto Local Municipality</p>
<p>Metsi Bophelo Borehole Project</p>	<p>To provide groundwater dependent communities with increases and sustainable supply to groundwater resources</p>	<p>Mr. A. Jones</p>	<p>Department Water Affairs Free State Region: Directorate: Water Sector Support Sub-Directorate Planning and Operation &amp; Maintenance (Groundwater component)</p> <p>Trans-Caledon Tunnel Authority (TCTA)</p>	<p>To be completed by end-October 2011</p>	<p>Currently commissioned in Setsoto Local Municipality for the towns of Ficksburg, Marquard and Clocolan</p>