



## water & sanitation

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**

DEPARTMENT OF WATER AND SANITATION  
CLOSING DATE: 13 OCTOBER 2023

NOTE: Interested applicants must submit their applications for employment to the address specified on each post. Applications must be submitted using the newly implemented Z83 form obtainable on the Department of Water and Sanitation's website, under career opportunities or the DPSA website, under vacancies in the Public Service (point 4) and should be accompanied by a comprehensive CV (with full particulars of the applicants' training, qualifications, competencies, knowledge & experience). All required information on the Z83 application form must be provided. Other related documentation such as copies of qualifications, identity document, driver's license etc need not to accompany the application when applying for a post as such documentation must only be produced by shortlisted candidates during the interview date in line with DPSA circular 19 of 2022. With reference to applicants bearing professional or occupational registration, fields provided in Part B of the Z83 must be completed as these fields are regarded as compulsory and such details must also be included in the applicants CV. For posts requiring a driver's license, annotate such details on CV. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. A SAQA evaluation certificate must accompany foreign qualification/s (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. Candidates will be required to complete a financial disclosure form and undergo a security clearance. Foreigners or dual citizenship holders must provide a police clearance certificate from country of origin (only when shortlisted). The Department of Water Sanitation is an equal opportunity employer. In the filling of vacant posts, the objectives of section 195 (1) (i) of the Constitution of South Africa, 1996 (Act No: 108 of 1996) the Employment Equity imperatives as defined by the Employment Equity Act, 1998 (Act No: 55 of 1998) and relevant Human Resources policies of the Department will be taken into consideration. Correspondence will be limited to short-listed candidates only. If you do not hear from us within three (3) months of this advertisement, please accept that your application has been unsuccessful. Faxed or emailed applications will not be considered. The department reserves the right not to fill these positions. Women and persons with disabilities are encouraged to apply and preference will be given to the EE Targets.

POST: SCIENTIST PRODUCTION GRADE A - C REF NO: 131023/07

BRANCH: PROVINCIAL OPERATION: MPUMALANGA DIR: WATER AND SANITATION SERVICES MANAGEMENT  
SALARY: R687 879 – R1 035 084 per annum (all-inclusive OSD packages), (offer will be based on proven years of experience)

CENTRE: Mbombela

REQUIREMENTS: A Science degree (BSc) (Hon) or relevant qualification in Geohydrology / Hydrology / Earth Science specialized in Groundwater Studies. Compulsory registration with the SACNASP as a Professional Natural Scientist. Three (3) years post qualification natural scientific experience in Geohydrology / Hydrology / Earth Science fields. Good sound knowledge of geohydrological processes, groundwater assessment and integrated water resources management. The disclosure of a valid unexpired driver's license. Knowledge and experience in the following will serve as an added advantage: Acquisition, auditing and provision of groundwater related data, geological borehole descriptions and logging, geophysics, monitoring network maintenance and extension, GIS, HYDSTRA, NGA/NGDB and applications in groundwater assessment and monitoring. Technical report writing skills. Proven knowledge, understanding and use of specialized software applications in the field of groundwater. Be able to apply, analyze and interpret various groundwater models. Ability to apply scientific research, methodologies, and project management principles. Computer aided scientific applications. Presentation skills. Problems solving and analysis, abilities, and negotiation skills. Good communication skills both (verbal and written). People and Conflict Management. Willingness to travel.

DUTIES: Implement National Water Act with focus on groundwater protection and management, groundwater protocol, groundwater strategies. Monitor and evaluate programme performance and perform scientific functions that require interpretation in the absence of an established framework. Assist with groundwater monitoring, assessment, and reporting systems in the region. Create public awareness of the science system. Apply appropriate scientific data, information and advice as requested. Interpret, evaluate, and analyses scientific data. Provide groundwater specialist input on water use license applications for mining, industries, municipalities, urban development, and agriculture activities. Conducting of site inspections and attend meetings for various water use licence applications. Liaise with clients and other stakeholders to obtain outstanding information on groundwater reports submitted. Promote groundwater protection and management through the water use authorization process and implement DWS's role and function with respect to groundwater protection and management. Provide assistance in drafting of specific

groundwater license conditions. Interpretation and analysis of ground water data submitted. Manage special geohydrological projects.

ENQUIRIES: Ms M Ralushai, Tel No: (013) 759 7524 Ms / FM Mkhwanazi, Tel No: (013) 759 7515 / Ms PC Ngwamba, Tel No: (013) 759 7446 / Mr SG Nkosi, Tel No: (013) 759 7335

APPLICATIONS: Mpumalanga (Mbombela) Please forward your applications quoting the relevant reference number to The Department of Water and Sanitation, Private Bag X11259, Mbombela, 1200 or Hand Deliver at Cnr Brown & Paul Kruger Street, Ground Floor, Prorom Building, Mbombela, 1200. For Attention: Ms FM Mkhwanazi