



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 27 February 2026

NOTE: Interested applicants must submit their applications via the online link <https://erecruitment.dws.gov.za/> 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 on the online Z83 must be completed as these fields are regarded as compulsory. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. Shortlisted candidates will be subjected to suitability checks (SAQA verification, reference checks criminal and credit checks). SAQA evaluation certificate must accompany foreign qualifications (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. All shortlisted candidates pertaining to Senior Management Services (SMS) posts will be subjected to a technical and competency assessment and a pre-entry certificate obtained from the National School of government is required prior to the appointment. All shortlisted candidates, including the SMS, shall undertake two pre-entry assessments. One will be a practical exercise to determine a candidate's suitability based on the post's technical and generic requirements and the other must be an integrity (ethical conduct) assessment. Candidates will be required to complete a financial disclosure form and undergo 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 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: 270226/04

BRANCH: INFRASTRUCTURE MANAGEMENT: HEAD OFFICE DIR: ENGINEERING SERVICES

SALARY: R761 157 – R1 144 008 per annum (All-inclusive OSD salary package) (Offer will be based on proven years of experience)

CENTRE: Pretoria Head Office

REQUIREMENTS: A relevant BSc (Honours) Degree in Applied Geology, Geology, Geological Sciences, or relevant qualification. Three (3) years post qualification experience in the following fields: Engineering Geology, Geohydrology, Geophysics, Soil Mechanics, Rock Mechanics as a Natural Scientist. Professional Scientist registration with the South African Council of Natural Scientific Professions (SACNASP) in the field of practice Geological Sciences or Earth Sciences as a Natural Scientist. The disclosure of a valid unexpired driver's license. Working knowledge of National Water Act, 1998 (Act No 36 of 1998), Dam Safety Regulations, 2012 (No. 35062) and related policies. Computer literacy. Working knowledge of relevant Engineering Geological and Geotechnical Engineering legislation and related policies. Knowledge of National Environmental Management: Waste Act 2008 and Mineral and Petroleum Resources Development Act 2002 Act for Borrow Areas, Quarry Development and Stock Piling. Knowledge of PFMA and Treasury Regulations 16. Knowledge of Occupational Health and Safety Act. Ability to review technical and scientific reports and provide recommendations. Exposure to construction environment management. Technical report writing skills. Ability to provide technical and scientific support to Department of Water and Sanitation (DWS) units and other government departments. Professional Judgment. Good communication, presentation, and networking skills. People management skills. Planning, organising, conflict management and change management. Excellent problem solving and analysis. The ability to work independently, to interact with communities, Professional Service Providers (PSPs) and planning partners in the water sector. Willingness to travel extensively all over the country and work irregular hours.

DUTIES: Provide geological services towards the development, maintenance, rehabilitation, and refurbishment of bulk water infrastructure projects. This includes amongst others, the development of geological and geotechnical investigation programmes at different construction phases and development of financial proposals and Terms of References. Development of soil and rock laboratory testing programmes that take into consideration local geology, geohazards and codes of practice for development on problem soils and dolomitic land. Compilation of Foundation and Material Investigation programmes and reports for the design and construction of Category II and III dams, sourcing of construction materials and modelling probabilities of failure in slopes, embankments, and reservoirs. Compilation of Environmental Management Programmes for geotechnical investigations. Provide technical inputs to DWS civil engineering projects. Provide technical support to regional and cluster offices on projects. Represent the Department in various fora including participation in the technical committee meetings for projects. Assist in the management of

PSPs where required. Attend meetings and manage conflict among various stakeholders during the implementation of geological and geotechnical projects.

ENQUIRIES: Dr N Mgabisa, Tel No: (012) 336 8561

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