



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 21 AUGUST 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. *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. (Individuals who have completed the course already, and who are therefore in possession of a certificate are welcome to submit such, however, it is not required that an applicant submit such when applying for the post prior to the closing date. The link for the completion of the course for the certificate for the pre-entry into SMS can be found on <http://www.thensg.gov.za/training-course/sms-pre-entry-programme/>. 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: 210823/05

BRANCH: INFRASTRUCTURE MANAGEMENT: HEAD OFFICE

SALARY: R687 879 – R1 035 084 per annum (all-inclusive OSD salary package) (offer will be based on proven years of experience)

CENTRE: Pretoria Head Office

REQUIREMENTS: Science degree (BSc) (Hon) or relevant qualification. Compulsory registration with the South African Council of Natural Scientific Professions (SACNASP) as a professional Natural Scientist. Three (3) years post qualification natural scientific experience. The disclosure of a valid unexpired driver's license. Experience in Engineering Geology, Geophysics, Soil Mechanics, and Rock Mechanics will serve as an added advantage. Knowledge of National Water Act, 1998 (Act No 36 of 18), Dam Safety Regulations, 2012 (Act No 35062), Engineering Geological and Geotechnical Engineering legislation and relegated policies. Knowledge of National Environmental Management: Waste Act 2008 and Mineral and Petroleum Resources Development Act 2002 for Borrow Areas, Quarry Development and Stock Piling. Understanding of PFMA, Treasury Regulations, Occupational Health, and Safety Act. Ability to review technical and scientific reports and provide recommendations. Exposure to construction environment management. Computer added scientific applications. Ability to provide technical and scientific support to Department of Water and Sanitation units and other government departments. Professional judgement. Good communication skills (both verbal and written). Presentation, networking, and report writing skills. People, change, conflict, and financial management. Planning and organizing. Excellent problem solving and analysis. Ability to work independently, interact with communities, and professional service providers 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. 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: Ms. N Mgabisa, Tel: 012 336 8561

APPLICATIONS: Pretoria (Head Office): Please forward your application quoting the relevant reference number to The Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver to Delta Continental Building, Corner of Visagie and Bosman Street, Pretoria. For Attention: Recruitment and Selection Unit.