

DEPARTMENT OF WATER AND SANITATION

CLOSING DATE : 23 February 2024

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 Sanitations 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 and 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.

OTHER POSTS

POST 05/04 : **CHIEF ENGINEER GRADE A REF NO: 230224/01**
Branch: Infrastructure Management: Head Office Environmental Impact Monitoring

SALARY : R1 146 540 - R1 308 036 per annum, (all-inclusive OSD salary package)

CENTRE : Pretoria Head Office

REQUIREMENTS : A Civil Engineering degree (B. Eng/BSc (Eng) with an interest in hydraulic, environmental and geotechnical engineering. Six (6) years post qualification relevant experience. Compulsory unexpired registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license. Experience in water use, waste management, water resources infrastructure design and mining facilities design and operation and review procedures. Good working knowledge of National Environment Management Act (NEMA), National Environmental Management Waste Act (NEMWA), National Water Act (NWA), Water Resources Infrastructure Development, ECSA Board Notices, Public Finance Management Act (PFMA) and associated legislation. Knowledge of programme and project management. Knowledge and experience in engineering, legal and operational compliance, technical drawing interpretation, risk management, technical report writing, research and development skills, engineering and professional judgement, communication, excellent literacy and numeracy skills both verbal and written. Computer skills, people management skills, planning and organising. Conflict management, negotiation skills and change management. Strategic capability and leadership, problem solving and analysis, decision making, team leadership, creativity, financial management, customer focus and responsiveness. Preference will be given to a self-motivated candidate who demonstrate a master's or equivalent post-graduate level knowledge in geotechnical engineering and geosynthetics and who takes responsibility for their actions and possess a strong ethics base.

DUTIES : Integration of environmental requirements in planning and design of water resources infrastructure. Evaluate water use license applications designs including those of waste management and mining facilities. Advise other chief directorates on civil design specifications to ensure compliance with environmental statutes and other relevant prescripts. Evaluating, editing and authorising all designs, reports, engineering drawings and specifications. Provide professional and technical advice on support services within the Directorate as well as to other directorates and organizations. Keep abreast with the latest developments in the fields of Integrated Environmental Engineering and formulating new guidelines and standards to reflect the latest trends. Mentoring and training graduate

trainees, candidate engineers and technicians. Provide leadership and guidance to production engineers. Managing administrative, financial and personnel-related functions.

**ENQUIRIES
APPLICATIONS**

: Mr Karl Bester Tel No: (012) 336 7119
: 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
NOTE**

: Planning, Recruitment & Selection Unit
: This appointment will be made on the minimum notch of the salary range, however, a higher notch within the salary range of Grade A will be considered based in relation to the provisions of the Public Service Regulation 2016 as amended, i.e. provision of the candidate's current salary advice.

POST 05/05

: **SCIENTIST MANAGER: GRADE A REF NO: 230224/02**
Branch: Water Resource Management Geohydrological Information Services

**SALARY
CENTRE
REQUIREMENTS**

: R990 747 per annum, (all-inclusive OSD salary package)
: Pretoria Head Office
: MSc Degree in Geohydrology / Geology / Hydrology or relevant science qualification. Six (6) years post BSc Natural Scientific experience. Compulsory unexpired registration with SACNASP as a Professional Natural Scientist. The disclosure of a valid unexpired driver's license. Working experience in the following fields will serve as an advantage: Groundwater Resource Monitoring, Management of National groundwater information systems. Working knowledge and expertise in the acquiring, capturing, auditing and dissemination of groundwater processes. Working knowledge in National Water Act, 1998 (Act No 36 of 1998).

DUTIES

: Acquiring, capturing, auditing and dissemination of groundwater data. Lead and ensure the development of National Information Groundwater information services Portfolio and business processes. Ensure the compilation of geohydrological information products. Ensure the development and implementation of standards related to geohydrological data and information. Provide technical support and training to Provincial geohydrological data management component. Provide scientific expertise in the rendering of geohydrological advisory services. Management of diverse team of technical personnel.

**ENQUIRIES
APPLICATIONS**

: Mr LZ Maswuma at 082 808 6380
: 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

: Planning, Recruitment & Selection Unit

POST 05/06

: **ENGINEER PRODUCTION GRADE A - C REF NO: 230224/03**
Branch: Infrastructure Management: Head Office
Dir: Environmental Impact Monitoring

**SALARY
CENTRE
REQUIREMENTS**

: R795 147 - R1 197 978 per annum, (all-inclusive OSD salary package), (offer will be based on proven years of experience)
: Pretoria Head Office
: A Civil Engineering degree (B Eng/ BSc (Eng) or relevant qualification. Three (3) years post qualification experience in Engineering. Compulsory unexpired registration with Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired drivers license. Knowledge and experience in the following fields will serve as an added advantage: Experience in water use, waste management and mining facilities design, operation, and review procedures. An interest in hydraulic, environmental, and geotechnical engineering. Knowledge and understanding of National Environment Management Act (NEMA), National Environmental Management Waste Act (NEMWA), National Water Act (NWA), Water Resources Infrastructure Development, ECSA Board Notices, Public Finance Management Act (PFMA) and associated legislation. Knowledge and experience in engineering, legal and operational compliance, technical drawing interpretation, risk management, research and development skills, engineering and professional judgement. Understanding of programme and project management. Technical report writing skills. Decision making, teamwork, customer focus, and responsiveness. Excellent communication skills both verbal and written. Strong ethics base.

DUTIES

: Integration of environmental requirements in planning and design of water resources infrastructure. Evaluate water use license applications designs including those of waste management and mining facilities. Advise other chief directorates on civil design specifications to ensure compliance with environmental statutes and other relevant prescripts. Evaluating, editing, and authorising all designs, reports, engineering drawings and specifications. Provide professional and technical advice on support services within the directorate as well as to other directorates and organizations. Keeping abreast with the latest developments in the fields of Integrated Environmental Engineering and formulating new guidelines and standards to reflect the latest trends. Mentoring and training Graduate

Trainees, Candidate Engineers, and Technicians. Managing administrative, financial, and personnel-related functions.

ENQUIRIES APPLICATIONS : Mr Karl Bester Tel No: (012) 336 7119
: 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 : Planning, Recruitment & Selection Unit

POST 05/07 : **SCIENTIST PRODUCTION GRADE A - C REF NO: 230224/04**
Branch: Provincial Coordination and International Cooperation Western Cape
Dir: Water Resources Support
Sub Dir: Water Resources Protection

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

CENTRE REQUIREMENTS : Bellville
: A Science Degree (BSc) (Hon) or relevant qualification in Hydrology / Marine Science / Freshwater Ecology / Botany / Zoology. Three (3) years post qualification Natural Science experience. Compulsory unexpired registration with SACNASP as a Professional Natural Scientist. The disclosure of a valid unexpired driver's license. Sound knowledge of integrated water resource management, wetland management, estuary management or hydrology. Understanding of the water resource classification system and its application thereof. Knowledge and experience in writing scientific reports is essential. Understanding and knowledge of water quality instream and water use authorisation. Implement principles of national water act in terms of protection, development, use and management of water resources in National Water Act, 1998 and related legislation. Knowledge and understanding of the water sector: relevant legislations (NWA, CARA and NEMA, MPRDA) together with the related policies, regulations, principles, guidelines, tools, and procedures, policy development, implementation, and monitoring. Excellent communication skills including verbal, report writing, and presentation skills. Sound interpersonal skills as well as the ability to work in a multi-disciplinary team. Proven liaison and networking skills especially as they relate to Corporative Governance and stakeholder engagement. Computer skills. People management and conflict management. Willingness to work abnormal hours and under pressure as well as travel country wide.

DUTIES : Implement National Water Act with focus on water resource protection and management. Monitoring of water resources as well as estuaries. Review and provide scientific comments on projects. Provide specialist input on water use license applications for 21 C and I related water uses as stipulated in the National Water Act. Conduct site inspections and attend meetings for various water uses. Liaise with clients and other stakeholders to obtain outstanding information on freshwater reports. Assist with implementation of reserve requirements for quantity and quality of water resources. Promote water resource protection and management of environmental water uses and implement DWS's role and function with respect to water resource protection and management. Provide assistant in drafting of instream water use license conditions. Interpretation and analysis of water resource data submitted and monitoring of surface water resources. Support the assessors during pre-consultation meeting for 21 C and I related WUL Applications. Mentor young professionals.

ENQUIRIES APPLICATIONS : Ms M Lintnaar-Strauss Tel No: (021) 941 6178
: Western Cape (Bellville): Please forward your application quoting the relevant reference number to the Provincial Head: Western Cape, Department of Water and Sanitation, Private Bag X16, Sanlamhof, 7532 or hand deliver to Sigma Building, 3 Blanckenberg Road, Bellville.

FOR ATTENTION : Mr V Mzimba

POST 05/08 : **CONTROL ENGINEERING TECHNICIAN GRADE A REF NO: 230224/05**
Branch: Regulation Compliance and Enforcement
Sub Dir: Dam Safety Engineering

SALARY : R499 275 per annum
CENTRE : Pretoria Head Office
REQUIREMENTS : A National Diploma in Engineering or relevant qualification. Six (6) years post qualification technical engineering experience. Compulsory unexpired registration with Engineering Council of South Africa (ECSA) as a Professional Engineering Technician. The disclosure of a valid unexpired driver's license. Knowledge of programme and project management. Knowledge of technical design and analyses of dams. Significant dam engineering experience related to design, flood hydrology, construction, management, and safety of dams. Knowledge of the water sector and relevant legislation (including but not limited to the Chapter 4 and Chapter 12 of National Water Act (NWA, Act No. 36 of 1998) and the Dam Safety Regulations published in Government Notice R. 139 of 24 February 2012). Understanding of research and development. Computer aided engineering applications including relevant computer software knowledge. Technical report writing, networking, and professional judgement. Problem solving and analyses, decision making, team leadership,

creativity, self-management, customer focus and responsiveness. Sound interpersonal and leadership skills. Strong verbal and written communication skills. Planning, organizing and people management. Willingness to travel throughout South Africa for the execution of some duties.

DUTIES

: Investigate, analyse, and recommend classification of dams. Evaluate applications of Approved Professional Persons (APPs). Evaluate and investigate engineering aspects of license applications for the construction of new dams, alteration of existing dams, first filling and operational aspects of dams. Monitor the safety evaluation and investigation reports and carry out risk assessments of dams. Follow-up on dam safety betterment work with dam owners. Liaise with Regional Offices, dam owners, professional persons, APPs, and the public regarding dam safety matters. Conduct dam safety inspections at dams with a safety risk. Respond to emergency situations, such as dam failures, at dams and action Emergency Preparedness Plans (EPPs). Conduct site visits to illegal or unlawful constructed dams and compile technical reports for the issuance of illegal dam letters and directives. Develop and maintain guidelines and policies. Advise on dam safety matters and legislation. Generate reports and statistics to measure progress with the Dam Safety Program. Support the Chief / Specialist Engineer with all reasonable requests pertaining to dams with a safety risk. Manage Candidate, Production Engineering Technicians, Candidate and Production Engineering Technologists and Candidate Engineers reporting to him/her. Assist with the development of Candidate Engineering Technicians for registration as professionals. Assist and manage the Dam Safety Regulation database (Microsoft Access Database). Assist with compiling the Annual Report and Annual Performance Plan. Assist the Director with technical inputs, data, statistics, and other reasonable requests.

ENQUIRIES

APPLICATIONS

: Mr. W Ramokopa Tel No: (012) 336 7953
: Pretoria (Head Office): Please forward your application quoting the 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

: Planning, Recruitment and Selection Unit

POST 05/09

: **CHIEF ARTISAN GRADE A (CIVIL) REF NO: 230224/06**
Branch: Infrastructure Management: Northern Operation
Dir: Civil Maintenance

SALARY

CENTRE

REQUIREMENTS

: R434 787 per annum
: Tzaneen
: An appropriate Trade Test Certificate. Ten (10) years post qualification experience required as an Artisan/ Artisan Foreman. The disclosure of a valid unexpired driver's license. Knowledge of legal compliance. Knowledge of technical analysis. Computer aided applications. Knowledge of technical report writing. Understanding of project management. Team leadership, production process knowledge and skills. Problem solving and analysis. Decision making, ability to work independently and in a team. Analytical and creativity skills. Good communication and interpersonal skills. Computer skills, planning, organising and execution. Willingness to travel throughout South Africa for the execution of some duties.

DUTIES

: Manage plumbers, carpenters, painters, building and construction workers. Planning and organizing of work according to the budget implementation. Construction and maintenance of civil structures on the scheme. Manage standby and after hours services. Ensure compliance with Occupational Health and Safety Act. Manage civil maintenance teams and workshop. Ensure compliance with prescribed specifications and standards to ensure safe and serviceable infrastructure through planned maintenance, scheduled and unscheduled repairs and refurbishment projects. Manufacture items from own planning and drawings. Source, liaise and obtain quotations from suppliers and ensure product compliance to specifications and standards. Manage and evaluate staff performance on an on-going basis. Manage administrative and related functions. Ensure compliance with Occupational health and safety. Conduct inspections, dam safety inspections and asset verifications.

ENQUIRIES

APPLICATIONS

: Mr KS Thantsha Tel No: (015) 307 8600
: Northern Operations (Tzaneen): Please forward your application quoting the relevant reference number to The Department of Water and Sanitation: The Area Manager, Tzaneen Area Office, Private Bag X4012, Tzaneen, 0851.

FOR ATTENTION

: HR Section

POST 05/10

: **SURVEY TECHNICIAN PRODUCTION GRADE A - C REF NO: 230224/07**
Branch: Water Services Management
Cd: National Water Resource Information Management

SALARY

CENTRE

REQUIREMENTS

: R353 013 – R531 117 per annum, (offer will be based on proven years of experience)
: Pretoria Head Office
: A National Diploma in Survey / Cartography or relevant qualification. Three (3) years post qualification technical experience in land acquisition, property verification, land valuation, cadastral surveys and/or engineering / topographical / hydrological surveys for dam basins and related water infrastructure

such as pipelines, canals, and reservoirs. Compulsory unexpired registration with the South African Geomatics Council (SAGC) as a Survey/Surveyor Technician. The disclosure of a valid unexpired driver's license. Knowledge of processes and legislation relating to the land survey environment. Good communication skills in technical consulting and professional judgement. Sound knowledge of Survey equipment operation. Knowledge of Survey design and analysis. Research and development skills in the Survey field. Certificate in computer-aided design (CAD) survey software and/or GIS applications with relevant knowledge and skills such as ArcGIS, Surpac, Model Maker, MicroStation, and GPS instruments plus post-processing. Sound knowledge of MS Office software. Creating a high-performance culture. Problem solving and analysis. Customer focus and responsiveness. Good planning and organising skills.

DUTIES

: Plan and perform cadastral or other surveys, reviews, and quality control on survey requests according to set standards and designs. Analyse, research and respond to client requests for land management related information. Continuously monitor the exchange and protection of information between operations and individuals to ensure effective knowledge management according to departmental objectives. Training and mentorship of learner interns and graduate trainees.

ENQUIRIES

: Ms C Rajah Tel No: (012) 336 8130

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

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