



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 8 March 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 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, 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.

POST: CONTROL ENGINEERING TECHNICIAN GRADE A REF NO 080324/07

BRANCH: PROVINCIAL COORDINATION AND INTERNATIONAL COOPERATION: EASTERN CAPE: WATER RESOURCES PLANNING SUPPORT

SALARY: R499 275 per annum (OSD)

CENTRE: East London

REQUIREMENTS: A National Diploma in Engineering or relevant qualification. Six (6) years post qualification technical engineering experience in either Hydrology, Water Resources Management, Water Engineering and/or Geohydrology. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineering Technician. The disclosure of a valid unexpired driver's license. Knowledge of project management, hydrology/geohydrology modelling systems and conceptual applications, integrated water sources management, technical design, and analysis. Research and Development. Computer-aided engineering applications such as hydrology models, decision support systems. Knowledge of legal compliance, technical report writing, technical consulting. Problem solving and analysis. Decision making, teamwork and creativity. Financial Management, customer focus and responsiveness, communication, computer skills. Planning and organising skills, people management.

DUTIES: Monitor the development and implementation of water resources systems operating rules. Update water resource availability / requirement patterns and infrastructure capacity, amongst others, and develop appropriate system operating rules and protocols. Water resources systems operating rules. Support and operation models or decision support systems for Water Resource Development / Management. Develop water resources planning / operation decision support systems (DSS) for the implementing Water Supply Programs. DSS for Water resources planning /operation analyses. Sound strategies and guidelines/ Procedure of Water Resource Development / Management. Expert advice in Water Resources Planning / Operations. Liaise with WSA's and Institutions on Water and Sanitation Master Plan. Innovative techniques and inputs to Water Resource Development/ Operational planning and management. Improvements in the optimal management/ development/ operation of water resources. Provide inputs into the budgeting process. Compile and submit reports as required. Provide and consolidate inputs to the technical/ engineering operational plan. Ensure the development, implementation, and maintenance database. Manage, supervise and control technical and related personnel and assets. Continuous professional development to keep up with new technologies and procedures. Research/ literature studies on technical engineering technology to

improve expertise. Liaise with relevant bodies / councils on engineering-related matter. Identification of available water resources and development needs through multidisciplinary studies at appropriate levels of detail. Involvement in the development of water management strategies. Technical services support in developing solutions to meet water requirements and evaluate technical options and associated social, economic and environmental impacts. Maintain water reconciliation strategies for various large systems and metropolitan areas. Collate data and maintain water reconciliation strategies for All Towns/Villages in planning area. Conduct water availability assessment studies including hydrological modelling of various catchments, liaise on water resource planning matters on trans-boundary water resources where necessary, liaise with water all use sectors in conceptualization of solutions including Water and Sanitation Master Plans. Provide basin-wide information on all aspects of the water resources in trans-boundary river basins such as relevant.

ENQUIRIES: Ms. B Kama Tel No. 043 701 0366

APPLICATIONS: Eastern Cape (King William's Town): Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private bag X 7485, King Williams Town, 5600 or hand deliver at the 2 Hargreaves Avenue, Old SABC Building, King William's Town 5600. For Attention: Mr. MK Noah