



# water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

## DEPARTMENT OF WATER AND SANITATION

### CLOSING DATE

**13 MAY 2016 at 16H00.**

### APPLICATIONS

Please forward your applications quoting the relevant reference number for **Centre: Pretoria & Roodeplaat:** Department of Water and Sanitation, Private Bag X 350 Pretoria 0001 or hand deliver at Continental Building, corner CnrVisagie and Bosman, street, Pretoria. **For attention:** Ms Cindy Mazibuko.

### APPLICATIONS

Please forward your applications quoting the relevant reference number for **Centre: Mmabatho:** The Provincial Head, Department of Water and Sanitation, Private Bag x 5, Mmabatho I2735. Cnr Dr. James Moroka Drive and Sekame Road Mega City Shopping Centre Unit 99, Ground Floor, **For attention:** Ms K Mutloane

### APPLICATIONS

Please forward your applications quoting the relevant reference number for **Centre: Gauteng:** The Provincial Head: Gauteng, Department of Water and Sanitation, Private Bag X995, Pretoria, 0001 or hand deliver to 285 Francis Baard, Bothongo Plaza East, Pretoria. **For attention:** Mr S Nevhorwa (012) 392 1324

### APPLICATION

Please forward your applications quoting the reference number **Centre: Durban** to the: Provincial Head: KwaZulu-Natal, Department of Water Affairs, P O Box 1018, Durban, 4000 or hand deliver to 88 Joe Slovo Street, Southern Life Building, 9<sup>th</sup> Floor, Durban. **For attention:** The Manager (Human Resources)

### APPLICATIONS:

Please forward your applications quoting the reference number **Centre: King William's Town** to: The Department of Water Affairs, Private Bag X 7485, King William's Town, 5600 or hand deliver at the 2 Hargreaves Avenue, King William's Town. **For attention:** Mr K. Noah

### NOTE:

Applications must be submitted on signed and dated form Z83, obtainable from any Public Service Department, and should be accompanied by a comprehensive CV as well as certified copies of qualifications and Identity Document. For all posts, please forward your application quoting the relevant reference number, to the address mentioned at each post. No late, faxed or e-mailed applications will be accepted. Note: If you have not heard from us within two (2) months of the closing date, please accept that your application was unsuccessful. Preference will be given to previously disadvantaged groups. If no suitable candidates from the unrepresented groups can be recruited, candidates from the represented groups will be considered. Successful applicants will be required to undergo standard Government security clearance procedures and verification of qualification prior to appointment. Should you be in a possession of a foreign qualification(s), it must be accompanied by an evaluation from South African Qualification Authority (SAQA). "All SMS shortlisted candidates will be subject to a technical exercise that intends to test relevant technical elements of the job, the logistics of which will be communicated by the department. Following the interview and technical exercise, the selection panel will recommend candidates to attend a generic managerial competency assessment (in compliance with the DPSA Directive on the implementation of competency based assessments). The competency assessment will be testing generic managerial competencies using the mandated DPSA SMS competency assessment tools" **People with disabilities are highly encouraged to apply for the posts.**

**POST:** **CONTROL ENGINEERING TECHNOLOGIST CIVIL GRADE A-B REF: 130516/39**

**SALARY:** **R 628 104- 1, 139,415 per annum (All inclusive OSD salary package, offer based on proven years of experience**

**CENTRE** **Pretoria**

**REQUIREMENTS:** Bachelor of Technology in Engineering (B Tech) or relevant qualification. Six (6) years post-qualification Engineering Technologist experience required. Compulsory registration with ECSA as an Engineering Technologist (proof of registration must be provided). A valid driver's licence. Dam Safety Surveillance related technical experience. Research and development skills. Willingness to travel and work irregular hours. Experience, particularly in the design and rehabilitation of dams (e.g. rock fill, earth fill and concrete dams) and related structures. Programme and project management skills. Engineering designs and analysis knowledge. Knowledge of current standards and practices in terms of hydraulic structures, hydrology, hydraulics, geology, foundations and building materials, as well as the relevant computerised applications. Knowledge of construction techniques, environmental and legal aspects, detailed structural and risk-based analyses, dam surveillance, managing consulting engineers, contract administration and resolution of claims. Knowledge of the National Water Act 36 of 1998, as well as other relevant legislation. Professional judgement and self management skills. Financial management skills. Customer focus and responsiveness. Computer literacy including knowledge of computer-aided engineering application and advanced Microsoft Excel programming. Technical report writing skills. Technical consulting skills. Problem solving and analysis. Decision making skills and the ability to work both in a team and independently. Project Management skills. Change management skills. Proven practical skills. Knowledge of dam safety. Communication skills. People management skills. Knowledge of and the ability to transfer knowledge of current methods, standards and specifications in dam safety monitoring and surveillance. Knowledge of analysing surveillance and geodetic deformation surveys, basic electronics and dam instrumentation.

**DUTIES:** Develop new systems to solve practical engineering challenges and improve efficiency. Plan, design, operate and maintain engineering projects. Dam safety monitoring and processing. Drafting an updating of technical specifications. Develop cost effective solutions according to standards. Develop tender specifications. Evaluate existing technical manuals, standard drawings and procedures to incorporate new technology. Ensure the quality assurance of technical designs with specifications and make recommendations for approval by the relevant authority. Management of administrative and related functions. Compile and submit reports as required. Provide and consolidate input to the technical/engineering operational process. Ensure continuous professional development to keep up with new technologies and procedures. Ensure the training and development of technicians and candidate engineers to promote skills/knowledge transfer and adherence to sound engineering principles and code of practice. Supervise the engineering work and processes. Administer performance management and development. Train junior technical and other staff as appropriate. Office administration and budget planning. Monitor and control expenditure. Execute dam safety evaluations in terms of dam safety regulations. Perform and evaluate structural analyses, including the use of specialized computer programmes. Design, optimise and supervise remedial work to existing dams with due consideration to the environment.

**ENQUIRIES:** Mr P Muneka tel, 012 336 7629