



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 6 March 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: ENGINEER PRODUCTION GRADE A – C REF NO 060326/03

BRANCH: INFRASTRUCTURE MANAGEMENT HEAD OFFICE DIR: CIVIL ENGINEERING: SD: OPEN CHANNEL SYSTEMS

SALARY: R879 342 - R1 323 267 per annum (All-inclusive OSD salary package) (Offer will be based on proven years of experience)

CENTRE: Pretoria Head Office

REQUIREMENTS: An Engineering degree (B.Eng/ B.Sc. (Eng) in Civil Engineering. Three (3) years post-qualification engineering experience relevant to Water Engineering. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license is required as site visits and travel form part of the job description. Competency and experience in the implementation of civil engineering projects, as well as the design of hydraulic structures and water conveyance systems, is essential. Additional competencies and knowledge include engineering design and analysis, legal compliance, computer-aided engineering applications, project management, strategic capability and leadership, financial management skills, and excellent communication skills both verbal and written.

DUTIES: Plan and design civil engineering projects. Develop tender specifications. Perform reviews, approvals, and audits of engineering designs in line with established design principles, theories, and standards. Supervise engineering work and processes. Optimise design and cost-effectiveness of open channel projects, including risk management. Evaluate, edit, and authorise all designs, reports, engineering drawings, and specifications. Manage resources by preparing and consolidating inputs for effective utilisation. Manage consulting engineers and/or contractors, including contract administration and resolution of claims. Mentor and train Candidate Engineers and Technicians. Manage administrative, financial, and personnel-related functions. Technical Work Description: SD: Open Channel Systems (OCS) is a technical engineering design component that focuses mainly on the design and rehabilitation of large-scale bulk water conveyance infrastructure such as canals, inverted siphons, dam spillways, erosion protection, reject structures, energy dissipating structures, and others. All infrastructure related to National Water Infrastructure may fall under the mandate of SD: OCS, with a strong emphasis on the design of bulk water conveyance systems. Designing such systems introduces additional engineering challenges, which include (but are not limited to) the design of service roads, sub-soil drains, hydraulic structures, pump houses, chutes, retaining walls, embankments, bridges, super-passages, berms, and boundary fences etc. Engineering analyses such as hydrology, flood line studies, structural analysis, and slope stability analysis are also undertaken by SD: OCS. A strong background in Water Engineering is essential, while experience in Geotechnical Engineering, Structural Engineering, and Project Management will be considered advantageous. Proficiency in the following computer-aided design software packages will also be an added advantage: Hec-RAS, AutoCAD, AutoCAD Civil 3D, ArcGIS, Prokon, and Slide. Production Engineers working at SD: OCS must be able to write high-quality technical reports; therefore, medium- to high-level report writing skills are

essential. Competence in Microsoft Word and Microsoft Excel is also of the utmost importance. Project management and contractual management of construction projects, as the Engineer or Engineer's Representative, form part of the job description. Production Engineers are also tasked with reviewing the work of their peers as well as managing and mentoring juniors working with them on projects. SD: OCS works closely with SD: Dam Design to design, construct, and test physical hydraulic models of dam spillways, based on the Froude Similarity theory.

ENQUIRIES: Mr. HH Luttig Tel No: 012 336 8095

APPLICATIONS: All applications to be submitted online on the following link: <https://erecruitment.dws.gov.za>