

DEPARTMENT OF WATER AND SANITATION

CLOSING DATE : 08 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 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 07/02 : **CHIEF ENGINEER GRADE A REF NO: 080324/01**
Branch: Water Resource Management
Dir Water Resource Management Planning

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

CENTRE : Pretoria Head Office

REQUIREMENTS : An Engineering Degree (B Eng/BSc (Eng) or relevant qualification. Six (6) years post qualification experience. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license. Relevant years' experience in the field of Water Engineering or Integrated Water Resources Management (IWRM). Good knowledge of water resources system operation and water resources modelling. Understanding of Water Resource Assessment. Analysis of Water requirements and Water availability assessment. Good knowledge in Hydrology, Geo-hydrology, Dam Engineering, Hydropower, Engineering Economics and Water Resource Planning skills. Proven extensive practical experience and skills in hydrological modelling and flow routing. Knowledge of supply chain management, contractual, legal requirements and business planning. Report writing and reviewing skills. Good written and verbal communication skills. Knowledge and understanding of Project Management and Financial management. Good time management and interpersonal skills. Understanding of the National Water Act, Water Services Act, National

Environmental Management Act, Public Service Regulations Act and the Public Finance Management Act (PFMA). Must be able to work independently, be self-motivated and reliable.

DUTIES : Conceptualising and testing of water resources management scenarios in order to provide a balance and timely water resources management decision support. Undertake hydrological assessments. Provide technical, management and administrative support in Sub directorate: System Operation. Build capacity and mentor young water resources engineers/scientists. Undertake water resources planning/operation modelling developments and/or analyses. Serve in committees on water resource planning/operation matters both nationally and internationally with respect to trans-boundary watercourses.

ENQUIRIES APPLICATIONS : Ms C Ntuli Tel No: (012) 336 7618
: 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

POST 07/03 : **CONTROL ENGINEERING TECHNOLOGIST GRADE A (CIVIL) REF NO: 080324/02 (X3 POSTS)**
Branch: Infrastructure Management
Dir: Civil Engineering
(Re-advertisement, applicants who previously applied are encouraged to re-apply)

SALARY CENTRE REQUIREMENTS : R831 309 per annum, (all-inclusive OSD salary package)
: Pretoria Head Office
: A Bachelor of Technology in Engineering (B-Tech) or relevant Engineering qualification. Six (6) years' post qualification Engineering Technologist experience required. Compulsory registration with Engineering Council of South African (ECSA) as a Professional Engineering Technologist. The disclosure of a valid unexpired driver's license. Knowledge of project management, technical design and analysis. Knowledge and understanding of research and development. Knowledge and experience in Computer-aided engineering applications. Knowledge of legal compliance and technical report writing. Good communication skills both (verbal and written), conflict management and negotiation skills. Problem solving and analysis, decision making, teamwork, creativity, financial management, people management, customer focus, responsiveness, planning and organizing.

DUTIES : Manage technical services and support in conjunction with Engineers, Technologist and Associates in the field, Pretoria-West Hydraulic Laboratories, and technical office activities. Ensure the promotion of safety in line with statutory and regulatory requirements. Evaluate existing technical manuals, standard drawings, and procedures to incorporate new technology. Ensure quality assurance of technical designs with specifications and authorize, make recommendations for approval by the relevant authority. Manage administrative, human resources and related functions. Financial Management and provide inputs into the budgeting process, operational plan, procurement plan and related matters. Compile and submit reports as required. Attend to Risk and Disaster Management matters. Research and development through continuous professional development to keep up with new technologies and procedures. Liaise with relevant bodies/councils on engineering related matters. Must be prepared to work away from the office and travel extensively for extended periods of time. Provide mentorship and supervision of personnel. Research / literature studies and technical engineering technology to improve expertise.

ENQUIRIES APPLICATIONS : Mr. E Koadibane Tel No: (012) 336 7694
: 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, 0001.

FOR ATTENTION : Planning, Recruitment and Selection Unit

- POST 07/04** : **ENGINEER PRODUCTION GRADE A - C REF NO: 080324/03**
 Branch: Water And Sanitation Services Management
 Dir: Water Services Planning Support
 (Re-advertisement applicants who previously applied are encouraged to re-apply)
- SALARY** : R795 147 – R1 197 978 per annum, (all-inclusive OSD salary package), (Offer will be based on proven years of experience)
- CENTRE REQUIREMENTS** : Pretoria Head Office
 : A Civil Engineering Degree (B Eng/ BSc (Eng). Three (3) years post qualification Engineering experience required. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license. Three (3) years' experience in the municipal water supply and sanitation services industry will be an added advantage. Knowledge of the water and sanitation services legislative and regulatory environment. Good technical, analytical, programme and project management skills, financial management skills, knowledge management and the ability to effectively liaise with a wide range of sector role players. Willingness to travel frequently.
- DUTIES** : The successful candidate will report to the Chief Engineer: Water Services Project Planning Support and provide support in the analysis and project management of water and sanitation services planning projects. Provide technical support to the water and sanitation services sector. Strategic Analysis of Water Services themes and topics. Development of related technical and business perspectives with recommendations. Input on regular updates of planning guidelines, with checklists for comprehensive project planning & documentation. Development and reviews of SOPs related to project planning. Liaison and engagements with all water and sanitation stakeholders and sector players regarding project planning. Provide support to WSAs to ensure implementation of Planning Frameworks and methodologies. Monitoring and reporting on the implementation of planning frameworks and methodologies nationally. Identification, prioritization, initiation and project management of planning projects, through the Regional Offices, including the associated financial management to ensure sufficient budgeting for planning. Support the Co-ordination of planning to ensure integrated planning and efficient management of water and sanitation services planning projects in all spheres of government (Water Boards, WSAs and other WSPs) to improve water and sanitation services and the reliability and sustainably of bulk and reticulation water and sanitation infrastructure. Investigation, assessment, monitoring, and reporting on all aspects of Water and Sanitation Services delivery. Understanding of the Departmental Regulatory Instruments (Green, Blue, No Drop Reports) for informed decisions and support on interventions required. Knowledge of appropriate technologies related to water and sanitation infrastructure. Ensure all data, information, reports and results of analyses are packaged and made accessible to the sector via the Water Services Knowledge System and National Integrated Water Information System. Liaison with, and maintenance of data sharing and information partnerships with key Water and Sanitation Services Sector role-players and stakeholder such as Statistics South Africa, National Treasury, Finance institutions (DBSA, Infrastructure Fund (IF) etc.) Cooperative Governance and Office of the Presidency.
- ENQUIRIES APPLICATIONS** : Mr P Ngqumshe Tel No: (012) 336 8815
 : Pretoria (Head Office): Please forward your applicant 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, 0001.
- FOR ATTENTION** : Planning, Recruitment and Selection Unit
- POST 07/05** : **ENGINEER PRODUCTION GRADE A - C REF NO: 080324/04**
 Branch: Provincial Coordination and International Cooperation: Eastern Cape Water Resources Planning Support
- SALARY** : R795 147 – R1 197 978 per annum, (all-inclusive OSD salary package) (Offer will be based on proven years of experience)
- CENTRE REQUIREMENTS** : East London
 : An Engineering degree (B Eng. / BSc (Eng) or relevant qualification. Three (3) years post qualification engineering experience. Compulsory registration with

the Engineering Council of South Africa (ECSA) as a Professional Engineer. The disclosure of a valid unexpired driver's license. Management experience in field of Water Engineering or Water Resource will be an added advantage. Sound knowledge of integrated water resource management and water resource protection. Experience in Water Engineering field/Integrated Environmental Management (IEM) or Integrated Water Resources Management (IWRM)/Hydrology. Experience in Planning of Water Resources Management and/or Development Projects. Experience in undertaking studies in Water Resources Engineering, Water Resource Systems Analysis. Knowledge and understanding of hydrological modelling and relevant legislation applicable to the water sector (NWA, CARA and NEMA). Skills and experience in management of human resources. Excellent communication skills including verbal, report writing and presentation skills. Sound interpersonal skills as well as the ability to work in multi-disciplinary teams. Willingness to work outside of normal working hours and under pressure as well as travel within South Africa. Proven liaison and networking skills. Build capacity and mentor young water resources engineers/scientists. Resource management, hydrology, geohydrology, water quality, project management, engineering economics, environment and law are recommended. Experience in water resource planning related aspects such as economic and environmental impact assessments of projects, financing, institutional aspects, negotiation, and high-level communication. Key competencies on strategic capability and leadership, programme and project management, financial management, change management, knowledge management, service delivery innovation (SDI), problem solving and analysis, people management and empowerment, client orientation and customer focus, communication, accountability and ethical conduct.

DUTIES

: Analysis and development of water resources systems operating rules. Conduct analyses on water resource availability or requirement patterns and infrastructure capacity, among others, and develop appropriate system operating rules and protocols. Water resources systems operating rules. Development of planning / operation models, 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 and development of operation water resources. Development of business plan. Develops annual business plans and budget for the sub-directorate systems operation and or system analysis. Contribute to business plans of directorate. Approve business plans and budgets. Quarterly report. Supervision of staff. Identification of available water resources and development needs through multidisciplinary studies at appropriate levels of detail. Involvement in the development of water management strategies. Develop solutions to meet water requirements and evaluate technical options and associated social, economic and environmental impacts. Provide leadership, management and administration for Water Resource Planning in relevant planning area. Develop and maintain water reconciliation strategies for various large systems and metropolitan areas. Develop 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 recourses. Liaise with water all use sectors in conceptualization of solutions. Provide basin-wide information on all aspects of the water resources in transboundary river basins such as relevant. Training and development of sector partners and junior officials.

ENQUIRIES
APPLICATIONS

: Ms. B Kama Tel No: (043) 701 0366
: Eastern Cape (King William's Town): Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X7485, 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 Tel No: (043) 604 5323

POST 07/06 : **CONTROL ENVIRONMENTAL OFFICER GRADE A REF NO: 080324/05**
Branch: Infrastructure Management: Northern Operations
Div: Environmental Engineering

SALARY : R554 490 per annum, (OSD)
CENTRE : Hartbeespoort
REQUIREMENTS : A four (4) year Degree in Natural or Environmental Sciences or equivalent qualification. Six years post-qualification experience in the fields of environmental, waste management, industries, rural and urban development. The disclosure of a valid unexpired driver's license. Understanding of the Department's role and policy with respect to water resource management. Knowledge of National Water Act 36 of 1998, Water Services Act, 108 of 1997 and related policies and guidelines. Understanding the principles of Integrated Water Resource Management. Extensive experience in integrated water resource management and water resource protection. Knowledge and understanding of the sector: relevant legislation (NWA, CARA, NEMA and MPRD) together with related policies, regulations, principles, guidelines, tools, and procedures, policy development, implementation, and monitoring. Skills and experience in management of human resources. Proven management and negotiation skills. Ability to work productively in an environment consisting of multi-disciplinary internal and external Department of Water and Sanitation staff and stakeholders. Computer literacy. Good communication skills both verbal and written. Presentation and report writing skills. The ability to provide technical and scientific support to other Department of Water and Sanitation functions as well as the ability to capacitate and act as a mentor and supervisor to junior staff. Good interpersonal skills. Ability to interact with communities and stakeholder groups. Willingness to work abnormal hours and under pressure as well as travel province and country wide. Proven liaison and networking skills especially as they relate to corporative governance and stakeholder engagement.

DUTIES : Implementation and enforcement of the National Water Act, 1998 (Act No. 36 of 1998), Water Services Act No. 108 of 1997, drinking water quality framework, relevant policies, norms and standard, protocols, standard operation procedure, strategies, and regulations. Coordinate the development of the operation plan to ensure monitoring and compliance of drinking water quality and wastewater management. Coordinate the monitoring of drinking water supply systems and wastewater treatment systems for compliance with the set standards and regulatory instruments. Monitor and verify data submitted by Water Services Authorities on blue and green drop monitoring systems. Provide guidance and support to the water services authorities including reviewing water safety plans and wastewater risk abatement plans and monitor implementation thereof. Activate participation in blue and green drop assessments. Facilitate the implementation of drinking water and wastewater treatment improvement action plans. Coordinate stakeholder engagement sessions for information sharing and new developments. Provide monthly and quarterly reports. Represent the Department in various standing intergovernmental committees and stakeholder forums. Facilitate and coordinate the training, capacity building and career development of staff. Supervise and mentor environmental officers and other team members.

ENQUIRIES : Mr TG Monaisa Tel No: (012) 200 9000
APPLICATIONS : Hartbeespoort: Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X352, Hartbeespoort, 0216 or hand deliver to the Department of Water and Sanitation, Old Rustenburg Road, 8 Forrel street, Hartbeespoort, 0216.

FOR ATTENTION : HR Section

POST 07/07 : **CONTROL ENGINEERING TECHNICIAN GRADE A REF NO: 080324/06 (X2 POSTS)**
Branch: Infrastructure Management: Northern Operations
Div: Operations Management and Mechanical Maintenance

SALARY : R499 275 per annum, (OSD)
CENTRE : Hartbeespoort
REQUIREMENTS : A National Diploma in Engineering or relevant qualification. Six (6) years post qualification technical engineering experience. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineering Technician. The disclosure of a valid unexpired driver's license. Project

Management and Contract Management. Technical design and analysis knowledge. Research and Development. Computer-aided engineering applications. Knowledge of legal compliance. Technical report writing. Technical Consulting. Problem Solving and analysis. Decision making. Team work. Creativity. Financial Management. Customer focus and responsiveness. Communication. Computer Skills. Planning and organising. People Management.

DUTIES : Manage technical services and support in conjunction with Engineers, Technologist and associates in the field, workshop and technical office activities. Ensure the promotion of safety in line with statutory and regulatory requirements. Evaluate existing technical manuals, standard drawings and procedures to incorporate new technology. Ensure quality assurance of technical designs with specifications and authorize/make recommendations for approval by the relevant authority. Manage administrative and related functions. 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 databases. Manage, supervise and control technical and related personnel and assets (Including OPEX and CAPEX projects). Research and Development. Continuous professional development to keep up with new technologies and procedures. Research/literature studies on technical engineering technology to improve expertise. Advanced experience in Budgeting Expenditure Control. Revenue and Supply Chain Management. Advanced experience in People Management and General Administration. Responsible for the financial management of the section. General office management of the section to liaise with relevant bodies/councils on engineering related matters. The role involves intensive travelling to various sites within the Northern Operations. The role will support three area offices.

ENQUIRIES : Mr IR Mmutloane Tel No: (012) 200 9000
APPLICATIONS : Hartbeespoort: Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X352, Hartbeespoort, 0216 or hand deliver to the Department of Water and Sanitation, Old Rustenburg Road, 8 Forrel street, Hartbeespoort, 0216.

FOR ATTENTION : HR Section

POST 07/08 : **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 recourses 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 APPLICATIONS** : Ms. B Kama Tel No: (043) 701 0366
 : 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
- POST 07/09** : **SCIENTIST TECHNICIAN PRODUCTION GRADE A - C REF NO: 080324/08 (X2 POSTS)**
 Branch: Provincial Coordination and International Cooperation: Free State
 Sd: Water Resources Protection
- SALARY** : R353 013 – R531 117 per annum, (OSD), (offer will be based on proven years of experience)
- CENTRE REQUIREMENTS** : Bloemfontein
 : A National Diploma in Science or relevant qualification. Three (3) years post qualification technical (scientific) experience. Compulsory registration with SACNASP as a Certificated Natural Scientist. The disclosure of a valid unexpired driver's license. Knowledge and understanding of the National Water Act, 1998 (Act 36 of 1998) and other environmental legislations. Sound knowledge and experience in biomonitoring. SASS accreditation will serve as an added advantage. Knowledge of Resource Directed Measures and Integrated Water Resource Management. Computer literacy skills, good presentation skills, and good scientific and technical report writing skills. Sound analytical and interpersonal skills as well as the ability to work in a multi-disciplinary team. Good communication skills both (verbal and written). An innovator who is willing to work irregular hours and travel extensively in remote areas.
- DUTIES** : Implementation of the River Eco-status Monitoring Programme (REMP) and surface water monitoring in the Middle Vaal and Upper Orange Water Management Areas. Undertake Biomonitoring field surveys routinely and do routine and special investigations. Analyze and interpret scientific data and write scientific reports. Must be competent to apply scientific methodologies and to run the relevant REMP models and detect environmental trends. Prepare and submit technical reports. Contribute to the compilation of the annual State of the Rivers reports. Provide technical inputs on Water Use License Applications and analyses of data provided as per the license conditions. Provide comments on Environmental Impact Assessments (EIA's), Environmental Management Plans (EMP's) and Environmental Management Program Reports (EMPR's). Support the determination and implementation of the Reserve in the Region. Support the Adopt a River Programme.
- ENQUIRIES** : Ms. G Venter Tel No: (051) 405 9000

- APPLICATIONS** : Free State (Bloemfontein): Please forward your application quoting the relevant reference number to the Chief Director, Department of Water and Sanitation, Private Bag 528, Bloemfontein, 9301 or hand deliver at Corner Charlotte Maxeke and East Burger Streets, Bloem-Plaza Building, Second floor.
- FOR ATTENTION** : Ms Z Gwetyana
- POST 07/10** : **ENGINEERING TECHNICIAN PRODUCTION GRADE A – C REF NO: 080324/09 (X2 POSTS)**
Branch: Infrastructure Management: Northern Operation
Div. Civil Maintenance
- SALARY** : R353 013 – R531 117 per annum, (OSD), (Offer will be based on proven years of experience)
- CENTRE** : Groblersdal (X1 Post)
Tzaneen (X1 Post)
- REQUIREMENTS** : A National Diploma in Civil Engineering. Three (3) years post qualification technical engineering experience. 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 programme and project management. Knowledge of technical design and analyses of dams and canals. Significant dam engineering experience related to design, construction, management, operation, maintenance, and safety of dams with a safety risk. Knowledge of the water sector and relevant legislation including but not limited to Chapter 4 and Chapter 12 of National Water Act (NWA, Act No. 36 of 1998) and Dam Safety Regulations published in Government Notice R. 139 of 24 February 2012. Understanding of research and development. Knowledge of computer-aided engineering applications including relevant computer software. Technical report writing, networking, and professional judgement. Problem solving and analysis, decision making, team leadership, creativity, self-management, customer focus and responsiveness. Sound interpersonal and leadership skills. Strong verbal and written communication skills. Planning, organising and people management. Willingness to travel throughout South Africa for the execution of some duties.
- DUTIES** : Render technical services and support. Provide inputs in engineering drawings, research, design, manufacturing, operations and maintenance to the area offices and scheme offices. Assist Control Engineering Technicians and associates in the field, workshop and technical office activities and appraisals for technical reports, business and demand plans. Monitor the implementation of government water resource scheme projects through conducting site inspections, site meetings, compilation, and submission of progress reports. Development of condition assessment and civil maintenance inspections. Address breakdowns and perform fault findings. Optimize the life cycle of equipment. Initiate maintenance/refurbishment projects. Technical support for dam safety rehabilitation projects. Promote safety in line with statutory and regulatory requirements. Evaluate existing technical manuals, standard drawings and procedures to incorporate new technology. Evaluate technical designs and engineering drawings with specifications complete with bill of quantities and submit for approval to the relevant authority. Perform administrative and related functions. Provide inputs into the budgeting process as required. Compile and submit monthly and quarterly expenditure reports as required. Evaluation of quotations and proposals together with verifying and certifying invoices for payment from contractors and Public Service Providers. Execute cost analysis and feasibility studies for new and refurbished equipment. Maintain proper records and documentation for all projects to enable a clean audit. Provide and consolidate inputs to the technical / engineering operational plan. Develop, implement, and maintain databases. Supervise technical personnel and control strategic infrastructure.
- ENQUIRIES** : Mr KS Thantsha Tel No: (015) 307 8600 (Tzaneen)
Mr S Ngcobo Tel No: (013) 262 6839 (Groblersdal)
- APPLICATIONS** : **Tzaneen:** Please forward your application quoting the relevant reference number to the Area Manager, Department of Water and Sanitation, Tzaneen Area Office, Private Bag X4012, Tzaneen, 0850 or hand deliver to Voortrekker Street, Department of Water and Sanitation, Tzaneen Area Office, 0850. For Attention: HR Section.
Groblersdal: Please forward your application quoting the relevant reference number to the Area Manager, Department of Water and Sanitation, Groblersdal Area office, Private Bag X8616, Groblersdal, 0470 or hand deliver to

Department of Water and Sanitation, Office no 01, R25 Bronkhorstspuit, Road, Aquaville, Groblersdal, 0470.

FOR ATTENTION : HR Section

POST 07/11 : **ENGINEERING TECHNICIAN PRODUCTION GRADE A – C REF NO: 080324/10**
Branch: Infrastructure Management: Northern Operations
Div: Electrical Maintenance

SALARY : R353 013 – R531 117 per annum, (OSD), (Offer will be based on proven years of experience)

CENTRE REQUIREMENTS : Tzaneen
A National Diploma in Mechanical or Electrical Engineering. Three (3) years post qualification technical engineering experience. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineering Technician. The disclosure of a valid unexpired driver's license. Sound knowledge of maintenance and refurbishment of major mechanical and electrical water installations. Project management. Good written and verbal communication skills. Computer literacy preferably in MS Excel, MS Word and MS PowerPoint. Knowledge and experience with maintenance management and management software systems. Good leadership qualities. Sound knowledge in relation to departmental administration and procurement policies and procedures. Knowledge of the Occupational Health and Safety Act. Willingness to travel extensively and work extended hours when required. Ability to identify and resolve complex engineering problems. Practical experience within high risk production environments. Sound knowledge and experience in maintenance, refurbishment and repairs of dam related equipment such as sleeve, butterfly, gate and spherical valves, radial and flap gates, overhead and portal cranes. Knowledge and experience of corrosion protection of continuously submerged items.

DUTIES : Assist with the identification, planning, budgeting, implementation, project management and control the maintenance and refurbishment projects of major mechanical and electrical water industry related installations. Continuous monitoring and updating of maintenance software systems. Perform regular inspections and submit written reports. Identify needs and compile specifications to maintain and improve plant performance according to industry best practices. Assist with asset management related duties. Updating of asset register. Assist with administrative and procurement functions related to maintenance and refurbishment. Responsible for transformers, mini sub stations and electric motors. Control occupational health and safety in the working environment. Provide in-service training. Execute administrative functions.

ENQUIRIES APPLICATIONS : Mr KS Thantsha Tel No: (015) 307 8600
Tzaneen: Please forward your application quoting the relevant reference number to the Area Manager, Department of Water and Sanitation, Tzaneen Area Office, Private Bag X4012, Tzaneen, 0850 or hand deliver to Voortrekker Street, Department of Water and Sanitation, Tzaneen Area Office, 0850.

FOR ATTENTION : HR Section

POST 07/12 : **ENGINEERING TECHNICIAN GRADE A - C REF NO: 080324/11**
Branch: Provincial Coordination and International Cooperation: Eastern Cape Hydrological Services

SALARY : R353 013 – R531 117 per annum, (OSD), (Offer will be based on proven years of experience)

CENTRE REQUIREMENTS : Cradock
A National Diploma in Civil Engineering. Three (3) years post qualification technical engineering experience. Compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineering Technician. The disclosure of a valid unexpired driver's license. Technical design and analysis of hydrological infrastructure. Knowledge of hydrological data processing and management. Knowledge of project management and legislation. Knowledge and experience in computer-aided engineering applications. Technical report writing and technical consulting skills. Research and development of self and relevant technical engineering technology to improve expertise. Good computer literacy and computer programming skills. Good communication skills verbal and written and negotiation skills. Problem

		solving and analysis, decision making, teamwork skills. Creativity, financial management, people management, customer focus and responsiveness. Must be prepared to work away from the office for extended periods of time.
<u>DUTIES</u>	:	Stream flow Gauging using conventional stream gauging methods. Survey of gauging structures using automatic / dumpy level / total station. Survey of flood (rated) sections, calibration of flow gauging stations and produce reports and drawings. Inspection and supervision of maintenance of flow gauging stations. Maintenance of electronic data logging instruments. Supervision of personnel. Hydrological Data editing and processing. Management of hydrological data bank and real-time data system. Procurement of maintenance material / equipment. Travel extensively as and when required. Manage the collection of hydrological data within the area of responsibility and as requested. Provide technical support to requests received from within the Eastern Cape and outside. Ensure the compliance to the Occupational Health and Safety Act in line with statutory and regulatory requirements. Liaise with landowners for access to sites/properties.
<u>ENQUIRIES APPLICATIONS</u>	:	Ms. B. Kama, Tel No: (043) 701 0366
	:	Eastern Cape (King Williams 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.
<u>FOR ATTENTION</u>	:	Mr MK Noah
<u>POST 07/13</u>	:	<u>ENVIRONMENTAL OFFICER PRODUCTION GRADE A - C REF NO: 080324/12</u> Branch: Provincial Coordination and International Cooperation: Free State: Water Services Regulation
<u>SALARY</u>	:	R310 767 – R531 117 per annum, (OSD), (Offer will be based on proven years of experience)
<u>CENTRE REQUIREMENTS</u>	:	Bloemfontein A National Diploma in Environmental Management or Natural Sciences. Experience in water services management or regulation will be an added advantage. The disclosure of a valid unexpired driver's license. Computer skills (MS Office). Good presentation and communication skills. An understanding of water resources and water services, related legislation such as the National Water Act 1998, Water Services Act 1997, etc. An understanding of the National Blue and Green Drop Programs. Willingness to travel and work extensive hours.
<u>DUTIES</u>	:	Perform detailed inspections of water supply systems and wastewater collector systems and compilation of detailed inspection reports. Investigate drinking water quality failures. Investigate and compile detailed reports of sewer spillage and pollution incidents. Conduct routine water monitoring of drinking water and wastewater effluent quality and issue non-compliance letters for rectification. Support the implementation of the National Blue and Green Drop Programs within water services institutions. Monitor compliance and progress of corrective action plans for the National Blue and Green Drop Programs. Evaluate and comment on Environmental Impact Assessment, Basic Assessment Reports, and Environmental Management Plans.
<u>ENQUIRIES APPLICATIONS</u>	:	Ms D Kabini, Tel No: (051) 405 9000
	:	Free State (Bloemfontein): Please forward your application quoting the relevant reference number to Chief Director, the Department of Water and Sanitation, Private Bag 528, Bloemfontein, 9301 or hand deliver to Department of Water and Sanitation, Corner Charlotte Maxeke and East Burger Streets, Bloem-Plaza Building, First Floor.
<u>FOR ATTENTION</u>	:	Ms Z Gwetyana
<u>POST 07/14</u>	:	<u>ARTISAN FOREMAN GRADE A: CIVIL REF NO: 080324/13 (X2 POSTS)</u> Branch: Infrastructure Management: Northern Operation Div: Civil Maintenance
<u>SALARY</u>	:	R344 811 per annum, (OSD)
<u>CENTRE</u>	:	Hartbeespoort
<u>REQUIREMENTS</u>	:	A Civil trade test certificate. Five (5) years post qualification experience as an Artisan. 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. Team leadership. Production, process

knowledge and skills. Knowledge of problem solving and analysis. Decision making. Ability to work independently and in a team. Analytical and creativity skills. Communication and interpersonal skills. Computer skills. Project management. Planning, organising and execution. Technical report writing. Problem solving and analysis, decision making, team leadership, creativity, self-management, customer focus and responsiveness. Sound interpersonal and leadership skills. Strong verbal and written communication skills. Planning, organising and people management. Willingness to travel throughout South Africa for the execution of some duties.

DUTIES : Supervise technical design and production of civil technical services. Supervise and produce design according to specifications and within limits of production capability. Produce objects with material and equipment according to job specifications and recognized standards. Supervise the maintenance of civil technical services. Repair civil structures and facilities according to standards. Repair civil structures and facilities against specifications. Service civil structures and facilities according to schedule. Perform administrative and related functions. Update register on maintained and repaired faults. Compile and submit reports as required. Provide inputs to the civil maintenance plan. Ensure adherence to safety standards, requirements and regulations. Human capital resource management. Supervise and mentor staff. Plan resources available and schedule maintenance work.

ENQUIRIES APPLICATIONS : Mr MJ Kgwaswane at 087 943 3702
: Hartbeespoort: Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X352, Hartbeespoort, 0216 or hand deliver to the Dept of Water and Sanitation, Old Rustenburg Road, 8 Forrel street, Hartbeespoort, 0216.

FOR ATTENTION : HR Section

POST 07/15 : **ARTISAN FOREMAN GRADE A ELECTRICAL REF NO: 080324/14**
Branch: Infrastructure Management: Northern Operations
Div: Electrical Maintenance

SALARY CENTRE REQUIREMENTS : R344 811 per annum, (OSD)
: Groblersdal
: An Electrical trade test certificate. Five (5) years post qualification experience as an Artisan. The disclosure of a valid unexpired driver's license. Technical report writing. Communication and computer skills. Ability to read and interpret manufacturing drawings. Knowledge and experience regarding compliance to the Occupational Health and Safety Act in the workshop and site environments are essential. Experience in heavy current (11kV) equipment such as switchgear, variable speed motors and control circuits of large pump stations (20 00kVa) involving PLC's, etc. Work requires travelling to remote areas and overnight stay from home on a regular basis.

DUTIES : Manage electrical infrastructure and ensure compliance to prescribed standards to ensure safe and serviceable infrastructure motors, switchgear, pumps, valves/slucies controls, drives, cranes, and PLC systems. Planned maintenance, scheduled and unscheduled repairs and refurbishment projects on government water schemes. Manufacture items with own planning from design drawings. Liaise with Supply Chain Management in obtaining quotations from suppliers and ensure product compliance to specification, regulations, and standards. Accept appointment as a Section 2(1) responsible person for electrical equipment. Evaluate and identify staff training needs and assist with training facilitation process. Manage and evaluate staff performance on an ongoing basis. Standby and occasional overtime work, including weekends and public holidays, will be expected from time to time.

ENQUIRIES APPLICATIONS : Mr S Ngcobo Tel No: (013) 262 6839
: Groblersdal: Please forward your application quoting the relevant reference number to the Area Manager, Department of Water and Sanitation, Groblersdal Area office, Private Bag X8616, Groblersdal, 0470 or hand deliver to Department of Water and Sanitation, Office no 01, R25 Bronkhorstspuit Road, Aquaville, Groblersdal, 0470.

FOR ATTENTION : HR Section