



DEPARTMENT OF WATER AND SANITATION

- APPLICATIONS** : Eastern Cape (East London): Please forward your applications quoting the relevant reference number to Private bag X 7485, King Williams Town, 5600 or hand deliver at the 2 Hargreaves Avenue, King William's Town 5600. For attention: Ms T Solwandle 043 604 5476
- ENQUIRIES** : Ms. I Chilton, Tel: 043 701 0221.
- BRANCH** : CHIEF OPERATIONS OFFICE GAUTENG
- CLOSING DATE** : 22 March 2019 TIME: 16h00
- POST** : SCIENTIST MANAGER GRADE A REF NO 220319/02 (This is a re-advertisement, applicants who have previously applied need not to re-apply)
- SALARY** : R 854 154, per annum, (All inclusive OSD salary package)
- CENTRE** : East London
- REQUIREMENTS** : An MSc degree or relevant qualification in the fields of Geohydrology, Hydrology, Geology or Earth Sciences. Six (6) years post qualification natural (Scientific) experience. Compulsory registration with SACNASP as a professional Natural Scientist. (Proof of registration must be attached). A valid driver's license (please attach certified copy). Be willing to work abnormal hours and extensive travelling. Appropriate experience required in all aspects of hydrology, geohydrology and water quality. Experience need to include hydro-modelling, water balances, geophysics, groundwater exploration, groundwater development, surface and groundwater monitoring networks, as well as analysis and interpretation of raw data and writing of scientific reports. Appropriate experience in water quality management, sampling, data analysis, interpretation and writing scientific reports. An advantage will be knowledge and experience of DWS information systems i.e. ArcGIS, WMS, Hydras and Hydstra. Necessary requirement is knowledge and application of various GIS packages for integrated water resources management, water resource development, water availability assessment and decision-making tools to implement catchment management. Ability to supervise and manage subordinates based in separate offices. Experience in drafting and managing operational budgets. Knowledge of Financial and Human Resources Legislation. Interpersonal skills and leadership ability. Good communication skills both written and verbal and presentation skills. Knowledge of Water legislation. Excellent computer skills i.e. MS Office Programs and applications.
- DUTIES** : Ensure the development and implementation of Policies, systems, procedures and scientific protocols. Review and recommend/ approve scientific projects. Facilitate the setting of scientific standards, specifications and service levels according to organisational objectives to ensure optimum operational availability. Monitor scientific efficiencies according to ensure validity and adherence to organizational principles. Provide strategic leadership and direction. Align projects to Regional and National water resource strategic priorities, goals and objectives. Provide support and advice to various industries and stakeholders. Develop and maintain relationships/collaborations with research organisations or bodies and assist with review of scientific research proposals and various scientific documents/reports. Lead, coordinate, and develop scientific models and regulatory frameworks. Design scientific methodology for the analysis of scientific data. Implement and enhance the evaluation, monitoring and dissemination of data. Design and develop appropriate scientific models to generate information and knowledge. Formulate and evaluate proposals and compile reports and develop and customize scientific models. Research and development. Manage scientific research to improve expertise. Publish and present research findings (results). Lead, coordinate and conduct basic and applied research or knowledge applications in aspects related to hydrology, geohydrology and water quality. Financial Management. Allocate, monitor, control expenditure according to budget to ensure efficient cash flow management. Identify and manage specific value-added commercial components of programmes and programmes. Responsible

for procurement of assets for the unit, effective management and control of those assets. People management. Manage the development, motivation and utilization of human resources for the discipline to ensure competent knowledge base for the continued success of scientific services according to organisational needs and requirements and manage staff key performance areas by setting and monitoring performance standards and taking actions to correct deviations to achieve departmental objectives. Governance, allocate, control, monitor and report on all resources. Compile risk logs and manages significant risk according to sound risk management practice and organizational requirements. Manage and implement knowledge sharing initiatives e.g. short-term assignments and secondments within and across operations, in support of individual development plans, operational requirements and return on investment. Continuously monitor the exchange and protection of information between operations and individuals to ensure effective knowledge management according to departmental objectives. Facilitate and liaise with structures/stakeholders on scientific matters.