



DEPARTMENT OF WATER AND SANITATION

- APPLICATIONS** : **Centres East London:** Cradock, King William's Town; Please forward your applications quoting the reference number to: The Department of Water and Sanitation, Private Bag X7485, King William's Town, 5600 or hand deliver at No. 2 Hargreaves Avenue, King William's Town. For attention: Ms T Solwandle.
- CLOSING DATE** : **9 February 2018 TIME: 16H00**
- POST** : CONTROL ENGINEERING TECHNOLOGIST GRADE A: CIVIL REF NO: 090218/02
- SUB DIRECTORATE** : WATER INFORMATION MANAGEMENT
- SALARY** : R 673 956.00 per annum (all inclusive salary package) (OSD)
- CENTRE** : Eastern Cape Region: Cradock
- REQUIREMENTS** : Bachelor of Technology in Engineering (B Tech) or relevant qualification. Six (6) years post qualification Engineering Technologist experience required. Valid driver's license. Compulsory registration with ECSA as an Engineering Technologist. Proven knowledge and understanding of hydrological processes. Demonstration of good understanding and competence in competence in all aspects of hydrometry. Project management. Technical design and analysis knowledge. Research and development. Computer-aided engineering applications. Knowledge of legal compliance. Technical report writing. Technical consulting.Net working. Professional judgement. Problem solving and analysis. Decision making. Team leadership. Creativity. Change management. Financial management. Customer focus and responsiveness. Communication. Computer skills. Planning and organising. People management. A Valid drivers licence Certificated copy must be attached). Willing to travel long distances and work away from home if and when needed. Must be prepared to undergo extensive in-house training at different locations.
- DUTIES** : Manage technological advisory services. Plan technological support to Engineers and associate professionals in the field. Ensure the adherence and promotion of safety standards in line with statutory and regulatory requirements. Solve broadly defend technological challenges through application of proven techniques and procedures. Develop, maintain and manage current technologies. Monitoring and evaluation of technological designs. Evaluate and monitor existing technical manuals, standard drawings and procedures to incorporate new technology. Ensure quality assurance of technical designs with specifications and make recommendations for approval by the relevant authority. Identify and optimize technical solutions by applying engineering principles. Manage administrative and related functions. Provide inputs into the budgeting process. Compile and submit reports as required. Provide and consolidate inputs to the technological/ engineering operational plan. Ensure the development, implementation and maintenance databases. Manage and supervise technological and related personnel and assets. Research and development, continuous professional development to keep up with new technologies and procedures. Research / literature studies on engineering technology to improve expertise. Liaise with relevant bodies/councils on engineering-related matters. Assist the manager in the

Eastern Cape in establishing an effective, efficient and accurate data and quality management system. Manage the day to day hydrometry investigations, quality of data, planning of data collection, processing of data, and calibration of the hydrological network within Eastern Cape. Provide guidance, assistance, supervision and training of technical personnel in all aspects of hydrometry. Able to perform land surveying if and when needed for calibration purposes. Apply commercial software and in-house computer software to achieve maximum efficiency in performing duties. Calibration of Gauging Weirs. Perform quality control tasks on processed time series data. Research on station history and updating of hydstra database.data dissemination.

ENQUIRES

: Mr A Lucas, (043) 604 5403