

# Professional Engineer: Water Resource Management (x2)

Salary level: OSD (R871 548 – R996 525 an all-inclusive package).

Centre: 1x George and 1x Worcester

## JOB PURPOSE:

Provide engineering expertise in order to assess, develop, protect, use, conserve and manage water resources.

Requirements: An appropriate and recognized four-year B degree in Civil/Agricultural Engineering, (B.Eng. / B.Sc. (Eng.)). 8 years post qualification engineering experience and compulsory registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer. A valid drivers' license is a prerequisite while experience acquired in the water sector will be an added advantage.

## KEY PERFORMANCE AREAS:

- Provide engineering input in the process to authorise water use
- Investigate and provide advice regarding registration of Water Use on aspects of the National Water Act
- Identification of available water resource and developmental needs
- Comparative analysis, optimization and reporting of feasibility investigations of possible water resource developments
- Coordination and processing of inputs from a wide range of disciplines
- Assist in the selection, appointment and control of professional service providers
- Capacity building and mentoring of young engineers and technicians within the BGCMA, when required
- Demand management and water conservation
- Validation and verification of Water Use
- Responsible for the assessment of water use licenses taking cognizance of hydrological, environmental, social and other factors into consideration
- Ensure dam safety evaluation, assessment and monitoring on a continuous basis
- Attending and addressing stakeholder meetings on water resource related issues
- Negotiation with stakeholders and affected parties to obtain acceptable license conditions

## The following will serve as recommendation

- Knowledge, experience and clear understanding of the National Water Act, 1998
- Additional studies or experience in Water Resources Engineering, Water Resources Systems Analysis and Water Resource Management
- Programmes and project management skills
- Knowledge of engineering design and analysis
- Research and development skills
- Competency in computer-aided engineering applications
- Knowledge of legal compliance
- Technical report writing skills
- The ability to create a high performance culture
- Professional judgement and networking skills
- Excellent communication (verbal and written) including report writing skills
- Planning and organizational skills
- Customer focus and responsiveness
- Analytical, creativity and self-management
- Budgeting and financial management skills
- Problem solving and analysis
- Conflict, people and change management skills
- Collect, organize and critically evaluate information and manage knowledge
- Proven knowledge and understanding of hydrological processes
- A willingness to travel and work long hours

Enquiries: Mr. Jan van Staden / Mr. Ogwang Okoth at (023) 346 8000

Application letters accompanied by a comprehensive Curriculum Vitae, certified copies of all relevant qualifications, certificates including registration certificate with the ECSA as a professional engineer and copy of Identity Document must be placed in a sealed envelope marked "**Vacancy: Professional Engineer: Water Resource Management**" and posted to the Chief Executive Officer of the Breede-Gouritz CMA c/o the Human Resources Management Division, Private Bag X 3055, Worcester 6850 or hand delivered at the reception of the offices of the Breede-Gouritz CMA, 51 Baring Street, Worcester 6850.

The BGCMA is an Equal Opportunity Affirmative Action Employer and reserves the right not to make an appointment. Candidates who meet the requirements are encouraged to apply. The BGCMA may subject candidates to assessments which would include competency assessment in the advertised post. Copies of foreign qualifications must be accompanied by an evaluation certificate from the South African Qualification Authority (SAQA).

Closing date: 20 March 2017 at 16h00. No late, faxed or emailed applications will be considered.

Correspondence will be limited to short listed candidates. Applicants who have received no response within three months must consider their applications unsuccessful.