



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION

APPLICATIONS

For **Centre: Pretoria Head Office, Roodeplaat**: please forward your applications quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X 350 Pretoria 0001 or hand deliver at Continental Building, corner Cnr Visagie and Bosman, street, Pretoria. **For attention: Ms Cindy Mazibuko**

CLOSING DATE:

12 AUGUST 2016.TIME:16H00

POST:

SCIENTIFIC TECHNICIAN (PRODUCTION) GRADE A- C: BIOLOGY REF: 120816/12 2 POSTS laboratory (resource quality information services)

SALARY

: R255 768 -R R392 070 per annum (all inclusive OSD salary package)

CENTRE

: Pretoria, Roodeplaat Dam

REQUIREMENTS

: National Diploma in Science (Microbiology/Biotechnology/Water Care) or relevant qualification. Compulsory registration with the SACNASP as a Certificated Natural Scientist. Three (3) years post qualification technical (Scientific) experience. Knowledge of algae identification and microscopes will serve as the advantage. Knowledge of analytical techniques used in hydrobiology, microbiology or toxicity methods. The use of a Laboratory Information Management System (LIMS) for data handling. The ability to plan, organize and analyze samples. The ability to perform administrative tasks. Knowledge of ISO 17025. Knowledge of statistical analysis. Knowledge of Occupational Health and Safety Act and safety principles. Computer literacy and ability to use various software packages such as MS Word, Excel, Power point, Microsoft Outlook and Internet.

DUTIES

: Analyses of water/sediment samples using microbiological, hydro biological and toxicity methods. Algal identification using microscope and Flow CAM instrument. Preparation of media, solutions and standards. Maintenance of cultures. Maintenance of laboratory instruments. Maintain, update and improve the accreditation quality system. Training of subordinates. Capturing of data on LIMS and similar software packages. Generate data for validation of analytical methods. Purchase of consumables/instruments according to government procedures.

ENQUIRIES

: Ms M. Nkosi, Tel 012 808 9500