



Falkland Islands Government – Job Description

Job Title:	Food & Water Scientist - Food Water and Environment Testing Laboratory		
Department:	Health & Social Services	Section:	Pathology
Reports to:	Laboratory Manager		
Grade:	Falkland Islands Government Grade - D1	Job Code:	212BT1

Job Purpose

To support the provision of an effective food water and environmental testing (FWE) service to a wide range of organisation's within the Falkland Islands.

Job Facts & Figures:

The Food Water and Environmental Testing Laboratory (FWE) in the Falkland Islands is unique in that all its processes, procedures and protocols must fully comply with ISO/IEC 17025. This Laboratory is currently working towards attaining this standard and it is anticipated that the successful candidate, who will be thoroughly familiar with these requirements, will be a key member of the team that drives this process, not only to a position where we can successfully attain ISO/IEC 17025 registration, but also implements the necessary processes and procedure's required to maintain registration status.

Elsewhere there would be a Consultant for every discipline; in the Falklands there are no consultants on site and the post holder is expected to provide expert advice and make high level decisions. The only backup from PHE is over the telephone.

The post holder is expected to have a far greater understanding of the technical workings and repair of equipment than would normally be the case, as it is not practical for manufacturers to provide service representative assistance in the Falklands.

As part of Healthcare Governance the post holder is expected to contribute towards the maintenance of systems for controlled documents, incident reporting and provide statistics where required.

Main Accountabilities:

- Provide timely and accurate laboratory results for all FWE samples submitted to this Laboratory for analysis and investigation. This may include working closely with other clinical colleagues and agencies in the investigation and diagnosis of disease.
- Analyse water, food and environmental samples to ensure their suitability for human consumption or use. The minimum standard will be in accordance with current ISO/IEC 17025 standards.
- Assist the Laboratory Manager and Quality Assurance Manager in attaining and maintaining ISO/IEC 17025 standards throughout the FWE process.
- Provide timely advice, guidance and direction to the Laboratory Manager and the Quality Assurance Manager on the administrative, technical and equipment requirements that need to be in place to attain and maintain ISO/IEC 17025 standards throughout the Department.



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Main Accountabilities: *(continued)*

- Analyse water, food and environmental samples to ensure their suitability for human consumption or use. The minimum standard will be in accordance with current ISO/IEC 17025 standards.
- Assist the Laboratory Manager and Quality Assurance Manager in attaining and maintaining ISO/IEC 17025 standards throughout the FWE process.
- Provide timely advice, guidance and direction to the Laboratory Manager and the Quality Assurance Manager on the administrative, technical and equipment requirements that need to be in place to attain and maintain ISO/IEC 17025 standards throughout the Department.
- Implement Health & Safety procedures to protect against chemical and biological hazards.
- Ensure standards are maintained to UK levels by participation in a number of Internal and External Quality Assurance Schemes and internal quality control procedures.
- Participate fully in the laboratory's accreditation scheme by conducting checks, cleaning, audits and document reviews.
- Immediate assessment and effective notification to the Pathology Manager, of any perceived major threats to public health or safety. These could include such threats as exotic or virulent diseases or parasites, fungal or bacterial infections, or pollution of staple foods or water supplies.
- Write and review standard operating procedures to comply with current ISO/IEC 17025 standards.
- Oversee training and assess competency of other Laboratory staff in FWE processes to the satisfaction of ISO/IEC 17025.
- Contribute to the administrative workload of the laboratory.
- Maintain adequate stock levels and prepare orders when necessary.
- The work within this Laboratory is such that there may be a requirement to work at weekends or on public holidays. In addition if the Hospital is involved in a prolonged major incident the successful candidate will be expected to work with the clinical Pathology staff in a role allocated by the Laboratory Manager.

The job description is not an exclusive or exhaustive definition of your duties. You shall undertake such additional or other duties as may reasonably be required by FIG commensurate with your role and grade.



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Additional Information:

The successful applicant will be expected to take an active role in the Lab training sessions both as a provider of appropriate training as well as participating in planned sessions. This may include limited clinical pathology training specifically related to major incident situations.

The hours to be worked within FWE equate to 37.5 hours per week. Due to the flexible nature of the work involved, this may involve some work at weekends, or on public holidays.

Criminal Record Checks: This post is regarded as sensitive

All applicants for Government posts will be asked to disclose convictions upon application. Criminal records will only be considered for recruitment purposes when the conviction record is relevant. Having an 'unspent' conviction will not necessarily bar a candidate from employment. This will depend on the circumstances and background to the offence(s).

Any information given will be completely treated as confidential and will be considered only in relation to the post to which the application refers.

Failure by a candidate to reveal information that is directly relevant to the post applied for could lead to the withdrawal of an offer of employment.



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Person Specification:	Food & Water Scientist		
Criteria	Essential	Desirable	Assessment Method
Education and Training:			
BSc in Biomedical Sciences or related subject	✓		A
MSc in Biomedical Sciences		✓	A
Auditor Qualification		✓	A
Member of the Institute of Biomedical Sciences		✓	A
Knowledge, Skills and Experience:			
At least 2 years' experience of working in an FWE laboratory that is ISO/IEC 17025 accredited	✓		A/I/R
Familiarity with laboratory-based quality management systems	✓		A/I/R
Experience of working with LIMS systems within a laboratory framework	✓		A/I/R
Interpersonal/staff supervisory skills and experience		✓	A/I/R
Personal Attributes:			
Ability to work under pressure and meet deadlines	✓		A/I/R
Punctual	✓		A/I/R
Ability to communicate information clearly in a variety of formats	✓		A/I/R

Method of Assessment:

A - Application Form
 I - Selection Interview
 R – Reference