



Job Description

Job Title:	Dam Safety Technician – Gwent (WS071)
Reports to:	Dam Safety Engineer
Team:	Dam Safety
Location:	Ty Awen, Newport
Salary Band:	5 (£25,405 – £30,003)

As a credible member of the Dam Safety Team you will:

- Provide support and assistance to the Dam Safety Engineer in the surveillance, monitoring and maintenance of reservoirs under the Reservoirs Act 1975. These will be large impounding and service reservoirs.
- Be responsible for the management of Company Dam Safety Inspectors.
- Carry out maintenance and reactive works, meeting budgetary and performance targets, generally related to the safety of the Company's reservoir stock.
- Be responsible for engaging and supervising brought-in services for the delivery of maintenance schemes.
- Be responsible for managing one's own health and safety and meeting exacting health and safety standards.
- Be fully IT literate with knowledge of Microsoft Office, and the ability to use bespoke software.
- Be a team player, who understands the importance of ownership and accountability.
- Hold a current full driving licence.
- Be physically fit.

As a Dam Safety Technician you will:

- Be responsible for taking measurements such as water levels, piezometers and drainage flows and undertaking visual surveillance of dam structures as specified by the Dam Safety Engineers..
- Plan and supervise periodic checks on reservoir dam line and level.
- Be responsible for operational activities on the reservoirs, e.g. operating valves, managing grounds maintenance contractors
- Analyse and advise upon the results from monitoring of an assortment of instrumentation and observed behaviours.
- Be responsible for immediately reporting any changes or abnormal behaviour of these reservoirs to a Dam Safety Engineer.
- Manage, motivate and advise, as necessary, the Dam Safety Inspectors, and other personnel responsible for the day-to-day surveillance and monitoring of dams.
- Maintain all records as required by the Dam Safety Engineers.
- Advise and liaise with external and internal support (e.g. the Capital Team, Water Resources Team, NRW, ECARE, Health and Safety, Process Scientists and consultants) upon the cost effective engineering solutions of minor maintenance and reactive works.
- Undertake assigned activities to ensure compliance with the Company's Dam Safety Procedures and the Reservoirs Act.

- Carry out and support confined spaces entry into tunnels and shafts as directed by the Dam Safety Engineer.

Principal accountabilities

- Plan and deliver regular line and level surveys of a number of the Company's dams, reporting on any anomalies found to the Dam Safety Engineers.
- Regularly interpret and report upon the monitoring records resulting from day-to-day surveillance of the Company's dams.
- Use IT for updating records, storing and retrieval of drawings, files and other data with regard to reservoir safety and maintenance.
- Health and Safety management responsibility for all those involved in the delivery of reservoir safety and maintenance, including direct and sub contract workforces.
- Engage, supervise and manage brought-in services for the maintenance of reservoirs, within budget.
- Take part, as directed, in the event of an emergency occurring at any of the Company's dams and reservoirs.
- Ensure that the operation of reservoirs is undertaken in line with quality management procedures and is compliant with all relevant statutory and legislative requirements.
- Ensure that all dam safety activities are undertaken in an environmentally responsible and sustainable manner.
- Ensure that, in accordance with the Reservoirs Act and the Company's Dam Safety Procedures, all reservoir records are maintained in accordance with instructions from the Dam Safety Engineers.
- Liaise with internal and external providers, e.g. Capital Delivery, our Alliance partners and framework consultancies on all matters relating to the safety and maintenance of the Company's dams.
- Maintain an effective and motivating relationship with Dam Safety Inspectors, ensuring good communication and teamwork.
- Be an effective team player, supporting wider team colleagues and promoting best practice and standardisation to improve business performance.
- Be responsible for one's own health and safety management.
- Carry out other duties, as required, to meet business needs.

Guidance on Experience, Qualifications and Skills	Assessment Method		
	A	I	T
Educated to HNC level, in a numerate or engineering subject	X	X	
Relevant experience in the water and / or civil engineering industry, ideally working in one or more of the following areas: Dams and reservoirs, water operations, mechanical engineering, geotechnical engineering, environmental engineering , hydraulics, hydrology.	X	X	
IT proficient	X	X	
Holds a full current driving licence	X	X	
Able to demonstrate effective management of site health and safety and Company and legislative procedures	X	X	
Able to evidence effective line management of an operational team	X	X	
Able to communicate, effectively, with internal and external bodies with regard to the safety and maintenance of reservoirs	X	X	
The ability to develop positive working relationships across the Dam Safety Team and wider organisation	X	X	
A team player who understands the importance of ownership and accountability	X	X	
Has the ability to recognise change and defects in the reservoir, which may lead to potential incidents	X	X	
Able to demonstrate the technical ability to implement improvement actions and manage contractors and consultants	X	X	

Key:

A – Assessed via application form

I – Assessed at interview

T – Assessed using psychometric / ability test

Competencies	Assessment Method		
	A	I	T
Achievement Motivation - The drive and energy to produce excellent results and to continually find ways of improving relationships, outputs and processes.	X	X	
Adaptability - The ability to maintain effectiveness with changing environments, tasks, responsibilities or people. The ability to modify one's approach or style in order to reach a goal.	X	X	
Attention To Detail The tolerance for and ability to handle detail. The ability to be able to analyse, understand and produce detailed information accurately.	X	X	
Communication skills – The drive and ability to exchange appropriate information with relevant people at the right time. The desire and skills to seek first to understand as well as to be understood. To be as open as confidentiality allows.	X	X	
Critical Thinking - The ability to gather, understand, analyse and interpret information & concepts, verbal or numerical, about people or situations, quickly.	X	X	
Decisiveness - The ability and readiness to make timely, practical and resource effective decisions, and to act on conclusions reached.	X	X	
Initiative - The ability to actively influence events rather than passively accept them. The ability to see opportunities and to act on them, to originate action.	X	X	
Interpersonal Sensitivity - The awareness of other people and the environment and one's own impact on these. The ability to get on with people in different situations and to work with others to achieve mutual goals.	X	X	
Corporate Representation - The enthusiasm and ability to lead by example and to project a positive and professional image of DCWW with all contacts and stakeholders at all times.	X	X	
Creativity/Innovation - The ability to look at issues from a broad perspective, to come up with imaginative solutions, and to identify innovative alternatives to typical, unusual or difficult situations or problems.	X	X	
Ownership and reliability – The readiness to take responsibility for projects or issues and to be accountable for their timely delivery and quality. The capacity and motivation to fulfil consistently any undertakings made. The habit of never letting people down or promising what can't be done.	X	X	
Environmental & Organisational Awareness - The awareness of economic, environmental, social and political factors, current and changing, likely to affect the job or the organisation. The ability to assess the impact of these factors on the job or the organisation and to overcome challenges and seize opportunities to optimise effectiveness.	X	X	

Application Method:

- If you wish to apply **please complete an Application Form** (which can be obtained on the Vacancies page of the Dwr Cymru Website or the Infozone) to recruitment@dwrwymru.com
- In order to assess a candidate's suitability, Applications should demonstrate evidence in relation to the Experience, Qualifications and Skills and Competencies listed above.

Dŵr Cymru Welsh Water is an Equal Opportunities Employer
Welsh language skills are desirable for this post