

Compliance Assessment Report CAR_NRW0044648

Licence being assessed: WA/065/0008/005.

For: , held by Idris Jones.

At: .

Type of assessment: Site Inspection, Reason: Routine.

On 26/06/2024, between 10:30 and 12:00.

Parts of licence assessed: All

NRW Lead Officer: Laura Jones, accompanied by Gareth Siney.

Report sent to: Mr Idris Jones, Permit Holder, on 05/07/2024.

1. Summary of our findings (full details in section 4)

Part of licenced activity assessed (criteria)	Assessment result	Licence condition
WR-A1 - Water Abstraction - Abstraction specified by licence - Source of supply	Assessed (A)	
WR-A2 - Water Abstraction - Abstraction specified by licence - Points of abstraction	Assessed (A)	
WR-A3 - Water Abstraction - Abstraction specified by licence - Means of abstraction	Assessed (A)	
WR-A4 - Water Abstraction - Abstraction specified by licence - Purposes of abstraction	Assessed (A)	
WR-A5 - Water Abstraction - Abstraction specified by licence - Period of abstraction	Assessed (A)	
WR-A6 - Water Abstraction - Abstraction specified by licence - Quantities	Assessed (A)	
WR-A8 - Water Abstraction - Abstraction specified by licence - Other specified on licence	Assessed (A)	
WR-B1 - Water Abstraction - Abstraction measurement and records - Means of measurement	Assessed (A)	
WR-B2 - Water Abstraction - Abstraction measurement and records - Recording	Assessed (A)	
WR-F1 - Water Abstraction - Discharge - Point of discharge	Assessed (A)	
WR-F2 - Water Abstraction - Discharge - Infrastructure	Assessed (A)	
WR-F3 - Water Abstraction - Discharge - Measurement	Assessed (A)	
WR-F4 - Water Abstraction - Discharge - Recording	Assessed (A)	

Result types are explained in more detail in the 'Important Information' section below.

2. What action is required?

No action required.

3. What will happen next?

Any non-compliance we have identified and recorded on this form is an offence. It can result in criminal prosecution or civil sanctions being imposed depending on the circumstances of the offence.

At this time, we do not intend to take any further action.

This statement does not stop us from taking additional enforcement action if further relevant information comes to light or offences continue.

4. Details of our assessment

The abstraction licence to abstract water for Taiduon, Pant Glas is due for renewal on the 31st March 2025. Laura Jones from the Conwy Environment Management team and Gareth Siney from the Mon and Arfon Environment Management Team visited the site on the 26th June 2024 and met with the owner Mr Idris Jones.

Source of Supply

Inland water (stream) known as an unnamed tributary of the Afon Dwyfach at Pant Glas, Penygroes Gwynedd.

No issues were identified.

Points of Abstraction

At National Grid Reference SH 48645 47147 marked 'Point A' on the map

No issues were identified.

Means of Abstraction

Intake works with a gravity feed pipe of an internal diameter not exceeding 280 millimetres

No issues were identified

Purpose of Abstraction

Power production

No issues were identified

Period of Abstraction

All year.

No issues were identified.

Maximum Quantities of Water to be Abstracted

2,592 cubic metres per day

946,080 cubic metres per year

At an instantaneous not exceeding 30 litres per second

Returns data has been sent to NRW on a regular basis these have been checked and no issues have been identified.

Further Conditions

For the purpose of this licence, references to 'hydropower scheme' shall mean all works consisting of an intake weir, stainless steel intake screen with 3 millimetre diameter perforations, gravity feed pipe with a diameter not exceeding 280 millimetres, orifice plate not exceeding 57 millimetres in diameter, removable compensator plate, a turbine with associated ancillary works, tailrace and outfall structure fitted with a screen with maximum spacing of 10 millimetres.

All measurements from site were compliant with these conditions.

The licence holder shall construct, operate and maintain the hydropower scheme in accordance with the specifications and drawings

The hydropower scheme has been constructed and is operated in accordance with the drawings and specifications.

The licence holder shall as far as is reasonably practicable ensure that no water flows through the turbine if the licence holder is unable to generate power.

At the time of the visit the scheme was not generating and no water was flowing through the turbine.

The licence holder shall return all of the water abstracted in pursuance of this licence to the

unnamed tributary of the Afon Dwyfach at national grid reference SH 48187 46838 marked Point Q on the map.

No issues were identified

From 1 April to 30 September each year, the quantity of water abstracted shall not exceed 60% of the available flow in the unnamed tributary of the Afon Dwyfach in excess of 5 litres per second.

From 1 October to 31 March each year the quantity of water shall not exceed 80% of the available flow in the unnamed tributary of the Afon Dwyfach in excess of 5 litre per second

A compensation plate is used to ensure these conditions are met

Image 1 shows the weir structure



Image 2 shows the different sections on the weir



Image 3 shows the compensation plate used for the seasonal flow variations



Image 4 shows the turbine house



Image 5 shows the turbine



Image 6 shows the meter used for readings



The scheme has been built exactly to the permit, it is very well maintained and returns are sent in every year. I would like to thank Mr Jones for taking the time during the visit to take us to the weir structure and the turbine house and don't see any issues with a new permit being issued.

Laura Jones

Swyddog Amgylchedd/ Environment Officer

Tim Amgylchedd Conwy/ Conwy Environment Team
Cyfoeth Naturiol Cymru / Natural Resources Wales
Ffon Symudol/Mobile Phone 07766248453

Siaradwr Cymraeg
Maes y Ffynnon, Penrhosgarnedd, Bangor, Gwynedd, LL57 2DW.

If you have any queries about this report, or to discuss completion of any actions, please contact the NRW Officer named above.

Important information

Legal status of this report

Your licence is issued to you under the Water Resources Act 1991 as amended by the Water Act 2003. You have a responsibility to comply with the conditions of your licence and prevent pollution/harm to the environment. You must also ensure that you comply with any other relevant legislation that may apply to your site's operations.

This report explains the findings of our assessment and any action you are required to take. We categorise non-compliance using our guidance for assessing non-compliance at regulated sites.

When we find potential non-compliance/s we will normally give you advice on how to maintain compliance.

To correct non-compliance, we may:

- require you to take specific actions
- issue a notice.

Any advice and guidance we give will be without prejudice to any other enforcement response that we consider may be required.

Assessment results and non-compliance categories (used in section 1):

Assessment result	Description
Assessed (A)	Assessed or assessed in part, no evidence of non-compliance found
Action only (X)	Action only relating to the activity assessment
Ongoing (O)	Ongoing non-compliance, not scored

Non-compliance category	Description
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend non-compliance for up to six months to allow time for remedial action to be taken. These will be re-instated if the action is not completed.

Full list of Water resource action criteria (used in section 1 and 2):**WR A: Abstraction specified by Licence**

- WR-A1 Source of supply
- WR-A2 Points of abstraction
- WR-A3 Means of abstraction
- WR-A4 Purposes of abstraction
- WR-A5 Period of abstraction
- WR-A6 Quantities
- WR-A7 Land
- WR-A8 Other specified on licence

WR B: Abstraction measurement and records

- WR-B1 Means of measurement
- WR-B2 Recording
- WR-B3 Reporting

WR C: Surface / Groundwater level and protected flow

- WR-C1 Minimum hands-off flow/level requirements
- WR-C2 Flow/level measurement devices
- WR-C3 Recording
- WR-C4 Reporting

WR D: Environmental monitoring and information

- WR-D1 Recording
- WR-D2 Reporting
- WR-D3 Notifications

WR E: Fish and eel passage

- WR-E1 Infrastructure specified by licence
- WR-E2 Maintenance and records

WR F: Discharge

- WR-F1 Point of discharge
- WR-F2 Infrastructure
- WR-F3 Measurement
- WR-F4 Recording
- WR-F5 Reporting

WR G: Impoundment specified by licence

- WR-G1 Inland water to be impounded
- WR-G2 Manner and extent of impoundment
- WR-G3 Point(s) of impoundment
- WR-G4 Construction and removal requirements
- WR-G5 Other specified on licence

WR H: Borehole infrastructure

- WR-H1 Infrastructure and accessibility
- WR-H2 Maintenance and calibration

Enforcement response

Any licence condition non-compliance is an offence and we may take legal action against you. Action we take can include prosecution or civil sanctions. See our Enforcement and Sanctions Guidance for further information.

Data protection notice

You should make sure that anyone named in this report knows that the information it contains will be processed by Natural Resources Wales to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s).

We may also use and/or disclose the report in connection with:

- offering or providing you with our literature or services relating to environmental matters
- consulting with the public, public bodies and other organisations (e.g. Health and Safety Executive, local authorities) on environmental issues
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law
- assessing customer service satisfaction and improving our service
- Freedom of Information Act or Environmental Information Regulations requests.

We may also pass it on to our agents or representatives to do these things on our behalf.

Disclosure of information – this report will be available to view on-line

If you think this report contains commercially confidential information that should not be placed on our public register, you must contact your local Natural Resources Wales office within **fifteen working days** of receiving this report, using the contact details in the accompanying email or letter. You must give a full explanation of why it should not be added to our public register, including specifying which information is commercially confidential. We will assess your request and respond to you within 20 working days to let you know if we agree to your request.

What do I do if I disagree with the report or have a complaint?

If you disagree with this compliance assessment report, you should contact the lead officer without delay to discuss your concerns.

If you are unable to resolve the issue with the lead officer or their line manager you should contact our Customer Contact team on 0300 065 3000 (Mon to Fri 08:00 – 18:00), or email enquiries@naturalresourceswales.gov.uk for details of how to raise your dispute further through our Complaints and Commendations procedure.

If you are dissatisfied with our response, you can contact the Public Services Ombudsman for Wales by phone on 0300 7900203 or by email at ask@ombudsman.wales

Welsh Language Standards

We are committed to establishing Natural Resources Wales as a naturally bilingual organisation. We will provide compliance reports in your preferred language.