

Compliance Assessment Report CAR_NRW0048636

Licence being assessed: 24/67/7/0036.

For: Abstraction from points 'K' - Ty Mawr Res and 'L' - Cae Llwyd Res, held by Hafren Dyfrdwy Cyfyngedig.

At: Ty Mawr Reservoir, Cae Llwyd Reservoir, LL14 1UJ.

Type of assessment: Site Inspection, Reason: Routine.

On 18/06/2025, between 11:00 and 13:00.

Parts of licence assessed: Quantities of water abstracted

NRW Lead Officer: Rebecca Redmond, accompanied by Philip Barrett.

Report sent to: Hafren Dyfrdwy Cyfyngedig, Licence holder, on 01/07/2025.

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

Part of licenced activity assessed (criteria)	Assessment result	Licence condition
WR-C1 - Water Abstraction - Surface/groundwater level and protected flow - Minimum hands-off flow/level requirements	C2 Significant	Quantities of Water - Wrexham Waterworks Act 1874 and 1902 Section 10
WR-C2 - Water Abstraction - Surface/groundwater level and protected flow - Flow/level measurement devices	C2 Significant	Quantities of Water - Wrexham Waterworks Act 1874 and 1902 Section 10
WR-C1 - Water Abstraction - Surface/groundwater level and protected flow - Minimum hands-off flow/level requirements	Action only (X)	

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

2. What action is required?

Criteria	Action needed	Complete by
WR-C1	To ensure correct compensation flow is provided.	15/07/2025
WR-C2	Install gauges to measure compensation flow as required by legislation.	01/01/2026
WR-C1	Provide details of how the compensation flow is provided from Ty Mawr.	08/07/2025

Action criteria codes are listed in the 'Important Information' section below.

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.

You are non-compliant with your licence.

We are currently considering taking enforcement action against you for the non-compliance recorded above. We will contact you in due course.

4. Details of our assessment

A site visit was carried out to the abstraction that takes place from Cae Llwyd and Ty Mawr reservoirs under licence 24/67/7/0036.

The meter for the abstraction is housed in the Legacy site, which was previously used as the treatment works. This was the first place we visited as part of the site inspection and photos were gathered of the meter. The abstracted water is now piped to the Llwyn Onn WTW.

The daily authorised abstraction quantity is 11365.225 cubic metres a day. A flow rate of 473.551 would be required each hour to achieve this. The meter was seen to be reading 44 cubic metres an hour, which is well within the authorised quantity, should this flow be maintained.

A discussion took place surrounding the compensation flow requirements from the reservoir and the licence refers to the Wrexham Waterworks Acts 1874 and 1902. The Acts require that 114m³ (1.32 l/s) from Cae Llwyd and 182m³ (2.1 l/s) per day from Ty Mawr are caused to flow freely down the Pentrebychan Brook. It also requires that they are to lay down and maintain all necessary gauges.

The gauge required by the act does not appear to be in place. This has been raised in previous CAR forms **CAR_NRW0036937** and **CAR_NRW0033739**. No flow calculations were carried out on the day, however it was visible that the trickle of water was below the required 1.32l/s as required from Cae Llwyd. The set up in this location does not appear to provide the compensation flow required from Ty Mawr.

The visit found the Cae Llwyd reservoir to be slowly filling back up due to previously being emptied following works that had taken place to install a new spillway. The spillway is nearly almost complete and therefore the reservoir is being topped up slowly to prevent any overtopping or bank seepage. The reservoir is currently at 12% so not full as of yet.

Please provide details of how the compensation flow is provided from Ty Mawr by 08/07/2025.

Please do not hesitate to contact me to discuss the above if required.

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.