

## Compliance Assessment Report CAR\_NRW0044951

**Licence being assessed:** WA/065/0004/015.

For: Private water supply Llyndy Isaf farmhouse, held by National Trust Renewable Energy Limited.

At: Nant Gwynant, Beddgelert, Caernarfon, LL55 4NH.

**Type of assessment:** Site Inspection, Reason: Routine.

On 02/08/2024, between 13:00 and 14:00.

Parts of licence assessed: All

**NRW Lead Officer:** Laura Jones, accompanied by Sioned Jones.

**Report sent to:** Wynn Owen, Caretaker, on 13/08/2024.

### 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-B1 - Water Abstraction - Abstraction measurement and records - Means of measurement | Assessed (A)      |                   |
| WR-B2 - Water Abstraction - Abstraction measurement and records - Recording            | Assessed (A)      |                   |
| WR-B3 - Water Abstraction - Abstraction measurement and records - Reporting            | 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 from inland water (stream) known as an un-named tributary of Llyn Dinas near Llyndy Isaf, Nant Gwynant, Beddgelert, Caernarfon is due for renewal on the 31<sup>st</sup> March 2025. Laura Jones from the Conwy Environment Management team and Sioned Jones from the Dwyfor and Meirionydd Environment Management Team visited the site on the 2<sup>nd</sup> August 2024 and met with the caretaker Mr Wynn Owen.

#### 1. Source of Supply

Inland water (stream) known as un-named tributary of Llyn Dinas near Llyndy Isaf, Nant Gwynant, Beddgelert, Caernarfon.

No issues were identified.

#### 2. Points of Abstraction

At National Grid Reference SH 62669 49541 marked 'Point A' on the map

At National Grid Reference SH 62668 49809 marked 'Point B' on the map

No issues were identified.

#### 3. Means of Abstraction

##### Point A

Intake works and a gravity feed pipe of an external diameter not exceeding 250 millimeters controlled by a spear valve.

No issues were identified.

**Point B**

Intake works and a gravity feed pipe of an external diameter not exceeding 25 millimeters controlled by a suction pump and pressure switch.

We were unable to measure the pipe due to the water being too deep but did look to be compliant.

**4. Purpose of Abstraction****Point A**

Power production

**Point B**

Private water supply

No issues were identified

**5. Period of Abstraction**

All year.

No issues were identified.

**6. Maximum Quantities of Water to be Abstracted****Point A**

For the purpose of power production

2,151.36 cubic metres per day

785,246.4 cubic metres per year

At an instantaneous rate not exceeding 24.9 litres per second

**Point B**

For the purpose of private water supply

20 cubic metres per day

7300 cubic metres per year

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

## **8. Records**

For the purpose of power production:

The licence holder shall record readings of the electrical output and the corresponding quantity of water abstracted at the same time each month.

The licence holder shall send to NRW a copy of the records required

The licence holder shall keep all records for at least six years.

Abstraction returns have been received for each year the scheme has been operating, these have been checked and no over abstraction has been found.

## **9. Further Conditions**

For the purpose of this licence, references to 'hydropower scheme' shall mean all works that include a new concrete weir with an intake screen with spacing no greater than 3 millimetres, pre-fabricated steel intake box, a gravity feed pipe with an external diameter not exceeding 250 millimetres controlled by a spear valve, broad crested HOF notch, a turbine with associated ancillary works, tailrace and outfall structure fitted with a screen with spacing no greater than 10 millimetres.

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

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

The licence holder shall return all water abstracted for the purpose of power production, in pursuance of this licence to the un-named tributary of Llyn Dinas at National Grid Reference SH 62524 49815 marked 'Point Q' on the map

The quantity of water abstracted for the purpose of power production shall not exceed 70% of the available flow in the un-named tributary of Llyn Dinas in excess of 2.5 litres per second

No abstraction for the purpose of power production shall take place unless the Licence Holder has installed a stainless steel Coanda intake screen with spacing no greater than 3 millimetres to prevent the entrapment, entrainment or impingement of fish at the point of abstraction.

No abstraction for the purpose of power production shall take place unless the Licence

Holder has installed a screen with spacing no greater than 10 millimetres to the outfall structure to prevent the entrapment, entrainment or impingement of fish

No issues were identified the structure is very well maintained and has been built to the drawing specifications.

I would like to thank Mr Wynn Owen for taking the time during the visit to take us to the weir structure, the drinking water abstraction point and the turbine house.

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](mailto: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](mailto: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.