

## Compliance Assessment Report CAR\_NRW0048908

**Permit being assessed:** BG0027301

For: Llwyncelyn Wastewater Treatment Works, held by DWR CYMRU CYFYNGEDIG

At: Track off A487, near Rhyd Y Gofiant, Llwyncelyn, Aberaeron, Ceredigion, SA46 0HL.

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

On 21/07/2025, between 12:55 and 13:20.

Parts of permit assessed: See criteria listed below

**NRW Lead Officer:** Ffion Quan.

**Report sent to:** CARS Mailbox, CARS Mailbox, on 30/07/2025.

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

| Part of permitted activity assessed (criteria)                        | Assessment result | Permit condition |
|-----------------------------------------------------------------------|-------------------|------------------|
| WQ-B1 - Water Quality - Operations - Permitted activities             | Assessed (A)      |                  |
| WQ-B2 - Water Quality - Operations - The site                         | Assessed (A)      |                  |
| WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water | 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 |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| WQ-C1    | The outfall was not assessed during the visit. Please can the outfall be inspected when the site operator is next on site. We kindly ask if you are able to send forward a photograph to the NRW officer once completed. | 21/08/2025  |

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 and/or suspension or revocation of your permit.

**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

This was a pre planned visit carried out by Natural Resources Wales (NRW) officer Ffion Quan who was accompanied by a Dŵr Cymru Welsh Water (DCWW) operative.

### **General Observations**

NRW officer Ffion Quan arrived on site at 12:55 hours.

NRW officer was taken through the works from the inlet, through the treatment system, including the storm and to the outflow. The treatment system at Llwynceilyn WwTW is a two bio filter bed system. The site operator visits the site twice a week.

### **The Process**

The incoming flow into the works are gravity fed into the inlet which is then passed through 6x6mm screens before passing through to the primary tank. The flow enters the splitting chamber and is directed to two bio filter beds on site, which contain stone media. The rotation arms are water driven and were moving free and unhindered at the time of the visit. See photograph below



*Photograph 1: Filter beds*

Following the filter bed treatment, the flows enter the humus tank, on to the final tank before reaching the chamber and the outfall to the Afon Drywi. The final effluent sampling point was marked and the discharge was clear with no evidence of any sewage fungus. See photograph below



*Photograph 2: Final effluent sampling point*

The works at Llwynceilyn include a recirculation pump which pumps the water back into the system from the final settlement tank to ensure that the filter bed continuously receives flow. There is an MCERTS FPF monitoring point and another MCERTS flow monitoring point located on site as per the permit.

There is a de sludge pump located on site with a sludge holding tank located at the upper half of the site which gets emptied several days per week to keep up with the incoming flow.

The outfall was not inspected on the day of the visit.

### **Storm**

After the screening system, if the site is overwhelmed and the flow passed forward is equal or greater than 2.65l/s due to rainfall and/or snow melt the flow is directed towards the storm tank where the EDMS is located. The flow directs to the settled storm sample point before being discharged through the combined final effluent (FE) and settled storm discharge point. There is a settled storm to environment EDM monitoring point.

### **Actions**

Please can the outfall be inspected when the site operator is next on site. We kindly ask if you are able to send forward a photograph to the NRW officer once completed. Please can this be completed by the 21/08/2025.

Thank you for your time during the visit.

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 permit is issued to you under the Environmental Permitting Regulations. You have a responsibility to comply with the conditions of your permit 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
- review the conditions of your permit.

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 quality action criteria (used in section 1 and 2):****WQ A: Management**

- WQ-A1 General management

**WQ B: Operations**

- WQ-B1 Permitted activities
- WQ-B2 The site
- WQ-B3 Operating techniques
- WQ-B4 Improvement programme
- WQ-B5 Pre-operational conditions

**WQ C: Emissions and monitoring**

- WQ-C1 Emissions to water
- WQ-C2 Emissions to land
- WQ-C3 Emissions of substances not controlled by emission limits
- WQ-C4 Installation of monitoring boreholes

**WQ D: Information**

- WQ-D1 Records
- WQ-D2 Reporting
- WQ-D3 Notifications

**Enforcement response**

Any permit condition non-compliance is an offence and we may take legal action against you. Action we take can include prosecution, serving a notice on you and/or suspension or revocation of your permit. 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 (Monday to Friday 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.