

Compliance Assessment Report CAR_NRW0050014

Permit being assessed: BN0021801

For: LLEDROD STW LLEDROD ABERYSTWYTH, **held by:** CYNGOR SIR CEREDIGION C C

At: LLEDROD STW, LLEDROD, ABERYSTWYTH, CEREDIGION, SY23 4HZ.

Type of assessment carried out: Site Inspection,

Reason: Routine.

On 25/09/2025, between 11:43 and 12:22.

Parts of permit assessed: See criteria listed below

NRW Lead Officer: Bethan Lewis.

Report sent to: Martyn Davies, STW Project Officer for Ceredigion County Council, on 22/01/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant 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	C4 No impact	5
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	C4 No impact	6

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	Ensure that flow measurement structures are provided and maintained to enable the daily volume and instantaneous flow rate of the discharge to be measured or determined as required.	22/04/2026
WQ-C1	Ensure that the final effluent sample point is appropriately labelled.	22/03/2026

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 site inspection of Lledrod Sewage Treatment Works (STW) (permit number: BN0021801) carried out by Natural Resources Wales (NRW) officer Bethan Lewis. The NRW officer was accompanied during the site inspection by Martyn Davies, STW Project Officer for Ceredigion County Council (CCC), and Eirian Jones, Building Maintenance Manager for CCC.

The site inspection commenced at 11:43 hours on the 25 September 2025 and concluded at 12:22 hours. The weather at the time of the inspection was dry. It had also been dry the previous day.

Lledrod STW treats sewage from 11 domestic properties using a Rotating Biological Contractor (RBC). The RBC is shown in photograph 1 below. At the time of the inspection, the discs of the RBC were rotating unhindered. The RBC discs are shown in photograph 2 below.



Photograph 1: Rotating Biological Contractor (RBC)



Photograph 2: Rotating Biological Contractor (RBC) discs

A contractor working on behalf of Ceredigion County Council (CCC) visits Lledrod STW once every six weeks. During these visits, the contractor assesses whether the RBC requires desludging. On the day of the site inspection, the RBC had last been desludged on the 21 July 2025.

A final effluent sample point exists at Lledrod STW as shown in photograph 3 below. Final effluent appeared clear at the sample point at the time of the inspection, with no visible oil or grease visible. The rate of discharge into the final effluent sample point did not appear to exceed 1 litre per second. It was therefore likely that the site was compliant with condition 4 of the permit which states that "*the rate of discharge shall not exceed 1 litre per second*". Although CCC estimate that the average daily flow from Lledrod STW is 7.2 cubic metres per day, less than the maximum daily discharge limit on the permit (8.9 cubic metres per day), no flow measurement structures have been provided and maintained to enable the daily volume and instantaneous flow rate of the discharge to be measured or determined. This represents a breach under condition 5 of the permit. As no evidence was observed at the time of the inspection to suggest that the maximum rates of discharge were being exceeded (1 litre per second / 8.9 cubic metres per day), a category 4 non-compliance has been recorded above for the breach under condition 5. A category 4 non-compliance represents a non-compliance that cannot foreseeably have any impact on the environment, people and/or property. To rectify the non-compliance, NRW ask CCC to ensure that flow measurement structures are provided and maintained to enable the daily volume and instantaneous flow rate of the discharge to be measured or determined as required by the **22 April 2026**.



Photograph 3: Final effluent sample point

Condition 6 of Lledrod STW's permit requires that the final effluent sample point is appropriately labelled. As the final effluent sample point was not appropriately labelled at the time of the inspection, a further category 4 non-compliance has been recorded above. To rectify this non-compliance, NRW ask CCC to ensure that the final effluent sample point is appropriately labelled by the **22 March 2026**.

Final effluent from Lledrod STW discharges into an unnamed tributary of the Afon Wyre. The final effluent outfall is shown in photograph 4 below. No discolouration or evidence of pollution was observed at the outfall.



Photograph 4: Final effluent outfall

NRW wish to thank CCC for accompanying the NRW officer at the time of the above site inspection. If CCC wish to discuss the content of this Compliance Assessment Report (CAR), we encourage them to contact the NRW officer noted above.

In this document 'Natural Resources Wales' means the Natural Resources Body for Wales established by Article 3 of the Natural Resources Body for Wales (Establishment) order 2012.

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 required for the permit condition assessed to avoid non-compliance. No non-compliance scored at this time
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

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 Monitoring
- WQ-C5 Installation of monitoring boreholes

WQ D: Information

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

Enforcement response

Any non-compliance with a permit condition 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 twenty working days to let you know if we agree to your request.

Disputing the Content of this Compliance Assessment Report Form

If you disagree with the content of this Compliance Assessment Report form, you should submit your concerns, in writing, to the regulating officer who issued it within **15 working days** of its issue. This will be treated as a **Stage 1 review**.

If you are not satisfied with the outcome of the stage 1 review, you may request a **Stage 2 appeal**. This request must be submitted **within 21 working days** of receiving the response from the stage 1 review.

Further details on our review and appeal process are available at: [Natural Resources Wales / Appeal a regulatory decision from Natural Resources Wales](#)

Concerns Not Related to the Content of this Compliance Assessment Report Form

If your concerns do not relate to the content of the Compliance Assessment Report form, you should first attempt to resolve the issue with the regulating officer or their line manager.

If the issue remains unresolved, please contact our **Customer Contact Team**:

- **Telephone:** 0300 065 3000 (Monday to Friday, 09:00–17:00)
- **Email:** enquiries@naturalresourceswales.gov.uk

They will provide details on how to escalate your concerns through our **Complaints and Commendations procedure**.

If you are dissatisfied with our response, you may contact the **Public Services Ombudsman for Wales**:

- **Telephone:** 0300 790 0203
- **Email:** 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.