

Compliance Assessment Report CAR_NRW0049752

Permit being assessed: BG0007801

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

At: Track next to 1 Castle Road, Pencader, Carmarthenshire, SA39 9BS.

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

On 23/09/2025, between 12:40 and 13:10.

Parts of permit assessed: All

NRW Lead Officer: Gavin Thomas.

Report sent to: CARS Mailbox, CARS Mailbox, on 22/10/2025.

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	C3 Minor	Condition 2.1 The only activity authorised by the permit is the activity specified in schedule 1 table S1.1; the discharge of secondary treated sewage effluent via the Final Effluent Discharge Point

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

2. What action is required?

Criteria	Action needed	Complete by
WQ-B1	Repair cracks in the brickwork of the biofilter feed chamber of works to prevent further discharge to the ground	31/12/2025

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.

You are non-compliant with your permit.

At this time, we are issuing you with a warning for the non-compliance recorded above. Warnings may influence future enforcement response for continued or further non-compliance.

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

Routine inspection of Asset. The weather conditions were dry and sunny at the time of the inspection with no rain for 3 days prior.

The site is a Wastewater Treatment Works that processes sewage effluent. The permit (BG0007801) for the site is for the discharge of secondary treated sewage effluent and settled storm sewage to the Afon Tyweli.

Officers were taken through the works from inlet, through the treatment system, and the final effluent sampling station. Officers also checked the discharge point to the Afon Tyweli and there did not appear to be any evidence of fungus or rag in the receiving watercourse however the discharge was seen to be pooling in a small ditch before reaching the main channel. It was discussed how this ditch needs to be cleared to prevent further pooling in periods of lower flows.

The Process

Effluent enters the site at the inlet where all flows pass through the screw press screen, before entering 3 primary tanks. There was evidence of a manhole at the inlet spilling due to the works becoming overwhelmed in times of high flows, however this spill was not happening at the time of the inspection. There is a storm overflow on the inlet where flows spill to the storm tanks. The storm overflow was operating at the time of the inspection even though there had been no rain for 3 days prior to the inspection. There are EDM monitors on the spill to the storm tank, and on the spill to the environment from the storm tanks.

The effluent then gets treated by 2 filter beds. The filter beds had a lot of growth of vegetation coating the media and the effluent was pooling on the surface of the beds. The effluent then enters into 3 final settlement tanks before discharging to the environment.

Permit breach

Condition 2.1 The only activity authorised by the permit is the activity specified in schedule 1 table S1.1; the discharge of secondary treated sewage effluent via the Final Effluent Discharge Point

There was sewage leaking out of the brickwork of biofilter feed chamber and pooling on the ground. It was discussed at the time of the inspection that the source of this leak needs investigation and



repairing prevent further discharges to the ground.

Pooling on the filter beds



Leak on the biofilter feed chamber.



Evidence of spill from manhole at the inlet.



Discharge point, effluent pooling in small ditch before reaching the main watercourse.

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 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.