

Compliance Assessment Report CAR_NRW0046481

Permit being assessed: AB0056601

For: Llanspyddid Wastewater Treatment Works, held by DWR CYMRU CYFYNGEDIG
At: A40, Llanspyddid, Brecon, LD3 8PB.

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

On 13/02/2025, between 11:47 and 12:10.

Parts of permit assessed: See criteria below

NRW Lead Officer: Robert Harding.

Report sent to: CARS Mailbox, CARS Mailbox, on 28/02/2025.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-A1 - Water Quality - Management - General management	Assessed (A)	
WQ-B1 - Water Quality - Operations - Permitted activities	Assessed (A)	
WQ-B2 - Water Quality - Operations - The site	Assessed (A)	
WQ-B3 - Water Quality - Operations - Operating techniques	Assessed (A)	
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	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 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 OSM site inspection conducted by Natural Resources Wales Officer Robert Harding. I was shown around the site by the following DCWW representatives.
BB- Senior Operations

OB- Process Scientist

The weather during the visit was dry and cold. I was shown through the works from inlet through to the outfall.

General Observations

The works is a small, unmanned works filter bed works operating under a numeric permit (OSM Tier 3). The treatment process is gravity/hydrologically powered and there is no mains power at the site. Solar panels have been installed to power rotation sensors on the filter beds, to allow monitoring of the works when unmanned.

Inlet

The incoming flow to the site is from a gravity sewer. There is no screening in place, and flows pass directly into primary settlement.

Primary Settlement

The flows into the works flow directly into to parallel covered rectangular primary settlement tanks, which have retention boards in place to hold back solids and promote settlement. At the time of inspection, the primary settlement tanks appeared to be operating effectively, and no signs of significant solids were seen passing on to the next stage of treatment.

The effluent from each of the primary settlement tanks leads to a separate syphon chamber, the purpose of which is to ensure there is sufficient hydrological pressure for the rotating filter bed arms. Both syphons were operational at the time of inspection.

Filter Beds

The works contains two filter beds containing stone filter stone media. Once the syphons discharged the filter arms for both beds were moving freely and unhindered.

Filter bed 1 had a slight coverage of moss and some vegetation growth and some ponding in one area (likely where the filter bed arm was cleaned out during maintenance). However, this did not appear to be preventing ample distribution onto the filter media.

Overall, the filter beds at the works appeared to be in good working order and the filter bed outfall channels appeared to be flowing clear of any solids or signs of problems.



Humus Tanks

The final settlement tank is a single rectangular settlement tank with retention boards to slow the flow down and prevent solids passing over. The final settlement system appeared to be operating effectively holding back scum and foam from the outfall. The outfall channel tank appeared clear and free flowing with no signs of significant solids passing through or sewage fungus growth.



Outfall and sampling point

There is no outfall chamber on this site. The outfall and sampling point at this works is just outside of the site compound on the side of a steep bank. This has now been fenced off for health and safety reasons. There is a newly installed fence which has an opening hatch to allow for the safe inspection of the outfall and collection of samples. There is an appropriate sign in place to indicate the sample point. At the time of inspection, the effluent appeared to be flowing clear, and there were no signs of sewage fungus growth or significant solids passing through to the outfall, and no indications of negative impact to the receiving 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.