

Compliance Assessment Report CAR_NRW0044956

Permit being assessed: AC0140701

For: Llanddew Wastewater Treatment Works, held by DWR CYMRU CYFYNGEDIG
At: Llanddew, Brecon, Powys, LD3 9ST.

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

On 24/06/2024, between 12:00 and 12:30.

Parts of permit assessed: See criteria below

NRW Lead Officer: Robert Harding.

Report sent to: CARS Mailbox , CARS Mailbox , on 13/08/2024.

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 site inspection carried out by Natural Resources Wales Officer Robert Harding. I was shown around the site by the following DCWW representatives.
MH- Operations Supervisor

CB– Process Scientist

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

General Observations

The works is a single filter bed works, which is entirely gravity powered and operates under a descriptive permit. The site is unmanned and there is no telemetry currently in place, this is something which DCWW are looking to install. A new permit was issued for this site on 19/06/2024 with new limits for effluent quality. The new limits came into effect on 26/06/2024, which was after the date of this inspection. Therefore, this inspection was assessing compliance to the permit conditions from before the changes came into effect,

Inlet

The incoming flow to the site is from a gravity sewer. There is no screening in place at the inlet as flows into the works pas directly into the primary settlement tanks.

Primary Settlement

The primary settlement tanks are two parallel rectangular tanks, with a lower outlet height for retaining solids within the tanks. There is a COPA sack installed on the outfall of the primary settlement tank, which appeared in good working order and only contained minimal solids.

There is a syphon chamber at the outfall of primary settlement tanks. This is to allow water levels to build up to a suitable level before flows are sent through to the filter bed. This is due to the works being gravity powered and needing to make sure there is ample hydrological pressure for the filter bed arms to function correctly.

Overall, the settlement system appeared to be operating effectively. There were no signs of significant solids passing through to secondary treatment. The visible scum within the tanks appeared to be being kept at the surface and was not passing through.



Filter Bed

The works contains a single filter bed of stone media. On arrival at the works the filter arm was not rotating, as the syphon had not yet sent flow into the filter bed system. Once levels reached the set amount, flows were sent through to the filter bed. The rotation arm was moving free and unhindered. There were no signs of blocked outlets and the rotating arm appeared to be distributing effectively. There were no signs of ponding or dry patches across the filter bed. There was a slight coverage of moss on the filter bed surface, however this was not excessive and did not appear to be preventing distribution to the filter media.

The filter bed at the works appeared to be operating effectively.



Humus Tank

There is a single rectangular humus tank on site, with retention boards at each end to hold back solids from passing through. The surface of the humus tank had a coverage of what appeared to be oils/fats; however, this was being retained between the retention boards. The outfall from the humus tank was flowing clear, and there were no signs of solids passing over. The humus tank appeared to be operating effectively.



Outfall

The outfall of the works at the time of inspection was flowing clear and there were no visual indications of problems with the effluent quality. The sampling point is in the outfall chamber and was clearly marked and accessible.

On this occasion the physical outfall into the receiving watercourse was not checked, due to access being restricted by vegetation growth (off site). As there were no indications of problems with the treatment process, it was deemed not necessary on this occasion.

General Comments

The works is a very small and slightly secluded works, servicing a small population. The system is completely gravity/water powered and appears to be suitable to the size of the incoming flows. There are several trees around the

works, which could potentially cause issues with leaf litter on the site, however operators appear to have been keeping on top of this.

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.