

Compliance Assessment Report CAR_NRW0051615

Permit being assessed: AW1003901

For: Llanwrtyd Wells Wastewater Treatment Works, **held by:** DWR CYMRU CYFYNGEDIG

At: Track past Glanirfon Court, Llanwrtyd Wells, Powys, LD5 4AF.

Type of assessment carried out: Site Inspection,

Reason: Routine.

On 21/04/2026, between 11:30 and 12:00.

Parts of permit assessed: See Criteria Below

NRW Lead Officer: Chris Gurney, accompanied by: Kirsty Allwood.

Report sent to: CARS Mailbox, CARS Mailbox, on 11/05/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant permit condition
WQ-A1 - Water Quality - Management - General management	Action only (X)	
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-C4 - Water Quality - Emissions and monitoring - Monitoring	Action only (X)	
WQ-A1 - Water Quality - Management - General management	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-A1	Please confirm the storm tank capacity, and inspect the storm tank and maintain in line with DCWW processes.	23/06/2026
WQ-C4	Please provide confirmation of the MCERTS-certified	23/06/2026

Criteria	Action needed	Complete by
	monitoring equipment present on site, including their locations, read out screens and certification dates.	
WQ-A1	Please review sludge emptying frequencies to ensure they are compliant with DCWW operational policies. Where practicable, maintain adequate freeboard within the sludge tank to minimise the risk of overfilling or overflow.	23/06/2026

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 OSM site inspection carried out by Natural Resources Wales Officers Chris Gurney and Kirsty Allwood. The Officers were shown around the site by DCWW Area Supervisor, Process Scientist, and Senior Operative.

Site Description

Llanwrtyd Wells STW is a small sewage treatment works serving the Llanwrtyd Wells area. The works treats domestic sewage prior to discharge to the Afon Irfon.

Weather conditions

The inspection was carried out under dry conditions with intermittent sunshine, following dry weather the day before.

Inspection

Both officers were given a full site workover from the inlet works through to the final effluent outfall.

Incoming flows pass through the inlet chamber where solids and rags are removed via an ACE screener utilising a centrifuge filter. A bypass channel is present with a bar screen installed.

Following screening, effluent flows into concrete channels incorporating a storm overflow weir, which is monitored by Event Duration Monitoring (EDM) sensors. At the time of inspection, the storm channel was dry, with no evidence observed to suggest the works had been spilling to storm in the preceding days. An on-site storm overflow storage tank is installed and monitored by EDM sensors, this tank was observed to be dry and empty at the time of attendance. There appeared to be visual cracks within the wall of the storm tanks.

Action: Please confirm the storm tank capacity, and inspect the storm tank and maintain in line

with DCWW processes.

Flow then enter the primary settlement tank, which is fitted with scum boards to retain solids. No solids were observed in the settlement tank outfall. Effluent flows onwards to an intermediate chamber before entering the filter bed.

The site operated two large stone-media filter beds. The distribution arms were observed to be moving freely and distributing the effluent evenly across the media surface. Following filtration, effluent enters the final humus tank which is fitted with retention boards to capture residual humus. The humus tank was observed to be operating effectively, with no solids present in the outfall.

The final effluent discharge point was inspected. No discolouration, sewage fungus or other visible signs of pollution were observed in the receiving water. The sampling point was clearly marked and accessible.

Two sludge tanks are present on site and were operating appropriately at the time of inspection. The tanks appeared to be full at the time of the inspection.

Action: Please review sludge emptying frequencies to ensure they are compliant with DCWW operational policies. Where practicable, maintain adequate freeboard within the sludge tank to minimise the risk of overfilling or overflow.

The wastewater treatment works appeared to be operating as intended at the time of inspection.

Action: Please provide confirmation of the MCERTS-certified monitoring equipment present on site, including their locations, read out screens and certification dates.

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.