

## Compliance Assessment Report CAR\_NRW0051616

**Permit being assessed:** AW1000501

**For:** Beulah (Nr Llanwrtyd Wells) Wastewater Treatment Works, **held by:** DWR CYMRU CYFYNGEDIG

**At:** Behind 'Glan Cammarch', Beulah, Powys, LD5 4YD.

**Type of assessment carried out:** Site Inspection,

**Reason:** Routine.

**On** 21/04/2026, between 12:16 and 12:32.

**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-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	Action only (X)	
WQ-B2 - Water Quality - Operations - The site	Action only (X)	
WQ-B3 - Water Quality - Operations - Operating techniques	Assessed (A)	
WQ-B3 - Water Quality - Operations - Operating techniques	Action only (X)	
WQ-B3 - Water Quality - Operations - Operating techniques	C3 Minor	2.1.1
WQ-B3 - Water Quality - Operations - Operating techniques	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 investigate flow levels into the site and primary settlement tanks to ensure stable and appropriate level control. The variation in levels should be assessed to determine the cause to ensure there isn't surface water inflow or groundwater ingress in the system.	23/06/2026
WQ-A1	Assess the abundance of moss on filter bed media to ensure no detriment to treatment	23/06/2026
WQ-B2	Please clarify the inlet arrangement, including details of the sewage pumping station.	23/06/2026
WQ-B2	Action: Explain the function of the additional overflow pipe located at the outfall of the final hummus tank.	23/06/2026
WQ-B3	Please confirm the capacity of the storm tanks. Please ensure storm tanks are emptied as soon as reasonably possible. Review and adjust the frequency of storm tank emptying to ensure effective operational management.	23/06/2026
WQ-B3	Please rectify the filter arm configuration to ensure all effluent is fully subjected to secondary treatment prior to the final settlement and discharge.	23/06/2026
WQ-B3	Action: Empty CopaSac, and review frequency of CopaSac emptying in line with DCWW operational techniques.	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

Beulah STW is a small sewage treatment works serving a small rural population. The works treats domestic sewage prior to discharge to the Afon Cammach.

### 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 are pumped to the top of the site and enter the primary settlement tank, which is fitted with wooden scum boards to retain solids. There appeared to have been a considerable drop in effluent level within the primary tank, evidenced by the scum lines left from the previous level.

***Action: Please investigate flow levels into the site and primary settlement tanks to ensure stable and appropriate level control. The variation in levels should be assessed to determine the cause to ensure there isn't surface water inflow or groundwater ingress in the system.***

The outfall from the primary settlement tank flows into a siphon tank. No rags or solids were observed in the outfall or within the siphon tank.

Effluent is released from the siphon tank when operating at capacity and flows to the filter bed. The filter bed distribution arms were observed to be moving freely and distributing effluent evenly across the media. Moss growth was observed on the stone media within the filter bed, which could influence treatment efficiency.

***Action: Assess the abundance of moss on filter bed media to ensure there is no detrimental effect to treatment.***

Due to the length of the filter arms, effluent was observed to be going straight into air vents located within the filter bed media. This constitutes a Category 3 permit breach, as it results in a bypass of secondary treatment and therefore the discharge of effluent that has not undergone full secondary treatment, contrary to permit condition 2.1.1

***Action: Please rectify the filter arm configuration to ensure all effluent is fully subjected to secondary treatment prior to the final settlement and discharge.***

Flows then pass to a humus tank fitted with retention boards to retain any humus carried over from previous treatment. Some foaming was observed within the humus tank, which was being retained behind the first retention board. A MCERTS flow meter was present and observed to be operating correctly, monitoring flow between the humus tank outfall and the sample point.

***Action: Explain the function of the additional overflow pipe located at the outfall of the final humus tank.***

The final effluent outfall itself was not inspected due to accessibility issues. However, the sample point was clearly marked and accessible, with no discolouration observed and no sewage fungus present.

Storm overflow tanks are present on site and were observed to contain some effluent, although levels were not sufficient for active discharge at the time of the inspection. Storm outfall chamber contained CopaSac Screen that was full.

***Action: Empty CopaSac, and review frequency of CopaSac emptying in line with DCWW operational techniques.***

Event Duration Monitoring (EDM) sensors were present within the storm tanks.

***Action: Please confirm the capacity of the storm tanks. Please ensure storm tanks are emptied as soon as reasonably possible. Review and adjust the frequency of storm tank emptying to ensure effective operational management.***

There was a black pipe entering the storm discharge chamber that we were informed was the emergency overflow from the Sewage Pumping Station but the pathway for this is not clear.

***Action: Please clarify the inlet arrangement, including details of the sewage pumping station and it's overflow.***

A sludge tank was also present on site, containing sludge from the primary settlement and storm tanks. This was observed to be operating correctly, with no signs of leakage noted.

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

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](mailto: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](mailto: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.