

Compliance Assessment Report CAR_NRW0049908

Permit being assessed: AN0249201

For: RHIWSAESON STW RHIWSAESON LLANTRI, held by DWR CYMRU CYFYNGEDIG
At: Bryn Creigiog, Rhiwsaeson, Pontyclun, Rhondda Cynon Taff, CF72 8NX.

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

On 11/11/2025, between 11:00 and 11:40.

Parts of permit assessed: Relevant

NRW Lead Officer: Harry Warburton, accompanied by: Alexander Grainger.

Report sent to: CARS Mailbox, CARS Mailbox, on 13/11/2025.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	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-C1	Provide data from the start of January 2025 to the current date for FPF to Rhiwsaeson, flow to Coslech, EDM storm to the environment	08/12/2025

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.

We are currently considering taking enforcement action against you for the non-compliance recorded above. We will contact you in due course.

4. Details of our assessment

Compliance inspection of permit AN0249201 for Rhiwsaeson sewage treatment works, undertaken by Environment Officers Harry Warburton and Alexander Grainger, accompanied by DCWW. Weather at the time was intermittent rain and heavy rain the day prior.

Previously there was a separate storm permit for this site under AG0019402, however this was consolidated with the final effluent permit AN0249201 in January 2025.

Inlet

The inlet to Rhiwsaeson works is split, allowing for flow to be redirected to Coslech. There is a storm screen at the inlet where the site was discharging to storm at the time of attendance. Following the inlet the flow going to treatment is screened by mechanical screens.

There is an FPF meter following the screens that showed a reading of 54L/s, however the permit states an FPF of 139L/s and storm overflow setting of 139L/s, indicating that the site is not treating the volume of flow permitted before discharging to storm. Data has been requested in the CAR and a follow up CAR will be issued following return and review of the data.

**Primary treatment**

The effluent enters a primary treatment tank which appeared in good order. The effluent then enters another tank which consists of 8 sections, which also appeared in good order. The sludge removed is directed to Coslech for pre-treatment prior to transportation to transport to an AD facility (Cardiff or Cog Moors works).



Secondary treatment

The effluent then enters into six different percolating filter beds. All were functional and didn't have any excessive vegetation growth. Following the filter beds the effluent enters a final settlement tank.



Storm tanks

There are two storm tanks at Rhiwsaeson, these were full and discharging during attendance. The bridge was not rotating, however this is only said to be done when the storm return pumps are active.

Tertiary treatment and sampling point

Finally the effluent is put through tertiary treatment pile cloth media filtration units. The flow then enters the final effluent sampling chamber to be discharged to the Afon Clun. The outfall was not accessible for inspection, however the river was observed on a downstream footbridge and there was no evidence of visual impact to the river.

Actions:

- Provide data from the start of January 2025 to the current date for FPF to Rhiwsaeson, flow to Coslech, EDM storm to the environment

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.