

Compliance Assessment Report CAR_NRW0045260

Permit being assessed: AN0010101

For: Coslech Wastewater Treatment Works, held by DWR CYMRU CYFYNGEDIG
At: Peterston Road, Groesfaen, Pontyclun, Vale of Glamorgan, CF72 8NU.

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

On 20/09/2024, between 09:00 and 10:30.

Parts of permit assessed: Relevent

NRW Lead Officer: Harry Warburton, accompanied by: Hannah Jenkins.

Report sent to: CARS mailbox, CARS mailbox, on 06/11/2024.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-D1 - Water Quality - Information - Records	Action only (X)	
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	Action only (X)	
WQ-D3 - Water Quality - Information - Notifications	C4 No impact	4.3.1a
WQ-B2 - Water Quality - Operations - The site	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-D1	Investigate what is required to record the data from the storm tank level monitor device to enable data auditing and provide a plan with time line	13/01/2025
WQ-C1	Provide information on the follow up since the SOAF investigations and explain what is being done to address the sites frequent storm spills and storm storage capacity	23/12/2024
WQ-D3	Provide the reason why an OPNOT was not submitted for the grit rake	25/11/2024
WQ-B2	Confirm the location of the EDMS monitor on site	23/12/2024

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

On the 20th of September 2024 NRW officers Harry Warburton and Hannah Jenkins attended Coslech STW accompanied by the Dwr Cymru (DCWW) Catchment Manager, Compliance Manager, AGA Pollution Technician, the Operational Supervisor for the area and Site Operator to undertake a compliance inspection of permit AN0010101. The weather on the day was dry.

Permit AN0010101 for the discharge of treated sewage has recently been varied to reflect regulatory changes as part of the National Environment Programme, the settled storm discharge permit (AN0010102) was also consolidated into this permit during this process, the new permit was issued on 02/07/24 and took effect from 09/07/2024.

Inlet

Coslech can receive up to 70l/s from Rhiwsaeson STW. The inlet chamber is large and contains an overflow storm screen, the screen seems relatively small. The permit states a flow passed forward of 375l/s, with any excess going via this screened overflow to the storm tank. The effluent is passed through two mechanically cleaning screens.

Storm tank

The storm tank was empty at the time of attendance. It was highlighted recently from a data request that this storm tank does not have data available for storm tank levels. This was discussed on site and it was mentioned the tank level data can only be viewed live by DCWW and not retrospectively, it was not thought that the data is archived. We were informed during that this is due to the PLC being an older type. This is unusual for such a large works and it is expected that data from storm tank level monitors be made available for data audit purposes, particularly as this site is considered to be a high frequency storm spiller.

Action: investigate what is required to record the data from the storm tank level monitor device and provide a plan and time line to rectifying the issue.

Discussed requirements of new permit conditions including the EDMS requirements, we were unable to confirm the location of the EDMS to storm tanks, **Action:** confirm the location of the EDMS device on site. This is in relation to a data request we requested in regards to WIRS 2410239.

The storm storage is fairly limited for the size of the site, DCWW representatives mentioned future possibilities for better storm storage for the site was being considered under the Storm Overflow Assessment Framework (SOAF), however it was unknown what has come about from this at the time of inspection. **Action:** Provide an update on the follow up since the SOAF investigations and explain what is being done to address the sites frequent storm spills and storm storage capacity.



Primary treatment

The effluent passes through a grit rake for grit removal, however this is currently undergoing maintenance, an OPNOT has not been received by NRW for this being non operational.

The effluent then enters two oxidation ditches with a weir on the end.



The effluent is then treated with ferric oxide following the aeration process to meet permit requirements. During the inspection a new filtration unit from Huber was being installed to trial treatment options to meet AMP8 National Environment Programme requirements.

Secondary treatment and final effluent

The effluent then enters three settlement beds, there were no signs of solids carry over. The effluent then goes to the final effluent sampling point before being discharged.

Actions

- Investigate what is required to record the data from the storm tank level monitor device to enable data auditing and provide a plan with time line.
- Provide information on the follow up since the SOAF investigations and explain what is being done to address the sites frequent storm spills and storm storage capacity.
- Confirm the location of the EDMS monitor.
- Provide the reason why an OPNOT was not submitted for the grit rake.

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.