

## Compliance Assessment Report CAR\_NRW0043776

**Permit being assessed:** AN0033701

For: CYNON VALLEY STW GLYNCOCH PONTY, held by DWR CYMRU CYFYNGEDIG  
At: CYNON VALLEY STW, GLYNCOCH, PONTYPRIDD, RHONDDA CYNON TAFF, CF37 4WX.

**Type of assessment carried out:** Audit, Reason: Routine.

On 29/02/2024, between 10:30 and 12:00.

Parts of permit assessed: All

**NRW Lead Officer:** Callum Murray, accompanied by: Natalie Wrangham, Ceri Malone, Hannah Jenkins.

**Report sent to:** CARS@dwrwymru.com, CARS Manager, on 28/03/2024.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-B3 - Operations - Operating techniques	C3 Minor	1 (a) The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters
WQ-B3 - Operations - Operating techniques	C3 Minor	10 The flow measurement equipment shall be calibrated, operated and maintained by the consent holder.

Result types are explained in more detail in the 'Important Information' section below.

### 2. What action is required?

Criteria	Action needed	Complete by
WQ-B3	Aerator header in aeration chamber to be repaired	31/08/2024
WQ-B3	Intake flume needs cleaning to remove vegetation.	30/04/2024

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

**29/02/24**

Officers Callum Murray and Ceri Malone, and senior officers Natalie Wrangham and Hannah Jenkins met with operatives from Dwr Cymru at the Cynon WWTW, and were shown around the site. On the day of the visit, the weather was dry, however, there had been moderate to heavy rain over the proceeding week.

#### Inlet and Screening

At the time of visit, the intake was weiring over to the storm channel. It was noted that the storm weir was an inconsistent height along its width. We were informed that repairs had been carried out approximately 10 years ago. Both the storm and normal intake were passing though 6mm screens, which work working as intended.

The flume in the intake channel prior to the 6mm screen had some vegetation build up which will require maintenance to remove the growth.

The MCERT magflow meter was located prior to flows entering the primary settlement tanks, and was last calibrated 02/10/2019. It will require re-calibration in October 2024. It is noted that DCWW performed their own calibration check every 2.5 years, having last been done on the 14.02.24.

#### Settlement tanks and aeration chambers

During the visit, one of the 4 Primary Settlement Tanks (PST) was out of action due to a gearbox drive failure. An OPNOT was received on the 21/02/24 informing NRW of the issue. The faulty PST was isolated and the flows were being managed by the remaining 3 tanks.

It was noted that some fat was accumulating on the surface of one of the PST. DCWW operatives informed CM that jetting was planned in the following weeks to cleanse and remove fatty deposits from inside the pipelines as part of the ongoing site maintenance plan.

Secondary treatment on site is by aeration tanks and use of activated sludge. The system appeared to be working well, with no excess foam or scum. Samples are taken and analysed on site daily, with a log being kept. Mark Mason informed CM that one of the headers on the aeration pipe had become detached. This was visibly affecting the even dispersal of air through the treatment tank. He advised that the work was planned to be

carried out, but due to the complexity of the repair would take significant planning. I have not seen any notification of this issue. Please can a notification be sent to NRW.

Excess sludge not used in the secondary treatment process on site is sent to WWTW Cardiff West, with a flow meter on the sludge discharge valve.

#### Storm overflow

At the time of visit the site was discharging via storm overflow, with all four storm tanks full, and discharging via the storm overflow.

#### Actions

- Clean and remove vegetation on the intake channel flume to prevent restrictions to flow. This needs to be done by **30/05/24**.
- Clarify whether the jetting has taken place to remove the fatty deposits inside pipelines as part of the maintenance schedule. No OPNOT has been received. Please could this be submitted ASAP.
- Fix the header section on the aeration pipe in the secondary treatment tank by **31/08/24**. I cannot see an OPNOT notification has been submitted to NRW for this. Please can one be submitted ASAP.

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](mailto: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](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.