

## Compliance Assessment Report CAR\_NRW0045406

**Permit being assessed:** CM0062901

For: Glascoed WTW 'The Park Discharge', held by DWR CYMRU CYFYNGEDIG

At: Glascoed Water Treatment Works, Off Glascoed Road, Abergele, Denbighshire, LL22 9DG.

**Type of assessment carried out:** Check Monitoring/Sampling, Reason: Routine.

On 14/10/2024.

Parts of permit assessed: 3.3.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit

**NRW Lead Officer:** Amy Chisnell.

**Report sent to:** CARS mailbox, Mark Porter, CARS mailbox, on 14/10/2024.

### 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    | Please provide information on the installation/implementation of the new turbidity monitoring kits | 11/11/2024  |

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

Turbidity is an optical measurement of the water and does not identify individual substances. The test should be used to give a field measure of the suspended solids content of the final effluent prior to the chlorine test being carried out.

The turbidity test used by DCWW is a specially calibrated plastic tube, with a black cross at

the bottom. The test requires water to be poured out of the tube until the black cross at the bottom can be seen. At this point, a measurement can be read off the scale on the outside of the tube in NTU.

The interpretation of the standard x tube measurements used at the time of these samples can be considered subjective, so any measurement below 30NTU supplied as evidence in the report "OSM Chlorine Associated with Turbidity  $\geq 20$ NTU" is rejected and the associated chlorine result should stand. 30NTU is a point in the turbidity measurement that would utilise the lower half of the x tube and gives more confidence to the probability that the turbidity was greater than 20NTU and was more likely to have had an adverse impact on the chlorine measurement at the time.

#### Sample dates

09/01/2024 <0.5 Turbidity 25

05/03/2024 <0.5

22/05/2024 <0.5 Turbidity 25

09/07/2024 <0.5

Therefore, we do not agree to remove the following results from our systems.

Improvements are required in how turbidity is measured to support the chlorine measurements in future. NRW have been informed that new turbidity test kits are being rolled out. Details of these kits and when they were/are to be implemented should be supplied by 11/11/2024.

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.