

## Compliance Assessment Report CAR\_NRW0048443

**Permit being assessed:** AS1003201

For: Monmouth Wastewater Treatment Works, held by DWR CYMRU CYFYNGEDIG

At: Off Redbrook Road (A466), Wyesham, Monmouth, NP25 4LG.

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

On 13/05/2025, between 10:00 and 10:40.

Parts of permit assessed: Conditions 1,2,3 & 4.1

**NRW Lead Officer:** Peter Jones.

**Report sent to:** DCWW, Cars@dwrcymru.com, on 03/06/2025.

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

| Part of permitted activity assessed (criteria)          | Assessment result | Permit condition |
|---------------------------------------------------------|-------------------|------------------|
| WQ-A1 - Water Quality - Management - General management | Assessed (A)      |                  |

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

### 2. What action is required?

No action required.

### 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

Routine site inspection of Monmouth Wastewater Treatment Works carried out by Environment Officer Peter Jones.

#### Observations

Untreated sewage effluent enters the works, the flow then splits and passes through automated 6 mm screens to remove any solids. Both screens were operational and free of litter. The effluent entering the works was discoloured orange, this was attributed to the ferrous dosing, discharged to the foul line from Mayhill potable water treatment works. The inlet flow metre was reading 76.2 l/s. This is 7.7 l/s below the storm weir setting of 83.9 l/s. The flow into the works is high, given the extended

period of dry weather we have recently experienced, the driest spring since 1944.

Material removed by the six-millimetre screens is then conveyed to a skip, the waste material is removed from the site for incineration.

The UWWTR crude influent sample point is clearly marked. The storm weir was free of litter and there was no effluent or surface water entering the storm channel. The EDM to storm and FPF MCERT monitors were in place. There were no obstructions beneath either sensor and the flow channels were free of litter and vegetation.

The flow then enters four rectangular Dortmund Primary Settlement Tanks (PSTs), settled sludge is drawn off for further treatment. The tanks were operating effectively and there was no visible carry over of solids into the onward flow channels.

From the PSTs the effluent flow is split into five filter beds, there was no evidence of effluent ponding and the surface of the filter medium was free of plant growth. The outlet channels from the filter beds were clear of obstructions and the effluent flowed freely to the humus tanks.

Currently, only one of the humus tanks is operational. There was some solid carry over from the humus tank. There was also a stream of bubbles coming to the surface of the effluent in the tank. This may indicate there is an issue with the sludge removal scrapers not removing the sludge effectively.

From the humus tank the effluent is then pumped to the Mecanas for tertiary treatment. Solids are passing through the screens on DCFO1, DCWW staff advised the back wash frequency is to be reviewed to ensure the screens remain effective.

Currently the SAF units are not online but works are underway to pass the effluent through the SAF units to nitrify the effluent to reduce ammonia before being discharged to the river Wye at grid reference SO5153211795.

A new final effluent OSM and UWWT sample point has been installed.

The storm tanks were checked and found to be empty, the vegetation which had previously been growing in the storm channels has now been removed.

#### Actions

- Check humus tank to ensure the scrapers are working effectively to remove sludge from the tank.
- Check the back wash frequency on the Mecana filters to ensure they remain fully effective.

Photographs attached at Annex A to the CAR.

If you have any query's regarding this CAR form or the inspection, please contact me by e-mail or speak to me directly.

Mobile number: 07760443974

[Peter.A.Jones@naturalresourceswales.gov.uk](mailto:Peter.A.Jones@naturalresourceswales.gov.uk)

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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.