

Compliance Assessment Report CAR_NRW0044692

Permit being assessed: AA0012101

For: MAN-MOEL WASTEWATER TREATMENT WORKS, held by DWR CYMRU CYFYNGEDIG

At: MAN-MOEL, BLACKWOOD, CAERPHILLY, NP12 0RN.

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

On 05/07/2024, between 10:15 and 10:50.

Parts of permit assessed: Site Operations

NRW Lead Officer: Elis Nuttall.

Report sent to: Mark Mason, Catchment Performance Manager, on 31/07/2024.

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-D1 - Water Quality - Information - Records	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	Please provide a copy of the written management system for the site and asset.	22/08/2024
WQ-D1	Please provide any monitoring records held by DCWW demonstrating compliance with the emissions limits outlined in the permit.	22/08/2024

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

Site Visit Report

This report details the site visit made on the 05/07/2024 to Manmoel Waste Water Treatment Works, permit reference number EPR-AA0012101, operated by Dwr Cymru Welsh Water (DCWW).

I (NRW Officer Elis Nuttall) attended Manmoel Waste Water Treatment Works at Manmoel, Blackwood, Caerphilly, NP12 0RN for a routine permit inspection. I arrived on site at 10:15 where I met with the DCWW Catchment Performance Manager. The weather was dry and clear at the time of the visit.

Site Observations

General Observations

The site is a small waste water treatment works servicing the small village of Manmoel. The discharge is to land of secondary treated sewage effluent via a stone filled soakaway pit (6ftx6ftx5ft) and into a herringbone soakaway with no discharge to any watercourse.

The permit consents a maximum discharge volume of 6.8m³/day, but no flow monitoring is in place on site. Additionally, no significant trace of visible oil or grease should be present as far as reasonably practicable. Due to the discharge not being to a watercourse no further numerical discharge consents are listed.

The site was operational at the time of the visit.

Site Infrastructure

Prior to inspecting the site infrastructure, a brief discussion of it was held with the DCWW operators on the general running and maintenance of the asset. It was noted that the asset services the domestic sewage treatment of 39 people in the village of Manmoel. The maintenance schedule (it was not known if a formal written management system is in place as per condition 1.1.1(a)) includes fortnightly visual inspections, with mechanical maintenance undertaken reactively where necessary. Tankering/de-sludging is undertaken monthly. Blockages/restrictions are removed when noticed. A brief review of the site log book confirmed the frequency of the visits and actions stated by the operators.

There is no telemetry or remote monitoring in place at this site.

The system appeared to be working as designed with filter arms observed to be functioning well. There was no build up of solids and no evidence of fungus, indicating good and even dispersal of effluent through the filtration bed. No visible oil or grease was present. General system and effluent condition can be seen in figures 1, 2 and 3.



Figure 1 – Site visit photo: Filter arms working as designed.



Figure 2 – Site visit photo: Filter bed showing no signs of build up of solids or fungus.



Figure 3 – Site visit photo: Pre-treated liquid effluent quality.

The soakaway and sample point are reasonably accessible via a security grate as seen in figure 4. Safety signage is in place due to the confined working environment within.

Access would require DCWW assistance.



Figure 4 – Site visit photo: Access to soakaway and sample point.

Site security was in good condition with secure fencing and gates in place. Generally the site was in good condition with no obstructions present. It was noted vegetation trimming was undertaken as and when required.

I have no concerns regarding the operations or conditions of the system.

I left site at 10:50.

Breaches of permit condition:

No Breaches of permit conditions were recorded during this visit.

Other advisory comments:

Please ensure good practices are continued at this site.

Action required by dates specified:

1. Please provide a copy of the written management system for the site and asset.

Deadline: 22/08/2024

2. Please provide any monitoring records held by DCWW demonstrating compliance with the emissions limits outlined in the permit.

Deadline: 22/08/2024.

If we do not receive the information requested within specified deadline and have not been informed as to why there is a delay then we may serve a Regulation 60 Notice requiring the information under Environmental Permitting (England and Wales) Regulations 2016.

Contact details:

If you have any queries regarding this CAR form or to provide an update on any actions above, please contact me using the following details: Elis Nuttall, Environment Officer, elis.nuttall@naturalresourceswales.gov.uk, 03000 65 4651.

Thank you,

Elis Nuttall.

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.