

Compliance Assessment Report CAR_NRW0044723

Permit being assessed: BC0019001

For: TRIMSARAN WWTW SPUDDER BRIDGE RD, held by DWR CYMRU CYFYNGEDIG

At: TRIMSARAN WWTW, SPUDDER BRIDGE ROAD, TRIMSARAN, KIDWELLY, .

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

On 02/05/2024, between 10:05 and 10:45.

Parts of permit assessed: All

NRW Lead Officer: Gavin Thomas, accompanied by: Joseph Callard.

Report sent to: CARS mailbox, CARS mailbox, on 10/07/2024.

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)	
WQ-A1 - Water Quality - Management - General management	Action only (X)	
WQ-B1 - Water Quality - Operations - Permitted activities	Assessed (A)	
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	Assessed (A)	
WQ-B2 - Water Quality - Operations - The site	Assessed (A)	

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

2. What action is required?

Criteria	Action needed	Complete by
WQ-A1	Advisory Action only. There was an IBC stored on site that was incorrectly stored with no bund present at the time of the visit. All containers of this nature need to be placed on bunds to prevent spills of harmful substances to the environment.	24/07/2024

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

This was a pre-planned audit carried out by Natural Resources Wales environment officers who were accompanied by an operations supervisor and performance manager from Dwr Cymru.

The weather was showers with rain experienced in the days leading up to the visit.

General Observations

Officers were taken through the works from the inlet, through the treatment system, before finishing at the final effluent sampling station. The discharge point was not inspected.

The site is a Wastewater Treatment works that processes residential and trade waste and has telemetry in place for monitoring storm overflows. The permit for the site is for the discharge of secondary treated sewage effluent. There is an EDM monitor on the storm overflow at the inlet and a flow meter at the final effluent point. There are MCERTs flow monitors on the inlet and outlet.

The works are due to have SAFs fitted as a tertiary treatment to help reduce the ammonia levels in the effluent. The site is visited by operatives 5 days a week.

The Process

There is a CSO discharge located on the inlet channel of the works that is covered by a separate permit called CSO at Trimsaran WwTW (BP0315601) and this will be covered by a separate CAR form.

There is also a separate permit for the Settled Storm discharge from this site that is also covered by a separate permit called Trimsaran WWTW Settled Storm (BP0315501) this will be covered by a separate CAR Form



Figure 1: Inlet to the works with CSO overflow weir on the left.



Figure 2: Storm overflow to storm tank after the screen, spilling to storm at the time of the visit.



Figure 3: Primary settlement tank

The flows then enter the primary settlement tank. The sludge is pumped into holding tanks at the works, this tank is emptied roughly twice a week. Secondary treatment is achieved by a percolating filter bed. The rotation arms on the filter bed were moving free and unhindered. During the visit, the filter beds seem to work effectively with no sign of ponding or dry patches with no obvious leakages, there was some vegetation present on the 2nd filter bed that is currently used as tertiary treatment, this bed is to be taken out of use when the new SAF tanks are installed.



Figure 4 Filter bed

Following the filter bed treatment, the flows enter the final tanks. From here the effluent is recirculated to an old filter bed for further treatment. The old bed has a lot of growth on the surface of the media with some small pools forming.



Figure 5 Further treatment of effluent through old filter bed.



Figure 6 Final effluent tank



Figure 7 Final effluent sampling point.

The Final effluent was foaming in the sampling chamber, but the effluent appeared clear with no obvious odour present.



Figure 8 IBC incorrectly stored with no bund present.

There was an IBC stored on site that was not correctly stored with no bund present. All containers of this nature need to be placed on bunds to prevent spills of harmful substances to the environment.

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.