

Compliance Assessment Report CAR_NRW0046393

Permit being assessed: AD0002801

For: Tanybryn Risca CSO, Pontymister, held by DWR CYMRU CYFYNGEDIG

At: Nr Riverbank, Rear of 77, Tanbryn, Risca, Newport, NP11 6JQ.

Type of assessment carried out: Report/Data Review, Reason: Incident Response
(Incident number: 2415353).

On 11/12/2024.

Parts of permit assessed: Operations

NRW Lead Officer: Elis Nuttall.

Report sent to: DCWW, Water Industry, on 10/07/2025.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-D2 - Water Quality - Information - Reporting	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-D2	Please provide NRW with continual updates on the progress of the remedial works.	Already completed

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

Incident Report

This report details a self-report made by Dwr Cymru Welsh Water (DCWW) to Natural Resources Wales (NRW) (WIRS 2415353; SAP REF 317136816) on the 11/12/2024 at 12:56 for a DCWW permitted asset Tanybryn Risca CSO, Pontymister, NP11 6JQ, permit reference number EPR- AD0002801.

NRW officers have not attended site physically. All assessments were made via the WATPOL and Claims Tracker reporting processes by DCWW.

General Observations

This site is a Combined Sewage Overflow (CSO) serving a combined sewer line in the Pontymister area of Caerphilly County Borough Council (CCBC). The CSO discharges via a storm overflow outfall to the River Ebbw at ST2552589580.

The asset is permitted to discharge storm sewage only via the point of discharge (ST2552589580) at an overflow setting of 589l/s. The maximum size of solid matter permitted for discharge is no greater than 6 mm in more than 1 dimension, with a screen aperture size of 6mm x 6mm required to be in place to ensure this. Monitoring frequency should be whenever a discharge occurs, with event duration monitoring in place at the point of overflow.

The site was operational at the time of the report.

Investigation Summary

NRW received a self-report from DCWW on the 11/12/2024 regarding a customer calling to inform of a potential effluent discharge from a pipe into the River Ebbw. DCWW crews attended and confirmed a discharge from the outfall of Tanybryn CSO at ~ ST2551389588.

DCWW commenced investigations on 11/12/2024 into the cause of this discharge and identify the remediation works required. Jetting works downstream of the CSO on the 12/12/2024 did not result in the levels dropping, with telemetry suggesting infiltration from overland flows somewhere along the line.

Extensive upstream investigations of the CSO on the Western Valley Trunk Sewer revealed damage to the line and infiltration by river water into the network. This was confirmed by drone surveying and thermal imaging, with continual jetting works being undertaken to cleanse the line. Further ingress points were identified upstream and a plan to undertake remedial work during an extended period of dry weather was implemented.

As agreed with the Senior Enforcement Officer DCWW commenced a regular ammonia sampling plan whilst the remedial works were pending, the results of which are evidenced in Table 1.

Table 1: DCWW Sampling Records

Date of sampling	Upstream Ammonia (ppm)	Point of entry Ammonia (ppm)	Downstream Ammonia (ppm)	Notes
13/12/2024	N/A	N/A	1.25	
24/12/2024	N/A	N/A	0.25	
29/12/2024	0.09	2.05	0.48	

31/12/2024	0	1.48	1.4	
02/01/2025	0	2.01	0.56	
03/01/2025	0.03	3.16	1.1	
04/01/2025	0	1.117	0.59	
05/01/2025	0	2.92	1.36	
06/01/2025	0.44	0.39	0.61	River is in spate after heavy rainfall yesterday and today.
07/01/2024	0.07	2.41	1.11	River still in spate after heavy rainfall over the previous two days.
11/01/2025	0.95	0.49	0	
14/01/2025	0	2.4	0.43	Discolouration of the watercourse contained to 2m of the outfall then disperses.
15/01/2025	0.01	2.66	0.39	
16/01/2025	0.01	2.66	0.39	
17/01/2025	0	2.33	0.04	
21/01/2025	0	1.98	0.13	
22/01/2025	0	1.42	0.23	Discharge from CSO has reduced with minimal amount being discharge.
23/01/2025	0.22	1.66	0.62	Discharge from CSO has increased today due to the heavy rainfall.
29/01/2025	0	0.98	0.34	
30/01/2025	0	0.85	0	
31/01/2025	0.05	0.41	0.06	
19/02/2025	0	1.73	0.11	

Due to the marginal elevation in ammonia throughout investigations and DCWW's proactive work, it was decided to close the incident as an event while works to remedy the damage was ongoing. This was reflected by accepting a No Impact Claim submitted by DCWW.

Breaches of permit condition

No breaches were recorded during this visit.

Action required by dates specified

No actions outstanding.

Other advisory comments

Please provide NRW with continual updates on the progress of the remedial works.

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.