

Compliance Assessment Report CAR_NRW0037016

Permit being assessed: AN0280003

For: COG MOORS STW CDIFF RD DINAS POWYS, held by DWR CYMRU CYFYNGEDIG

At: COG MOORS STW, CARDIFF ROAD, DINAS POWYS, BARRY, CF64 5RP.

Type of assessment carried out: Site Inspection, Reason: Incident Response (Incident number: 2006269).

On 01/09/2020, between 11:10 and 13:30.

Parts of permit assessed: Relevant conditions

NRW Lead Officer: Hannah Jenkins.

Report sent to: CARS@Dwrcymru.com, CARS@Dwrcymru.com, on 27/04/2021.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-C1 - Emissions and monitoring - Emissions to water	C3 Minor	2
WQ-A1 - Management - General management	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	Ensure sufficient maintenance of equipment in order to minimise pollution risks associated with the operation of the works	14/05/2021
WQ-A1	The maintenance log shows that on 26th August 'Condition Monitoring' was undertaken on the 4 intermediate stage pumps; Provide answers for the following: 1. what is involved in this process? 2. what did the condition monitoring find? 3. explain whether this could be related to or cause the electrically faults experienced for pumps 3 & 4 the following day.	14/05/2021

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.

You are non-compliant with your permit.

We are currently considering taking enforcement action against you for the non-compliance recorded above. We will contact you in due course.

4. Details of our assessment

Site visit undertaken following incident (NRW WIRS ref: 2006269, DCWW SAP ref:315589072). Accompanied by Sean Howard, Ops Supervisor, Keith Harris, Compliance Manager & Chris Edwards, Process Scientist throughout inspection.

Followed treatment process from inlet to discharge point for site familiarisation.

Incident report: Self-report Watpol received on 27 Aug 2020 16:26 stating "2 intermediate pumps failures. Electrician on site carrying out repairs ASAP, UV bypassing to storm. Anticipate repair to complete by approx. 17:30. Further updates to follow." update 20:32 "Update 2 - Pumps are still currently offline. However, storm is now being directed through UV process manually. Further updates to follow." and final Watpol received at Final - 1 intermediate pump has been repaired and back in service, levels in the sump have dropped to normal. Storm by pass has been closed. UV plant is now back in auto. No further updates FINAL"

Following the site visit, further information was requested via email in order to determine permit compliance. The required information was supplied via email, we have also received the Bathing Water Compliance Report and UV data return for the site. Whilst we will undertake a separate compliance check on the Bathing Water compliance and UV data return under permit AN0280002, these have been considered in determining permit compliance on the 27 Aug.

The alarm log shows that the intermediate pump 4 failed at 13:37 and that at 16:02 the two intermediate pumps failed as which we were notified of promptly via Self-report Watpol and rectified in a timely manner. Reasons given for the pump failures were unrelated electrical faults, one pump was repaired on site, the second pump was replaced by a temporary pump (notified via OPNOT on request) until a repair could be undertaken.

On assessment against permit conditions, has been determined that the whilst the situation could be considered an emergency and potentially unforeseen, the situation is not covered by the allowances of permit for the Discharge of Sewage in an Emergency (AN0280003) for the site. The permit covers electrical power failure of the site or mechanical breakdown of the pumps only.

Consequently this has been recorded as a non-compliance with Condition 2 of permit AN0280003. The discharge of partially treated effluent in addition to storm sewage discharge was during storm conditions, no secondary reports of pollution at the time were received, therefore a C3 categorisation has been given. The incident WIRS ref: 2006269, has been categorised as 'Event'.

Actions:

In relation to the above non-compliance: Ensure sufficient maintenance of equipment in order to minimise pollution risks associated with the operation of the works.

Following assessment of the additional information provided during the investigation,

please could you also provide an explanation for the following:

The maintenance log shows that on 26th August 'Condition Monitoring' was undertaken on the 4 intermediate stage pumps;

1. what is involved in this process?
2. what did the condition monitoring find?
3. explain whether this could be related to or cause the electrically faults experienced for pumps 3 & 4 the following day.

Please provide this information to me via email
(hannah.jenkins@cyfoethnaturiolcymru.gov.uk) by 14 May 2021.

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.