

Compliance Assessment Report CAR_NRW0036918

Permit being assessed: FB3190HP

For: CARDIFF AIRPORT, held by CARDIFF INTERNATIONAL AIRPORT LIMITED

At: RHOOSE, VALE OF GLAMORGAN, SOUTH EAST WALES, ., CF62 3BD.

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

On 25/08/2020, between 10:00 and 12:00.

Parts of permit assessed: Site

NRW Lead Officer: Edward Davies, accompanied by: Hannah Jenkins.

Report sent to: Jason Coleman, Head of Quality, Safety, Health & Environment, on 15/09/2020.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-A1 - Management - General management	Assessed (A)	
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-A1	Provide evidence that interceptor A3 has been emptied and serviced.	16/10/2020

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 inspection carried out by Edward Davies and Hannah Jenkins from NRW accompanied by Jason Coleman (Head of Quality, Safety, Health & Environment) and Daniel Sion (Environment Advisor) of Cardiff International Airport. At the time of the inspection it was very windy with some light rain.

No breaches were observed during the inspection, however several opportunities for improvements were

identified.

Daniel Sion and Cardiff Airport are in the process of reviewing the Environment Management System (EMS) and ensuring it links with the Airport Operations Incident Response Procedure.

Permit Reference:

A1 – Car Park Interceptor: Predominantly receives run off from the visitor car park (catchment D). The interceptor is uncovered, protected by a mesh screen and fenced off from the general public. The proximity of the interceptor to the visitor car park means that a significant amount of litter etc was observed in the interceptor. Covering the interceptor would reduce the need for regular cleaning, prevent vegetation/algal growth and reduce the risk of a permit breach.

The location of the 'Sample Point' sign is in the middle of the interceptor, rather than at the outlet. The sample point should be at the outlet, where the discharge has received optimal treatment and the effluent has a better flow.

The exact location of the outfall to the Tredogan Brook is unknown, it is best practice to routinely inspect where the discharge is made to the watercourse.

Recommendation: Cover the interceptor.

Recommendation: Re-site the sample point and sign so that it is at the outlet.

Recommendation: Locate the discharge to the environment.



A2 – BP Interceptor: Interceptor receives run off from the runway (catchment E). The discharge at the outlet sample point looked to be of a good quality. The location of the discharge to the environment – the

Bullhouse Brook is unknown and not routinely checked.

Recommendation: Locate outfall to the Bullhouse Brook and routinely inspect.



A3 – Southside Interceptor: The permit refers to catchment area F for run off entering this interceptor, however schedule 7 of the site plans has no area F marked. The interceptor discharges to a surface water drain, which subsequently discharges to the Severn Estuary. Whilst the discharge from the interceptor outlet appeared clear, the effluent in the interceptor appeared sludgy and dark. Jason confirmed that the interceptor was due to be emptied, which was generally carried out annually. Interceptors should be empty when required rather than on a strict time schedule.

Recommendation: Routinely inspect the interceptor and empty when required

- **ACTION:** Report back to NRW confirming A3 interceptor has been maintained, providing evidence to confirm.

Recommendation: Submit updated site plan to NRW correctly identifying what areas of the site drain to specific interceptors.



A4 – Coffor Dam: Jason told us that the source of the inlet and the location of the outlet of the Coffor Dam are unknown; it is possible that it soaks away to ground. However the permit refers to run off from catchment area A on the site plans, discharging to the Sefton Brook. I have checked our database and found an email from the 4th of January 2019 which shows a drainage map confirming drainage from the airport entering the Coffor Dam. I have attached the email and plans.

Please confirm the plans we have are correct and find out exactly where it discharges to the Sefton Brook.

Samplers have previously identified oil and grease on the surface of the Coffor Dam, however, at the time this was confirmed as a natural bacterial film.

Recommendation: Locate the discharge from the Coffor Dam to the Sefton Brook.



A5 – Reed bed: This is a groundwater discharge to an infiltration system from a reed bed which has been used to treat firewater run off from the airport firefighting exercise area (catchment area C). Jason informed us that the airport was currently not conducting firefighting exercises. There is a holding tank, it is designed to maintain the flow to the Reed Bed to a maximum as permitted



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.