

Compliance Assessment Report

Report ID:
CAR_NRW0035976

This form will report compliance with your permit as determined by an NRW officer

Site	CREIGIAU SEWAGE TREATMENT WORKS HOE	Permit Ref	AN0032201			
Operator/Permit holder	DWR CYMRU CYFYNGEDIG					
Regime	WaterQuality					
Date of assessment	20/11/2019	Time in	10:00	Out	11:00	
Assessment type	Audit					
Parts of the permit assessed	Site					
Lead officer's name	Davies, Edward J.					
Accompanied by	Jenkins, Hannah,Lewis, Kirsty					
Recipient's name/position	OSM Mailbox/ OSM Mailbox	Date issued	02/12/2019			

Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations or the licence under the Water Resources Act 1991 as amended by the Water Act 2003. A detailed explanation is captured in "Compliance Assessment Report Detail" (Section 2) and any actions you may need to take are given in the "Action(s)" (section 4). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our Compliance Classification Scheme (CCS). CCS Scores can be consolidated or suspended where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your local office.

Permit conditions and compliance summary	CCS Category	Condition(s) breached
A1 - Specified by permit	X	
B5 - Infrastructure - Plant and equipment	X	
KEY: See Section 5 for breach categories, suspended scores will be indicated as such. A = Assessed or assessed in part (no evidence of non-compliance), X = Action only, O = Ongoing non-compliance, not scored.		

Number of breaches recorded	0	Total compliance score (see section 5 for scoring scheme)	0
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If the Number of breaches recorded is greater than zero, please see Section 3 for our proposed enforcement response

Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- The part(s) of the permit that were assessed (eg. Maintenance, training, combustion plant, etc)
- Where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- Any non-compliances identified
- Any non-compliances with directly applicable legislation
- Details of any multiple non-compliances
- Information on the compliance score accrued inc.
- Details of advice given
- Any other areas of concern
- Any actions requested
- Any examples of good practice
- A reference to photos taken

Site audit of Creigiau STW as part of regulation of Dŵr Cymru Operator Self-Monitoring, officers were accompanied on site by Mark Mason, Supervisor for the Cardiff area and Anthony Lewis. Weather was overcast at the time of inspection.

The site has an up to date MCERTs certificate for flow measurement, up for renewal on the 21st of July 2024. The water quality sample results have complied with the composition conditions of the permit for at least the last 12 months.

The audit followed the process from the inlet to the outfall.

The bypass channel on the intake screening has significant deposits of sludge which would impact its operation in the event that the main screen needed repairing/replacing. **Ensure that effective maintenance is carried out when required after bypass channel use to allow effective operation.**



Photo 1: Input bypass screen.

The flow meter for the site is situated after the storm overflow in the form of an in pipe Magflow metre. There is no bypass route for the effluent to take in the event this meter required inspecting, cleaning or replacing. **Please detail how any maintenance or calibration of the Magflow meter would be carried out.**

Flow modification of consent: Condition 6 - 'The Consent Holder shall produce and maintain documented procedures for the calibration, operation, and maintenance of the flow system

("maintenance procedures").



Photo 2: In pipe Magflow meter.

There is a disused chamber to the left hand side of the gateway to the OSM sample point which contained what appeared to be sludgy, contaminated effluent. Neither welsh water operatives knew what this was, however we were informed that this chamber was not linked to any of the current workings of the STW and was redundant. **This chamber should be emptied and capped off to confirm that it is offline and prevent further rainwater ingress.**



Photo 3: Disused chamber

The OSM sample point for the treatment works is not at the outfall to the receiving watercourse. The final treated effluent previously discharged directly to the Nant y Glaswg adjacent to the works, however has been subsequently rerouted to bypass 'Canada Lodge' fishing lakes. Mark Mason and Anthony Lewis were unaware of the discharge location, which was not being routinely

checked.



Photo 4: OSM Sample point.

It is good practice to regularly check the discharge outfall to assess any impact on the receiving watercourse.

EPR Compliance Assessment Report

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Operator/Permit holder	DWR CYMRU CYFYNGEDIG	Date	20/11/2019

Section 3 – Enforcement Response

You must take immediate action to rectify any non-compliance and prevent repetition. Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

Other than the provision of advice and guidance, at present we do not intend to take further enforcement action in respect of the non-compliance identified above. This does not preclude us from taking enforcement action if further relevant information comes to light or advice isn't followed.

Section 4 – Action(s)

This section summarises the actions identified during the assessment along with the timescales for when they will need to be completed.

Criteria Ref.	CCS Category	Action required/advised	Due Date
See Section 1 above			
B5	X	Flow mod condition 6: Provide maintenance procedures for Magflow meter.	10/01/2020
A1	X	Ensure that the screen bypass channel does not fill with sludge. Carry out regular maintenance after use.	10/01/2020

Section 5 – Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- Advise on corrective actions verbally or in writing
- Require you to take specific actions verbally or in writing
- Issue a notice
- Require you to review your procedures or management system
- Change some of the conditions of your permit
- Decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and/or suspension or revocation of the permit.

See our Enforcement and Civil Sanctions guidance for further information

This report does not relieve the site operator of the responsibility to

- Ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- Ensure you comply with other legislative provisions which may apply

Non-compliance scores and categories

CCS category	Description	Score
C1	A non-compliance that could have a major environmental effect	60
C2	A non-compliance which could have a significant environmental effect	31
C3	A non-compliance which could have a minor environmental effect	4
C4	A non-compliance which has no potential environmental effect	0.1

Operational Risk Appraisal (Opra) - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

Section 6 – General information

Data protection notice

The information on this form will be processed by the Natural Resources Wales (NRW) to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s). The NRW may also use and/or disclose it in connection with:

- Offering/providing you with its literature/services relating to environmental matters
- Consulting with the public, public bodies and other organisations (eg. 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 its service
- Freedom of Information Act/Environmental Regulations request

The NRW may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

Disclosure of information

The NRW will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within fifteen working days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

Customer charter

What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with officer's line managers using the informal appeals procedure. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 0300 065 3000 (Mon to Fri 08.00 – 18.00) and ask for the Customer Contact team or send an email to enquiries@naturalresourceswales.gov.uk. If you are still dissatisfied you can make a complaint to the Public Services Ombudsman for Wales. For advice on how to complain to the Ombudsman phone their helpline on 0845 607 0987.

Welsh Language

If you would like this form in Welsh please contact your Regulatory Officer.