

## Compliance Assessment Report CAR\_NRW0045736

**Permit being assessed:** CG0336505

For: WYLFA POWER STATION EMERGENCY COOLI, held by Magnox Limited  
At: WYLFA POWER STATION EMERGENCY CO, EMERGENCY COOLING WATER /  
SITE D, SITE DRAINAGE , , , , , ,

**Type of assessment carried out:** Check Monitoring/Sampling, Reason: Routine.

On 24/10/2024.

Parts of permit assessed: Condition 3.3

**NRW Lead Officer:** Euryrn Roberts.

**Report sent to:** Magnox Limited, Magnox Limited, on 29/11/2024.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	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	Review of OSM sampling techniques	10/01/2025

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

Thank you for submitting the Q3 2024 self monitoring data return on the 24th of October 2024. This date has been used as the compliance date for this Compliance Assessment Report.

It's noted that you've submitted photographs for this permitted discharge alleging that there was a lack of water flow on the 1st of July, 5th of August and 2nd of September. However, the photographs show a flow in the culvert and a jug attached to the end of a rope that would have been used to take samples.

These photographs were discussed with Mark Elsworth of Magnox on the phone on the 18th of November. Mark stated that the water depth was too shallow to collect samples - which is understandable, but I stated that samples could be taken if an alternative approach was taken. It was agreed that Mark would explore the following two possibilities:

1. The use of an extending sampling pole and jug to collect the sample, rather than the rope.
2. The installation of some form of a weir with a notch within the culvert to assist in filling the jug.

The use of a sampling pole would give the sampler control of the sampling jug, especially in low flow conditions and would prevent scraping of the channel bottom. However a question arose as to the depth from the surface / ground level down to the bottom of the culvert. This needs checking out to see if a sampling pole could be used.

Mark suggested the use of a temporary drop in sandbag to form a temporary weir prior to sampling. Natural Resources Wales is not in favour of this as the sandbag could be a source of contamination.

I look forwards to receiving your comments in response to this CAR form by the 10th of January.

I also note the Maximum Daily Dry Weather Flow specified in Table S3.1 of this permit to discharge and that it specifies a limit of 100,000m<sup>3</sup> per day. Having seen the photographs of the flow in the culvert, the maximum flow specified in the permit appears far too high.

Please note that the annual subsistence fee that Magnox have to pay to Natural Resources Wales for this discharge is partly based on this maximum flow figure. So, the higher the flow specified in the permit, the more you pay. (The other factors used to calculate the fee being: the "contents", "receiving water" type and "financial factor")

It is up to you as a company whether you wish to apply for a permit variation to change this maximum flow figure, or not.

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](mailto: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](mailto: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.