

Compliance Assessment Report CAR_NRW0050283

Permit being assessed: AN0021801

For: BARRY TWN PS LSO ISLAND CAR PARK, **held by:** DWR CYMRU CYFYNGEDIG

At: BARRY TOWN PS LSO, ISLAND CAR PARK, BARRY, VALE OF GLAMORGAN, CF62 5QR.

Type of assessment carried out: Check Monitoring/Sampling,

Reason: Incident Response (Incident number: 2510004).

On 10/11/2025.

Parts of permit assessed: Relevant conditions

NRW Lead Officer: Charlotte Rhodes.

Report sent to: DCWW CARS Mailbox, DCWW CARS Mailbox, on 09/04/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant permit condition
WQ-B1 - Water Quality - Operations - Permitted activities	Assessed (A)	
WQ-B3 - Water Quality - Operations - Operating techniques	Action only (X)	
WQ-A1 - Water Quality - 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-B3	1. Please confirm if offline storage was fully utilised prior to discharge and if not, explain why.	30/04/2026
WQ-A1	2. Is there a standby generator kept on site? If not, please explain why not and what will be done to remedy this.	30/04/2026

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 report**

On 10th November 2025 an incident at **Barry West Sewage Pumping Station (SPS)** was self-reported by Dwr Cymru Welsh Water (DCWW) to Natural Resources Wales (NRW), logged under **WIRS 2510004**. Following a power outage on site, discharges were made from the Long Sea Outfall (LSO), permit reference **AN0021801**. Prior to this, similar incidents took place in September – see CAR_NRW0050495 and CAR_NRW0050496.

Weather at the time of the incident according to the storyboard was “heavy rain”, but historical weather data and data from the rain gauge at Cog Moors does not support this, showing a peak of only 2.2mm the previous evening and a few patches of lighter rain (<1mm) during the 10th.

The event unfolded as follows:

Update 1: *“Barry West SPS LSO has discharged briefly this evening following a power dip in the area. Several assets have been affected and required manual intervention to reset to normal operation. The LSO discharged from 18:45 – 19:15 while we lost flow to Cog Moors due to storm transfer pumps losing power. Standby attended and have reset power to site and restored flow to Cog Moors.”*

Update 2 was dated 26th November, the date the storyboard was sent: *“Barry West has operated as designed since last event with the LSO only operating when flow to Cog Moors has reached over 815 l/s. Barry West is currently under an AMP8 scheme with our assets team although is not yet in the delivery phase. One aspect of this scheme will be investigating brown outs in the area and mitigation around controlling these on site to help prevent these further incidents in the future.”*

The storyboard went on to also include demonstration of the large number of telemetry alarms received at the same time as Barry West from other assets affected by the power dips, stating that *“although National Grid do not record power dips of less than 3 minutes these alarms highlight a power related issues within the area”*. It also revealed that the LSO discharged a second time from 20:00 – 20:15 on the 10th November, bringing the total spill duration to 45 minutes.

Assessment against permit conditions**Schedule 02 – Sewage in an emergency****Condition 2 – *The discharge shall only occur when the sewage pumping station is inoperative as a***

result of one or more of the following: (i) electrical power failure not due to the act or default of the consent holder, its agents, representatives, officers, employees or servants.

Given the information provided, this incident is considered to be **compliant** with this condition.

Condition 5 – *Storage capacity, equivalent to a total of at least 177 cubic metres, shall be provided in the pumping station, above the wet well design top water level.*

Further information is needed to determine compliance with this Condition – see Actions.

Condition 9 – *A permanent standby power generator shall be provided and maintained in good working order.*

Further information is required to determine compliance with this Condition – see Actions.

Actions / Further comments

Overall/In conclusion, the site was found to be **compliant** with Condition 2 of Schedule 02, with further information required in relation to Conditions 5 and 9. See **actions** below:

1. Please confirm if offline storage was fully utilised prior to discharge and if not, explain why. **Action only** against B3 – 30/04/2026.
2. Is there a standby generator kept on site? If not, please explain why not and what will be done to remedy this. **Action only** against A1 – 30/04/2026.

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 required for the permit condition assessed to avoid non-compliance. No non-compliance scored at this time
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

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 Monitoring
- WQ-C5 Installation of monitoring boreholes

WQ D: Information

- WQ-D1 Records
- WQ-D2 Reporting
- WQ-D3 Notifications

Enforcement response

Any non-compliance with a permit condition 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 twenty working days to let you know if we agree to your request.

Disputing the Content of this Compliance Assessment Report Form

If you disagree with the content of this Compliance Assessment Report form, you should submit your concerns, in writing, to the regulating officer who issued it within **15 working days** of its issue. This will be treated as a **Stage 1 review**.

If you are not satisfied with the outcome of the stage 1 review, you may request a **Stage 2 appeal**. This request must be submitted **within 21 working days** of receiving the response from the stage 1 review.

Further details on our review and appeal process are available at: [Natural Resources Wales / Appeal a regulatory decision from Natural Resources Wales](#)

Concerns Not Related to the Content of this Compliance Assessment Report Form

If your concerns do not relate to the content of the Compliance Assessment Report form, you should first attempt to resolve the issue with the regulating officer or their line manager.

If the issue remains unresolved, please contact our **Customer Contact Team**:

- **Telephone:** 0300 065 3000 (Monday to Friday, 09:00–17:00)
- **Email:** enquiries@naturalresourceswales.gov.uk

They will provide details on how to escalate your concerns through our **Complaints and Commendations procedure**.

If you are dissatisfied with our response, you may contact the **Public Services Ombudsman for Wales**:

- **Telephone:** 0300 790 0203
- **Email:** 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.