Compliance Assessment Report CAR_NRW0048450

Permit being assessed: AS1002201

For: LLANDOGO STW SSO, **held by:** DWR CYMRU CYFYNGEDIG

At: LLANDOGO STW, UNKNOWN, UNKNOWN, UNKNOWN, NP25 4TW.

Type of assessment carried out: Site Inspection,

Reason: Routine.

On 13/05/2025, between 11:00 and 11:30.

Parts of permit assessed: 1,2,3, 2005 & 2010 modifications

NRW Lead Officer: Peter Jones.

Report sent to: DCWW, cars@dwrcymru.com, on 27/07/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant permit condition
WQ-C1 - Water Quality - Emissions and monitoring - Emissions to water	C4 No impact	1

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	Modify permit to include storm effluent discharge conditions	31/08/2025

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.

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

Routine site inspection of Llandogo Wastewater Treatment Works carried out by Environment Officer Peter Jones

Weather Dry and bright, there had been no heavy rainfall in the previous week.

After screening at the inlet, the works provides treatment by two aerated tanks after which the effluent passes to a reed bed before being discharged to the River Wye (GB109055037111).

Observations

The magflow meter is located on the rising main carrying flow from the inlet to the aeration tanks.

The 6mm screen at the inlet was working effectively and the flow was passing to the aeration tanks. All the flow channels leading to the aeration tanks were clean. Vegetation which had been growing on the gantry above the aeration tanks and site infrastructure has been removed.

There is a storm overflow in a wet well adjacent to the inlet. See the attached photographs. It is not clear if the wet well is acting as a storm tank. There is an Event Duration Monitor installed in the storm tank/wet well. See the attached photographs. Storm flows then pass through a 6 mm screen, DCWW staff advised this storm flow then discharges to the reed bed. This may explain the significant build up of sludge in the reed bed, observed during the previous site inspection. In the sites current format it appears the reed bed is acting as a storm settlement tank which provides a degree of biological treatment. Before the effluent flows to the river Wye via the effluent sample point. The final effluent is clearly labelled, the final effluent was not sampled.

Currently, there is no provision for a storm discharge in the existing permit. There was a permit for the site authorizing the discharge from a combined sewer overflow or storm tank issued on the 8 September 2010, permit number AN0084601. However, the permit was surrendered on the 6 September 2017 following agreement with NRW. The current permit should now be varied to include the storm discharge which blends with the Final effluent line. I have discussed the issue with Amy Powell, Environmental Regulation Specialist.

The discharge of the storm effluent is not authorised under the current EPR permit. We consider the storm discharge to be a breach of condition 1 of the permit. We will classify the breach as a category 4 non compliance. However, our enforcement position may change if the permit is not varied to reflect how the site is currently operating, within a reasonable time frame.

Since the previous inspection the sludge has been removed from the reed beds. However, the reed bed has not been replanted and it is currently dominated by nettles. Due to the plant growth around the reed bed it was not possible to establish how the flow was passing through the reed bed before being discharged to the final effluent point.

The site diary was checked and was up to date.

Actions

- Please investigate the nature of the storm discharge at site and provide an explanation as to how the storm is managed and how flows pass through the reed bed.
- Apply for a variation to the existing permit to include a storm discharge for the asset.

- Review the condition of the existing reed beds and if necessary plant suitable vegetation to replace the nettles.

Photographs attached at Annex A to the CAR.

If you have any query's regarding this CAR form or the inspection, please contact me by e-mail or speak to me directly.

Mobile number: 07760443974

Peter.A.Jones@naturalresourceswales.gov.uk

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.