

Compliance Assessment Report CAR_NRW0052103

Permit being assessed: AG0011401

For: Peterston-super-Ely Wastewater Treatment Works, **held by:** DWR CYMRU CYFYNGEDIG

At: Track past '1 Little Avenue', Wyndham Park, Peterston-super-Ely, Vale of Glamorgan, CF5 6LR.

Type of assessment carried out: Site Inspection,

Reason: Routine.

On 05/05/2026, between 11:25 and 11:50.

Parts of permit assessed: Relevant conditions

NRW Lead Officer: Charlotte Rhodes, accompanied by: Harry Warburton.

Report sent to: DCWW CARS Mailbox, DCWW CARS Mailbox, on 15/06/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant permit condition
WQ-A1 - Water Quality - Management - General management	Action only (X)	
WQ-B2 - Water Quality - Operations - The site	Action only (X)	
WQ-C4 - Water Quality - Emissions and monitoring - Monitoring	Assessed (A)	

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	1. Investigate the cause of floating sludge during visit and how this will be managed going forward, including specialist maintenance where necessary.	10/07/2026
WQ-B2	2. Please check the latest outfall inspections information and share with NRW for this site.	10/07/2026

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.

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 report

On 5th May 2026, Officers C RHODES and H WARBURTON visited Peterston-Super-Ely Sewage Treatment Works for a scheduled compliance inspection of permit **AG0011401**. Officers wish to thank the Catchment Performance Manager and Area Supervisor from Dŵr Cymru Welsh Water (DCWW) for meeting and showing them around site. The inspection took place during a period of predominantly dry weather.

The permitted discharge limits for this site are shown below. Unlike others in the catchment, there is no limit set for Ammonia at this site. It is, however, monitored proactively by DCWW and inspection of site records during this visit found Ammonia to be consistently low concentrations. The site discharges directly into the River Ely and is permitted for both Final Effluent, and Storm discharges.

BOD mg/l	Ammonia mg/l	Suspended solids mg/l
40	N/A	45

Inlet and screening

Screenings are macerated at the inlet and sent for disposal off site; the screen appeared to be in good working order during this inspection with no notable solids or rag build up. The penstock valve for overflow to storm is located after the screen, the setting for which is listed as 22.3 l/s in the permit.

There is no preliminary/primary treatment at site and both biological treatment and final settlement are uniquely contained to one tank with two lanes. Odour control is also in place at this site due to historic amenity issues and its location close to a residential area.

Treatment tank

At this site, the Final Settlement Tank is within the centre and the aeration lane flows around the outside, supported by biological treatment in the form of activated sludge. At the time of inspection, the aeration lane appeared to be functioning well and the levels are adjusted based on a dissolved

oxygen (DO) controlled weir, but the final settlement tank was showing signs of poor sludge management with solids/flocculant noted floating atop the central settlement tank and a build-up of growth around the weir edge, as shown below. When pointed out to DCWW it was explained that in order to conduct maintenance the tank requires bypass or a specialist contracted in; the design of the tank makes it difficult to maintain as access is only available via the raised platform above. It was discussed that there is an old second treatment tank on site that has been mothballed and could possibly be returned to service, though this would up to the operator to determine.

Action: Investigate the cause of floating sludge during visit and how this will be managed going forward, including specialist maintenance where necessary.





Officers were unable to access the outfall at the time of visit as there is no direct access from site. Following previous inspections it is noted that permanent access is not intended to be installed due to significant costs and health & safety risks associated with the river bank, however access is possible under the right conditions and conducted periodically when possible.

Action: please check the latest outfall inspections information and share for this site.

The MCERTS accreditation for this site is currently within date until 2028, in compliance with Condition 3.3.3. The monitoring point was also clearly labelled in line with Condition 3.3.4 and nothing of concern was observed at the access point.



Actions / further comments

In summary, we presently find the site to be compliant with its permitted conditions. Nevertheless, the following actions are given to confirm queries raised:

1. Investigate the cause of floating sludge during visit and how this will be managed going forward, including specialist maintenance where necessary. **Action only, 10/07/2026.**
2. Please check the latest outfall inspections information and share with NRW for this site. **Action only, 10/07/2026.**

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.