

Compliance Assessment Report CAR_NRW0043777

Permit being assessed: BJ0078801

For: GOLDEN GROVE WWTW LLANDEILO CARMS, held by DWR CYMRU CYFYNGEDIG

At: GOLDEN FROVE WWTW, LLANDEILO, CARMARTHENSHIRE, WALES, .

Type of assessment carried out: Site Inspection, Reason: Routine.

On 29/02/2024, between 10:00 and 10:30.

Parts of permit assessed: All

NRW Lead Officer: Gavin Thomas, accompanied by: Keiran Jones.

Report sent to: CARS Mailbox, CARS mailbox, on 15/03/2024.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
IR2A - Operations - Permitted activities	Assessed (A)	
IR2C - Operations - Operating techniques	Assessed (A)	
IR3A - Emissions and monitoring - Emissions to water, air or land	Assessed (A)	

Result types are explained in more detail in the 'Important Information' section below.

2. What action is required?

No action required.

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

This was a pre-planned audit carried out by Natural Resources Wales environment officers who were accompanied by a senior operative and performance manager from Dwr Cymru.

The weather was dry with rain experienced in the days leading up to the visit.

General Observations

Officers were taken through the works from the inlet, through the treatment system, before finishing at the

final effluent sampling station. The discharge point into the Afon Tywi was expected by officers later in the day, however the pipe was not visible due to siltation, but the discharge did not look to be causing any issues, with no fungus or odour present.

The site is a Wastewater Treatment works that processes residential and has telemetry in place for monitoring storm overflows. The permit for the site is for the discharge of secondary treated sewage effluent. The site was surrounded by a tree boundary made up of very tall conifers. There were no obvious signs of the tree roots causing damage to the infrastructure of the works.

The Process

There is a storm overflow present at the inlet, this discharge is covered by a separate permit called Colden Grove WwTW Inlet CSO (BP0312601) and this will be covered by a separate CAR form. There is no screen in operation at the inlet of the works screening is done at the final effluent point and this is cleaned manually. There is no flow meter on the site, the only means of flow measurement is the EDM monitor on the inlet. The permit includes a flow monitoring condition, however as the Dry weather flows are so low at this asset (10.8 Cubic meters per day) we do not require a MCERTS flow monitor to be fitted at this time.



Figure 1: Inlet to the works with the storm overflow in the background.



Figure 2: Perimeter of site made up of tall conifers.

The flows then enter into a primary settlement tank. The sludge is pumped into holding tanks at the works, this is emptied every two months. Secondary treatment is achieved by a percolating filter bed. The rotation arms on the filter bed were moving free and unhindered. During the visit, the filter beds seem to work effectively with no sign of ponding or dry patches with no obvious leakages.



Figure 3: Filter bed



Figure 4: Final settlement tank

Following the filter bed treatment, the flow enters a final settlement tank. The final tanks seemed to work effectively at the time of the visit with no signs of built-up sewage fungus, there was some conifer needles present on the surface of the tank, these are manually cleared by operatives when on site. The site is visited twice a week.



Figure 5: Discharge point

The outfall point is blocked and overgrown, due to proximity to the Tywi the outfall has silted up in times of high flows, this silt has now become overgrown. The discharge is making its way up through the silt and into

the Tywi, but the pipe is not visible. The discharge did not have any obvious odour and there was no fungus present.

The outfall point could do with some clearing up, however this may end up getting silted up again due to the nature of the Tywi and the location of the point.

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 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

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.