

Compliance Assessment Report CAR_NRW0042769

Permit being assessed: AB0046601

For: LLANGYBI STW LLANGYBI USK, held by DWR CYMRU CYFYNGEDIG

At: LLANGYBI SEWAGE TREATMENT WORKS, LLANGYBI, USK, MONMOUTHSHIRE, .

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

On 26/10/2023, between 08:30 and 09:10.

Parts of permit assessed: Whole permit

NRW Lead Officer: Peter Jones.

Report sent to: John Benson , Site manager , on 16/11/2023.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
IR1A - Management - General management	C3 Minor	1 Nature
IR1A - Management - General management	C3 Minor	16 (b)
IR1A - Management - General management	C3 Minor	16 (c)
IR3A - Emissions and monitoring - Emissions to water, air or land	C2 Significant	2 (c)

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

2. What action is required?

Criteria	Action needed	Complete by
IR1A	Fix storm baffle to prevent discharge.	10/12/2023
IR1A	Replace baffle	10/12/2023
IR1A	Clean tanks on a regular basis.	10/12/2023
IR3A	Investigate flow into works and provide explanation why the manhole surcharges.	10/12/2023

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 Llangybi WWTW AB0046601. Inspection carried out by Peter Jones and Tracy Jones. John Benson from DCWW was also present.

Weather: Foggy and raining.

The site motor control room was checked first, the floor of the control room was flooded to a depth of 1.5 cm. The ingress of effluent into the control room poses a risk to the electrical controls housed in the building. The floor of the building was also very slippery due to the flooding and there is a significant risk of slipping on the floor. This issue is a H&S risk to staff and visitors and should be addressed.

The site diary was checked and found to be up to date. The records in the diary show the site was flooded on the 18, 20 and 25 October and as a result limited duties were only possible.

The sites critical parameter board lists the NRW consent limits as:

Pass forward flow 5.3 l/s
BOD 40 mg/l
Suspended Solids 60 mg/l

Effluent enters the works by gravity sewer and is then pumped to a high inlet with a 6 mm screen to remove solids, the screenings are removed for disposal. The storm baffle is damaged and there is a constant discharge of untreated effluent to the storm channel. See attached photograph. This is a breach of conditions:

1. Nature The discharge shall consist solely of secondary treated sewage effluent.

16 (b). Maintenance Following a failure all equipment shall be returned to normal operation as soon as practicable.



The flow then passes to a balancing tank, from where the flow is split into two Primary Settlement Tanks (PSTs). Both tanks have been covered in netting to prevent leaves and debris from entering the tanks. There was no build-up of fat on

the surface of the PSTs and the channels were free of any sludge and debris.

From the PSTs the effluent is passed onto the Rotating Biological Contactor (RBC). This is a sealed unit and looked to be operating as designed. From the RBC the effluent is passed to the humus tank. There was a build-up of solids in the humus tank, this should be removed so it does not hamper the operation of the works. This is a breach of condition:

16 (c). Maintenance Tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.



The UWWTR discharge sample point is clearly signed posted. The flow metre showed the final effluent discharge to be 3.57 l/s.

The bund surrounding the sludge tank contained a significant volume of sludge and had not been cleaned out for some time, giving an impression of general neglect on the site. The sludge and weed growth should be removed from the bund on a regular basis.



Judging from the condition of the ground the manhole adjacent to the humus is continuing to surcharge on a regular basis. This is a breach of condition:

2 (c) Location The discharge shall be made in the manner and at the place specified, grid reference ST38477 96090.



Steps should now be taken to improve operations, the issues highlighted as permit breaches should be addressed and the work should be completed by the 10 December 2023. If you are unable to meet this deadline, please contact me using the details outlined below.

A flow data request has been submitted once we have audited the data a further CAR will be sent.

Contact details:

If you have any queries regarding this CAR form or to provide an update on any actions above, please contact me using the following details: Peter Jones, Environment Officer, Peter.A.Jones@naturalresourceswales.gov.uk, 07760443974.

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.