

Compliance Assessment Report CAR_NRW0039385

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 15/02/2022, between 10:15 and 11:30.

Parts of permit assessed: Whole permit

NRW Lead Officer: Peter Jones, accompanied by: Alastair Krzyzosiak.

Report sent to: Laura Davis, Assistant Process Scientist, on 24/02/2022.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
WQ-C2 - Emissions and monitoring - Emissions to land	C3 Minor	2
WQ-A1 - Management - General management	C3 Minor	16 Maintenance

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

2. What action is required?

Criteria	Action needed	Complete by
WQ-C2	Improve Operations	31/03/2022
WQ-A1	Improve operations	31/03/2022

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.

At this time, we are issuing you with a warning for the non-compliance recorded above. Warnings may influence future enforcement response for continued or further non-compliance.

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

Inspection carried out by Peter Jones and Alastair Krzyzosiak. Laura Davies and Chris

Edwards from DCWW were also present.

At the time of the inspection there was significant rainfall.

Effluent enters the works by gravity sewer and is then pumped to a Haigh inlet unit with 6 mm screen to remove the suspended solids, the screenings are then removed for disposal.

The effluent then passes to a balance tank, from where the flow is spilt into two primary settlement tanks. There is a layer of fat approximately 25 mm thick covering a third of the surface area of the balancing tank.

One of the primary settlement tanks does not look to have been cleaned for some time. There is a large deposit of fat beneath the gantry that passes over the tank. A thick mat of algae covers the remaining surface area of this tank. The second primary settlement tank looks to have been cleaned and the surface area of the tank is relatively free of fat and algae. This is a breach of permit condition 16.

After the settlement tanks, the flow passes to the Rotating Biological Contactor (RBC) or to storm. At the time of the visit effluent was being discharged to the storm channel. Effluent from the storm discharge was breaking out and flowing into a sump below a mag flow metre adjacent storm effluent sample point. This is a breach of permit condition 2 (c).

From the RBC the effluent passes to the humus tank. The humus tank was over spilling and effluent was flowing onto the concrete pad and grassed area. There was a large pool of effluent surrounding a raised brick chamber close to the sludge tanks. The surrounding grassed area was waterlogged with sewage effluent from the works. This is a breach of permit condition 2 (c).

There had been a discharge of sewage sludge from the pipework or pump connected to the sludge tank onto the gravel surrounding the sludge tank bund.

The metre reading for the outflow was 3.18 l/s the permit limit is 5 l/s.

The records in the control room were signed and update. However, there was a flow of effluent escaping from pipework into the control room. This potentially poses a risk to the electrical controls housed within the building.

The metre reading in the control room recorded a combined outflow of 7.6 l/s.

Actions

Ensure regular maintenance is carried out to remove any fat build up, algae mats and ensure flow channels are clean and free of obstructions.

Stop the discharge of storm effluent to ground within the treatment works.

Establish why the humus tanks were over spilling and discharging effluent to ground and put in place procedures to prevent further discharges.

Prevent any discharges of sewage effluent other than that authorised by the permit.

To assess compliance with conditions 4, 5 and 6 of the permit please provide details of the

total daily discharge for the period 1 January 2020 to the 15 February 2020. Please ensure the data makes it clear which days you would consider the flow to be Dry Weather Flow. Dry weather flow being the average daily flow to the treatment works during seven consecutive days without rain following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.

The actions should be completed by the 31 March 2020, if you are unable to meet this deadline, please notify me at the earliest opportunity.

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.