

Compliance Assessment Report CAR_NRW0046164

Permit being assessed: DP3030ZC.

For: PB Gelatins EPR/DP3030ZC, **held by:** PB Gelatins UK Limited

At: Unit A6 Severn Road , Treforest Industrial Estate, Pontypridd, Rhondda Cynon Taf, CF37 5SQ.

Type of assessment: Report/Data Review,

Reason: Routine.

On: 31/12/2024.

Parts of permit assessed: 4.2.2.

NRW Lead Officer: Dale Padfield.

Report sent to: -, Plant Director, on 05/02/2025.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR4B - Installations - Information - Reporting	Assessed (A)	

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

Total non-compliances recorded	Total non-compliance score
0	0

How we use the non-compliance score to calculate your annual fee is explained 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

PB Gelatins UK Limited

EPR/DP3030ZC

This compliance assessment report (CAR) details the review of the annual performance report as required by permit condition 4.2.2 for the 2024 period.

Energy Usage:

PB Gelatins reported a 1.2% decrease in electrical consumption and a 9.9% decrease in gas consumption for 2024. However, energy efficiency appears to have also declined. A 13.7% increase in electrical energy and 3.6% increase in gas per tonne of gelatine was reported.

It is understood that PBG closely monitor energy consumption throughout the year, with internal targets being set by head office and data being reported internally on a frequent basis. It is also understood that energy efficiency figures tend to fluctuate at the facility, with the main cause usually being the quality of the raw material (ossein) received at the facility, which is beyond the control of the operator.

Use of raw materials:

The net production of gelatin had decreased by 13.1% on the previous year but a decrease of 0.6% per tonne of gelatin, suggesting an increased performance of the plant despite reduced output.

There has been a significant decrease of 16.6% ossein sludge waste in 2024 when compared to 2023, likely to be partially influenced by the reduction in output of the plant.

A significant reduction in bone waste was seen at the facility (53.1%) when compared to 2023, resulting in a 46% decrease in bone waste per tonne of gelatine produced. This has been attributed to the utilisation of the extraction residue system to increase yield. These figures suggest the implementation of this system has been highly successful.

The overall quantity of abstracted water has decreased on 2023 figures, however, an increase of 9.9% per tonne of gelatine was reported, suggesting a decrease in water use efficiency.

Odour:

One odour complaint was reported to PB Gelatins in 2024, with NRW receiving a further two reports directed at PB. NRW were not able to substantiate any reports of odour, however, an inspection of the facility and review of the odour management plan highlighted some deficiencies. PB Gelatins were issued corrective actions in CAR_NRW0045212.

Site effluent monitoring results:

Dwr Cymru Welsh Water (DCWW) analysed 13 samples during 2024, PB reported that consent limits were exceeded on three occasions. The exceedances were investigated and corrected on each occasion. There are no emission limits for the sewer discharge within the EPR permit.

Emissions:

No point source emissions to air or land have been recorded except from the sources and emission points listed PB Gelatins permit. However, an effluent drainage pipe failure resulted in the release of process effluent to the river Taff on several occasions during 2024, the details of which are captured in CAR form – CAR_NRW0044968 & CAR_NRW0045837.

Continued difficulties with the effluent drainage infrastructure has resulted in continued compliance issues during 2024. The operator has invested in new infrastructure, however, various delays and issues have resulted in further failures of the effluent line and subsequent releases of raw process effluent to the environment.

Unfortunately, PB Gelatins have concluded that continued operations at the Treforest facility are uneconomical, this has resulted from high operating costs within the UK and global economics concerning the gelatine market. This has resulted in the proposed closure of the facility. The focus for 2025 will be determining expected time-lines and discussions concerning the permit surrender.

END.

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 of 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	Score
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property	60
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property	31
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property	4
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property	0.1

How we use assessment scores

The number and severity of non-compliances recorded in a year will affect your annual subsistence fee the following year. A non-compliance factor is added to your site's Operator

Performance Risk Appraisal (OPRA) score when we calculate your fee to reflect the additional resource we use to assess permit compliance.

If your assessment result in Section 1 is suspended, what does this mean?

In line with our guidance, we may suspend scores for up to six months to allow time for remedial action to be taken. Suspended scores will be re-instated if the action is not completed.

Full list of Industry compliance criteria (used in section 1 and 2):

1. Management

- IR1A – General management
- IR1B – Finance (only applicable to Landfill)
- IR1C – Energy efficiency
- IR1D - Efficient use of raw materials
- IR1E - Avoidance, recovery and disposal of wastes produced by the activities
- IR1F - Multiple operator installations

2. Operations

- IR2A – Permitted activities
- IR2B – The site
- IR2C – Operating techniques
- IR2D – Technical requirements
- IR2E – Improvement programme
- IR2F – Pre-operational conditions
- IR2G – Landfill engineering (only applicable to Landfill)
- IR2H – Waste acceptance (only applicable to Landfill)
- IR2I – Leachate levels (only applicable to Landfill)
- IR2J – Closure and aftercare (only applicable to Landfill)
- IR2K – Landfill gas management (only applicable to Landfill)

3. Emission and Monitoring

- IR3A – Emissions to water, air or land
- IR3B – Emissions of substances not controlled by emission limits
- IR3C – Odour
- IR3D – Noise and vibration
- IR3E – Monitoring
- IR3F – Pests
- IR3G – Air quality management plans
- IR3H – Monitoring for the purposes of the Industrial Emissions Directive (this heading includes Large Combustion Plants)
- IR3I – Fire

4. Information

- IR4A – Records
- IR4B – Reporting
- IR4C – Notification

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.

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 to 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.