

Compliance Assessment Report CAR_NRW0041288

Permit being assessed: DP3732SQ.

For: Bryn Pica Landfill EPR/DP3732SQ, held by Cynon Valley Waste Disposal Company Ltd
At: Bryn Pica Landfill Site , Llwydcoed, Aberdare, Rhondda-Cynon-Taff, CF44 0BX.

Type of assessment carried out: Report/Data Review, Reason: Routine.

On 21/02/2023.

Parts of permit assessed: Odour Management Plan

NRW Lead Officer: Mostyn Wall.

Report sent to: Lee Foulkes, Technical Manager on 21/02/2023.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
C2 - General Management - Management system and operating procedures	Assessed (A)	

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

Total number of 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

Bryn Pica Landfill Odour Management Plan and Walkover Survey Report

In response to CAR form CAR_NRW0040962 and the actions enclosed Amgen sent NRW on the 27.01.2023 an updated odour management plan and a proposal for the walkover

survey location and frequency. This completes the actions outlined in CAR_NRW0040962.

Odour Management Plan

The updated Odour Management Plan (OMP) is the first review since 2006. The plan sets out an assessment of risk and has reviewed the odour complaints between January 2006 and December 2022. The review has shown that odour related complaints have reduced significantly from their peak of 123 during 2006 to an average of less than 5 per year from 2017 onwards.

Waste input into the Bryn Pica has decreased over the last 10 years. During 2010 the site accepted a total of 100,00 Tonnes of non-hazardous waste for landfill disposal. During the 3-year period Jan-19 to Dec-22 the site accepted on average around 28,000 Tonnes per annum. The key factor in this reduction was the diversion by RCT Council of biodegradable municipal waste from landfill to other forms of waste management (around 2015).

Amgen shall undertake walkover inspections of the landfill to determine if there are any odorous emissions. These shall be carried out monthly, except for the months of November, December, January and February when the frequency shall increase to weekly. Historic records show that most odour complaints received in relation to Bryn Pica, occur during the winter months.

Walkover survey shall consist of 2 parts:

- An olfactory assessment (i.e. can the operator detect an odour at the sampling point at the time of the visit).
- Analysis of air quality using a suitably calibrated analyser. At the time of writing the preferred target gas shall be Hydrogen Sulphide. The method of detection shall be the use of the handheld Jerome 631 Analyser.

The location of sample points is illustrated in Drawing No. AC23/02/001 (Appendix A). A total of 27 sample locations are provided in positions surrounding the active area of the landfill.

The OMP also sets out outcomes where Amgen shall undertake additional odour monitoring:

- An extended period (in excess of 24 hours) of downtime associated with the site's gas management system.
- Ongoing engineering works with the potential to increase the risk of odorous emissions (e.g. installation of new or replacement landfill gas wells).
- The receipt of 2 or more odour complaints in a 5-day period.
- A positive identification of odorous emissions during routine operations or walkover surveys.

Amgen shall write to inform NRW of any such outcome and provide a short-term plan for additional monitoring suitable to demonstrate the extent of any impact.

The OMP also sets out the proposal for site boundary monitoring if required or during a period of ongoing odour complaints.

The OMP outlines actions to be taken during abnormal operations such as planned engineering work or emergency conditions like a fire or a Non-compliant odorous waste deposition.

Recording of odour complaints.

A register of all odour complaints received is maintained on the site, describing the complaint plus the details of any investigations that were carried out resulting from the complaint. Weather data for the time of the complaint is also recorded.

All records of odour complaints received on site are now being forwarded to Novera Energy Ltd (Infinis) as part of our ongoing partnership with the operators of the on-site landfill gas generation scheme.

A record of all the sites odour monitoring will be kept and available to NRW for inspection. Notification of an odour event / anticipated odour event will be carried out in accordance with Schedule 6 of the site's Environmental Permit. As soon as is practically possible following identification / expectation of an odour event a Schedule 6, Part A Notification will be completed and signed by an authorised member of Amgen Cymru staff and forwarded to the sites Regulatory Officer. Following an on-site investigation of the odour event Part B of the Schedule 6 Notification will also be completed and forwarded to the Regulatory Officer at NRW.

The odour management plan will be reviewed every 4 years by Amgen and reported back to NRW.

Any complaints received directly by the Company shall be forwarded to NRW for information.

The OMP is accepted by NRW.

NRW accepts the frequency of the walkover plan outlined in the OMP and the locations of the sample points outlined in drawing number AC23/02/001, ODOUR SURVEY SAMPLING LOCATIONS.

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.

What are suspended scores?

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 and Waste action criteria (used in section 1 and 2):**A: Permitted activities**

- A1 Specified by permit

B: Infrastructure

- B1 Infrastructure – Engineering for prevention and control of emissions
- B2 Infrastructure – Closure and decommissioning
- B3 Infrastructure – Site drainage engineering (clean and foul)
- B4 Infrastructure – Containment of stored materials
- B5 Infrastructure – Plant and equipment

C: General management

- C1 General management – Staff competency/training
- C2 General management – Management system and operating procedures
- C3 General management – Materials acceptance
- C4 General management – Storage, handling, labelling and segregation

D: Incident management

- D1 Incident management – Site security
- D2 Incident management – Accidents, emergency and incident planning

E: Emissions

- E1 Emissions – Air
- E2 Emissions – Land and groundwater
- E3 Emissions – Surface water
- E4 Emissions – Sewer
- E5 Emissions – Waste

F: Amenity

- F1 Amenity – Odour
- F2 Amenity – Noise
- F3 Amenity – Dust/fibres/particulates and litter
- F4 Amenity – Pests/birds and scavengers
- F5 Amenity – Deposits on road

G: Monitoring and records, maintenance and reporting

- G1 Monitoring and records, maintenance and reporting – Monitoring of emissions and environment
- G2 Monitoring and records, maintenance and reporting – Records of activity, site diary/journal/events
- G3 Monitoring and records, maintenance and reporting – Maintenance records
- G4 Monitoring and records, maintenance and reporting – Reporting and notification to Natural Resources Wales

H: Resources efficiency

- H1 Resource efficiency – Efficient use of raw materials
- H2 Resource efficiency – Energy efficiency

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.