

Compliance Assessment Report CAR_NRW0039708

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: Site Inspection, Reason: Routine.

On 04/04/2022 between 10:00 and 13:00.

Parts of permit assessed: Waste acceptance security, management,

NRW Lead Officer: Richard Taylor.

Report sent to: Lee Foulkes, Technical Manager on 12/04/2022.

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

Part of permitted activity assessed (criteria)	Assessment result	Permit condition
A1 - Specified by permit	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 – DP3732SQ

Site visit / inspection 4th April 2022

1.0 Waste acceptance criteria

On 22nd February 2022 NRW were notified about a consignment of waste which was mislabelled whose final destination was Bryn Pica Landfill. The consignment was bailed with other materials and entered the landfill between 7th and 9th March 2022. NRW reviewed the waste acceptance process in place at the site. It could be seen that the job of identifying some wastes when they are wrapped in plastic bags is difficult to impossible because they look identical to other bags of waste. The waste type in question occupied 5% - 10% of the load and was visually identical.

NRW accept that the waste is disposed of securely and will not be moved. To move the waste would incur greater environmental effects (dust, odour), and risk introducing oxygen into the waste mass in the landfill which could potentially lead to landfill fire. The site only accepts wastes that are pre-arranged, so Amgen are taking the issue up with their supply chain as an immediate action. NRW officers at other sites are also investigating the supply chain to ensure mislabelling of waste incidents can be minimised.

One improvement which NRW would like to suggest is to have a camera on the weighbridge which can look down into the open topped trucks. This could help identify unexpected loads arriving on site. Granted, this would almost certainly not help in this case, but could be a valuable asset going forward. A camera here could also be fitted with heat detection capability which could identify unexpected heat sources arriving on site – including bodies. The camera could produce an archive to follow up any enquiries. It could also act as a deterrent to waste operators trying to dispose of some waste types.

Decision – NRW will not require the deposited waste to be moved due to the increased risks involved with doing so.

Recommendation – site to assess the feasibility of placing a camera on the weighbridge which can see into the back of the trucks.

2.0 Odour Complaints

Since the new year, site have received 3 odour complaints. These originate from the same location south of the site in Abernant. NRW recognises that there are multiple possible sources of odour at Bryn Pica, and are not blaming the landfill site, however, there may be a possible source-pathway link from the landfill site to Abernant which follows the path of the stream south of the site and exits the site boundary at SW07. This could potentially lead to heavier than air odorous compounds migrating south from the site. After discussion with the site operatives, a gas alarm monitor will be placed in this location to monitor the situation on a periodic basis.

Action – Site to carry out periodic gas measurements at SW07 and keep a log of the findings for the next inspection.

3.0 Site Tour

Site received extra waste from Viridor over a short period of plant shutdown in Cardiff since the new year. NRW inspected the current tipping operation and found this to be satisfactory. The tipping face was seen to be small, with plenty of daily cover present. The current tipping cell 5a(ii) was being filled at the time, at the last visit the cell 4b was being completed and Cell 5 was being constructed. 2 operators were moving the waste into position using a shovel and a compactor. A third operator was employed picking stray litter. A hawk was observed to be flying which resulted in no seagull presence at all. No excessive odour was witnessed. No wind-blown waste of noticeable quantities was observed, no dust was seen from the operation. However, vegetation was seen growing through the temporary liner of the adjacent cell which

needs to be addressed to ensure the integrity of the liner remains intact.

Action – Site to review the vegetation growing through the temporary cap and remove where necessary.

Pic 1 – The current tipping face Cell 5a(ii) with Cell 4b in the background filled and with temporary cap. Taken 4th Apr 2022.



DSEAR markings are a legal requirement to delineate potentially explosive areas such as gas wells. At the time of the inspection these were missing from the newly installed wells on site. Site immediately responded and confirmed these were in place the following day. The following pictures show the missing DSEAR markings on 4th Apr on the left with the added markings shown on the right from a picture taken by site representatives on 5th Apr 2022.

Action – Completed



Other Observations

- The effluent treatment was seen to be operating as required. No issues.
- SW07 at the southern end of the site was seen to be dry.
- The gas field was seen to be operating as normal. Infinis staff were seen carrying our readings on the day.
- Site security was reportedly in place with roving guards present on site. The southern fence was in place but could benefit from some preventative maintenance to deter unauthorised entrance to the site.
- The site was relatively clean and noticeably tidy. As mentioned before, no odours, dust, pests, vermin excess noise, windblown material or dust was seen.

4.0 NRW update

There will be a new inspector for this site taking over in the next few months. A follow up inspection will be pencilled in for June time to enable the handover to be completed. NRW now has a landfill specialist lead who works with all site inspectors of landfills within Wales. Unfortunately, the newly designated Officer took

ill with Covid shortly before the inspection but will hopefully be in attendance in June.

Note – Next site inspection June 2022

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.