

## Compliance Assessment Report CAR\_NRW0050244

**Permit being assessed:** CP3735PB.

**For:** Nantycaws Landfill EPR/CP3735PB, **held by:** CWM Environmental Ltd

**At:** Nantycaws Landfill Site Llanddarog Road , Nantycaws, Carmarthen, Carmarthenshire, SA32 8BG.

**Type of assessment:** Site Inspection,

**Reason:** Routine.

**On:** 12/11/2025 between 10:30 and 11:45.

**Parts of permit assessed:** See Section 4.

**NRW Lead Officer:** Benjamin Taylor, accompanied by Daniel Packer.

**Report sent to:** SHEQ and Landfill Compliance Manager, CWM Environmental Ltd, on 23/12/2025.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
IR3B - Installations - Emissions and monitoring - Emissions of substances not controlled by emission limits	Action only (X)	
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	C3 Minor	Permit condition 3.1.2.
IR3A(1) - Installations - Emissions and monitoring - Emissions to water	C3 Minor	Permit condition 3.1.2.
IR1A - Installations - Management - General Management	C3 Minor	Permit condition 1.1.1a.

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

Total non-compliances recorded	Total non-compliance score
3	12

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?

Criteria	Action needed	Complete by
IR3B	CWM Environmental Ltd is to confirm to NRW whether there is an impermeable liner present beneath the compost stockpile and adjacent surface waterbody.	16/01/2026
IR3A(1)	CWM Environmental Ltd must immediately implement measures to prevent the accumulation and discharge of surface water from the compost stockpile via discharge point SW206. In addition, the Operator is required to review the surface water management arrangements within the material stockpile area, and submit the findings of this review to NRW as evidence.	30/01/2026
IR3A(1)	As action above.	30/01/2026
IR1A	CWM Environmental Ltd is to submit to NRW the most up to date Surface Water Management Plan for the Site.	23/01/2026

Compliance 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

### Introduction

This Compliance Assessment Report (CAR) relates to a Site Inspection carried out by Natural Resources Wales (NRW) on 12<sup>th</sup> of November 2025 at the Nantycaws Phase 2 Landfill. The Site is operated by CWM Environmental Ltd under EPR/CP3735PB.

This visit constitutes a follow-up site inspection, undertaken in response to observations made by NRW Officers during a previous inspection on 24<sup>th</sup> of October 2025 (CAR\_NRW0050240). These observations raised concerns regarding surface water management in the vicinity of the compost stockpile, which is located within the Phase 3 Landfill Area currently being used to store restoration soils.

### Scope

Within CAR\_NRW0050240, it was determined by NRW that further investigation was required. Consequently, NRW conducted a follow-up visit following a period of prolonged and heavy rainfall. The purpose of this visit was to ultimately establish the discharge point of the visually contaminated surface waterbody located adjacent to the compost stockpile, and also to collect water samples for

quality analysis.

**Site Observations**



*Image 1 & 2: Location of S1 Sample - Ponding Area (left) and S2 Sample - SW206 (right)*

Following investigation by NRW officers, it was confirmed that the body of visually contaminated water adjacent to the compost stockpile discharges into a small watercourse along the northern site boundary and ultimately leaves site via discharge point SW206. This location is a permitted monitoring point with defined Emission Limit Values (ELVs), as specified in *Schedule 4: Table S4.3* of the permit.

The following water samples were collected during the visit:

- S1 – Stockpile ponding. Sample collected at 10:50 from NGR: SN4676117625.
- S2 – SW206 watercourse. Sample collected at 11:25 from NGR: SN4678817650.

The results from the samples indicate the following exceedances of permitted ELVs at SW206 on the 12<sup>th</sup> of November 2025:

Determinand	Monitoring Location	Measured Value	Emission Limit Value (ELV)
Ammoniacal Nitrogen	SW206 (S2 water sample on 12 <sup>th</sup> of November 2025)	3.19mg/l	1.0mg/l
Suspended Solids	SW206 (S2 water sample on 12 <sup>th</sup> of November 2025)	373mg/l	50mg/l

*Table 1: List of exceedances of permitted ELVs following the surface water sampling on the 12th of November 2025*

On review of the elevated Ammoniacal Nitrogen (15.7mg/l) noted within the S1 sample, it is considered that this is indicative that the body of water adjacent to the compost stockpile is a contributing factor for the exceedances identified at SW206. These findings must be factored into future surface water management in this area, and the Operator must ensure that this accumulated water does not discharge via SW206.

On 8<sup>th</sup> of December 2025, the Operator informed NRW via email that they are investigating the surface water body, and also confirmed that the source arises from the compost material. The Operator outlined that they will be submitting further information to NRW detailing the results of this investigation. Once received, this information may be used to inform future CAR forms and inspections.

NRW presumes that the base of the contaminated water body, along with the compost accumulation, does not benefit from any form of impermeable lining.

**Action:**

**CWM Environmental Ltd is to confirm to NRW whether there is an impermeable liner present beneath the compost stockpile and adjacent surface waterbody.**

**Compliance:**

Permit condition 3.1.2 below states:

*'The limit given in that Schedule shall not be exceeded, save that compliance with an emission limit shall include incorporation of the uncertainty allowance states in Agency guidance LFTGN 05 and LFTGN 08.'*

The Operator has failed to comply with the ELVs for Ammoniacal Nitrogen and Suspended Solids at monitoring point SW206, as specified in *Schedule 4: Table S4.3*. This constitutes a breach of permit condition 3.1.2. Consequently, a non-compliance score of C3 has been allocated for each parameter exceedance under criteria IR3A(1) – Emissions to Water.

Permit condition 1.1.1a below states:

*'The Activities shall be managed and operated:*

- a. *In accordance with a management system, which identified and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the Operator as a result of complaints; and.'*

NRW considers that the root cause of the ELV exceedances is insufficient management of surface water in this area. This constitutes a breach of permit condition 1.1.1(a). Consequently, a non-compliance score of C3 has been allocated under criteria IR1A – General Management.

- In accordance with non-compliance scoring guidelines, the non-compliance scores attributed to General Management have been consolidated into a singular score

**Action:**

**CWM Environmental Ltd must immediately implement measures to prevent the accumulation and discharge of surface water from the compost stockpile via discharge point SW206. In addition, the Operator is required to review the surface water management arrangements within the material stockpile area, and submit the findings of this review to NRW as evidence.**

**Action:**

**CWM Environmental Ltd is to submit to NRW the most up to date Surface Water Management Plan for the Site.**

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](mailto: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](mailto: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.