

## Compliance Assessment Report CAR\_NRW0050825

**Permit being assessed:** KP3795FU.

**For:** Hendy Quarry Landfill, **held by:** Tarmac Trading Limited

**At:** School Road, Miskin, Pontyclun, R C T, CF72 8PG.

**Type of assessment:** Report/Data Review,

**Reason:** Routine.

**On:** 24/02/2026.

**Parts of permit assessed:** Monitoring.

**NRW Lead Officer:** Greg Gardner.

**Report sent to:** RAP Manager, RAP Manager, on 27/02/2026.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
W3A(2) - Waste - Emissions and monitoring - Emissions to air	C4 No impact	3.6.1
W3A(1) - Waste - Emissions and monitoring - Emissions to water	Assessed (A)	
W3A(3) - Waste - Emissions and monitoring - Emissions to land	Assessed (A)	

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

Total non-compliances recorded	Total non-compliance score
1	0.1

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
W3A(2)	Return to permit compliance limits	Already completed

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.

#### **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

This report details the annual emissions monitoring at the Tarmac Hendy Quarry site, permit reference number EPR/KP3795FU.

As part of the sites environmental permit, under section 4.2 (reporting), the site must submit periodic reports detailing emissions from site. It compares results from the Annual Environmental Report for 2025 against the sites permit limits.

#### **LANDFILL GAS**

Methane remained below the 1.0% v/v permit limit. Carbon dioxide exceeded the 1.5% v/v limit twice at perimeter borehole points PZ01/08 and PZ07/08R - PZ01/08 (1.6%v/v January 2026) and at PZ07/08R (2.4%v/v January 2026),. Although this is an exceedance of the permit limit, the reported value of 2.4%v/v is environmentally insignificant and consistent with concentrations expected for a background soil such as from in-situ soil respiration. Due to these circumstances NRW consider this a non-compliance with no environmental effect (Category 4 Breach) as identified in previous CAR Form CAR\_NRW0043548.

#### **GROUNDWATER QUALITY**

No breaches were detected in relation to groundwater quality. For down-gradient boreholes PZ07/08 & PZ08/08:

##### **Permit Limits (Table S4.2)**

- **Chloride:** 150 mg/l
- **Ammoniacal N:** 0.5 mg/l
- **Cadmium:** 0.001 mg/l
- **Nickel:** 0.2 mg/l (revised assessment introduces 0.034 mg/l tighter limit)
- **Sulphate:** 200 mg/l
- **Naphthalene:** 0.01 mg/l

All groundwater parameters were within permitted limits:

- **Ammoniacal nitrogen:** Max 0.07 mg/l (limit 0.5)
- **Chloride:** Max 42 mg/l (limit 150)
- **Sulphate:** Max 86 mg/l (limit 200)
- **Cadmium:** Max 0.00054 mg/l (limit 0.001)
- **Nickel:** Max 0.002 mg/l (limit 0.2, or 0.034 revised)
- **Naphthalene:** Mostly <0.01 µg/l; one sample had raised detection limit but consistent with previous compliance

**SURFACE WATER COMPLIANCE**

No breaches were detected in relation to surface water discharge.

**Permit Limits (Table S4.1)**

- **Discharge volume:** 750 m<sup>3</sup>/day
- **Rate of discharge:** 25 L/s
- **Suspended solids:** 100 mg/l
- **Mineral oil:** 5 mg/l
- **pH:** 6–9

All surface water discharge parameters were within permitted limits:

**Discharge Volume & Flow**

- Max monthly daily average: **924 m<sup>3</sup>/day (March)** – *below* permitted **5,000 m<sup>3</sup>/day** (updated limit in 2019 variation)
- Telemetry (Q4 2025): Max flow rate **9.267 L/s** (limit 58 L/s)

**Water Quality**

- **Suspended solids:** 0–120 mg/l
  - 120 mg/l was from the quarry sump, not the discharge point (which was not flowing). No permitted discharge exceedances.
- **pH:** Within 6–9 range throughout
- **Mineral oil:** Max 0.01 mg/l (limit 5 mg/l)

**WASTE INFORMATION**

The site can accept 450,000 tonnes of waste per year. for 2025, the site received 0 tonnes of waste(s) and are therefore well within permitted limits.

***In this document 'Natural Resources Wales' means the Natural Resource Body for Wales established by Article 3 of the Natural Resources Body for Wales (Establishment) Order 2012***

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 required for the permit condition assessed to avoid non-compliance. No non-compliance scored at this time
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 Waste compliance criteria (used in section 1 and 2):****1. Management**

- W1A – General management
- W1B – Energy Efficiency (MCP/SG facilities only)
- W1C – Avoidance, recovery and disposal of wastes produced by the activities

**2. Operations**

- W2A – Permitted activities
- W2B – Waste recovery plan
- W2C – Operating techniques
- W2D – The site
- W2E – Waste acceptance
- W2F – Technical requirements
- W2G – Improvement programme
- W2H – Pre-operational conditions

**3. Emission and Monitoring**

- W3A(1) – Emissions to water
- W3A(2) – Emissions to air
- W3A(3) – Emissions to land
- W3B – Emissions of substances not controlled by emission limits
- W3C – Odour
- W3D – Noise and vibration
- W3E – Monitoring
- W3F – Pests
- W3G – Fire

**4. Information**

- W4A – Records
- W4B – Reporting
- W4C – 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.

**Disputing the Content of this Compliance Assessment Report Form**

If you disagree with the content of this Compliance Assessment Report form, you should submit your concerns, in writing, to the regulating officer who issued it within **15 working days** of its issue. This will be treated as a **Stage 1 review**.

If you are not satisfied with the outcome of the stage 1 review, you may request a **Stage 2 appeal**. This request must be submitted **within 21 working days** of receiving the response from the stage 1 review.

Further details on our review and appeal process are available at: [Natural Resources Wales / Appeal a regulatory decision from Natural Resources Wales](#)

**Concerns Not Related to the Content of this Compliance Assessment Report Form**

If your concerns do not relate to the content of the Compliance Assessment Report form, you should first attempt to resolve the issue with the regulating officer or their line manager.

If the issue remains unresolved, please contact our **Customer Contact Team**:

- **Telephone:** 0300 065 3000 (Monday to Friday, 09:00–17:00)
- **Email:** [enquiries@naturalresourceswales.gov.uk](mailto:enquiries@naturalresourceswales.gov.uk)

They will provide details on how to escalate your concerns through our **Complaints and Commendations procedure**.

If you are dissatisfied with our response, you may contact the **Public Services Ombudsman for Wales**:

- **Telephone:** 0300 790 0203
- **Email:** [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.