

Compliance Assessment Report CAR_NRW0052359

Permit being assessed: KB3835RT.

For: Machen Quarry, **held by:** Hanson Quarry Products Europe Limited

At: Machen, Caerphilly, CF83 8YP.

Type of assessment: Site Inspection,

Reason: Routine.

On: 12/06/2026 between 10:00 and 11:00.

Parts of permit assessed: Various.

NRW Lead Officer: Cerys Phillips, accompanied by Jodie Baskerville.

Report sent to: David Holman, Manager, on 14/07/2026.

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

Part of permitted activity assessed (compliance criteria)	Assessment result	Permit condition
W4B - Waste - Information - Reporting	C4 No impact	4.2.2
W1A - Waste - Management - General management	C3 Minor	1.1.1
W2A - Waste - Operations - Permitted activities	Assessed (A)	
W2D - Waste - Operations - The site	Assessed (A)	
W3B - Waste - Emissions and monitoring - Emissions of substances not controlled by emission limits	Assessed (A)	
W3D - Waste - Emissions and monitoring - Noise and vibration	Assessed (A)	

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

Total non-compliances recorded	Total non-compliance score
2	4.1

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
W4B	Please ensure all waste return data is submitted to NRW by the specified deadlines .	Already completed
W1A	Please provide a site specific EMS document for the permitted facility that clearly sets out the arrangements in place to ensure permit compliance and provides references to all relevant management system procedures and records, using the guidance provided, by 30th September 2026.	30/09/2026

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.

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

INSPECTION DETAILS

On Friday 12th June 2026 Natural Resources Wales Officers Cerys PHILLIPS and Jodie BASKERVILLE attended the facility at 10:00 am for an unannounced routine inspection of permit number EPR-KB3835RT. The weather was lightly raining at the time of inspection.

Upon arrival at the site, NRW officers met with the site foreman, who gave a brief introduction regarding the site processes.

PERMIT BREACH

At the time of inspection, waste returns for Q1 2026 were outstanding, these have since been submitted at the request of NRW.

Permit condition 4.2.2 states 'Within one month of the end of each quarter, the operator shall submit to Natural Resources Wales using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.'

This is being scored as a category 4 breach under W4B – Reporting to Natural Resources Wales.

Deadlines for submitting waste returns

Quarterly returns

Quarters	Deadline for return
January 1 to March 31	April 30
April 1 to June 30	July 31
July 1 to September 30	October 31
October 1 to December 31	January 31

ACTION: Please ensure all waste return data is submitted to NRW by the specified deadlines as indicated in the above table.

The Operator demonstrated that the company operates an ISO 14001 accredited Management System. However, NRW notes that the information relevant to the permitted facility is not currently presented within a single, site-specific Environmental Management System (EMS) document. As a result, it is not readily apparent how permit requirements, operational controls, inspection and maintenance regimes, pollution prevention measures and emergency response procedures are applied and managed specifically for the permitted facility.

Permit condition 1.1.1 states ‘The operator shall manage and operate the activities: (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and (b) using sufficient competent persons and resources.’

NRW requires the Operator to develop and maintain an adequate, site-specific EMS document, for the permitted facility. This document should clearly identify and reference all management system procedures, records and controls relevant to the site and demonstrate how permit compliance is achieved and maintained. The document should provide a clear and accessible overview of the arrangements in place for the facility, ensuring that all site personnel can readily access the procedures and controls necessary to prevent pollution and maintain compliance.

The current arrangement relies on information being distributed across multiple documents and management system modules, making it difficult to assess how permit requirements are implemented at the facility. An EMS should provide a comprehensive description of management arrangements, operational controls, monitoring, maintenance, inspection, pollution prevention and emergency response measures applicable to the permitted activities and should be a live, working document.

This is being scored as a **category 3 breach** under W1A - General management.

ACTION: Please provide a site specific EMS document for the permitted facility that clearly sets out the arrangements in place to ensure permit compliance and provides references to all relevant management system procedures and records, using the guidance provided, by 30th September 2026.

PERMIT INSPECTION

Since the previous inspection, the site has resumed accepting waste, albeit in relatively small quantities. This differs from previous discussions, documented in CAR_NRW0042257, during which the operator advised that waste acceptance had ceased.

NRW officers were escorted to the lower site area, consisting of a hardstanding surface on which several stockpiles of bituminous-type waste were present. The site foreman advised that waste delivered outside normal operating hours is deposited in this area when the main gates are closed. During the day, waste is deposited within the quarry area.



Figure 1: Bituminous type waste stored in lower permitted area

Officers were then escorted to the quarry area, where several bays were in place for the segregation of different waste types. This area benefits from an impermeable surface, which appeared to be in good condition at the time of the inspection.



Figure 2: Waste stored in Quarry area



Figure 3: Segregated bays for waste types



Figure 4: Additional segregated bays

The foreman advised that several dust suppression cannons are used on site, particularly when crushing, to minimise the generation of airborne dust. At the time of the inspection, there was no evidence of excessive airborne dust or noise arising from site activities.

WAMITAB

TCM for site is William Stefan Thomas and holds an up to date WAMITAB at the time of inspection.

CONTACT DETAILS

If you have any issues with this report please contact Cerys PHILLIPS at cerys.phillips@naturalresourceswales.gov.uk.

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.

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

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

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.