Cyfoeth Naturiol Cymru
Natural Resources Wales

Compliance Assessment Report CAR_NRW0053051

Permit being assessed: AC0121201

For: Trefil Quarry, **held by:** Tarmac Trading Limited

At: Trefil, Tredegar, Gwent, NP22 4HF.

Type of assessment carried out: Site Inspection,

Reason: Routine.

On 24/09/2026, between 10:58 and 11:27.

Parts of permit assessed: Permit compliance

NRW Lead Officer: Elis Nuttall.

Report sent to: Alec Hall, Production Manager, on 25/09/2026.

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

Part of permitted activity assessed (criteria)	Assessment result	Non-compliant permit condition
WQ-D1 - Water Quality - Information - Records	Action only (X)	

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

2. What action is required?

Criteria	Action needed	Complete by
WQ-D1	Provide sampling records for the 12 months prior to this site inspection as evidence of effluent quality.	25/10/2026

Action 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

Site Inspection Report

This report details the site inspection made by Natural Resources Wales (NRW) on the 24/09/2026 to Trefil Quarry, Trefil permit reference number EPR-AC0121201.

I (NRW Environment Officer Elis Nuttall) attended Trefil Quarry at 10:58 for a water quality permit compliance inspection where I met with the Production Manager (AH). The weather was clear and dry at the time of the inspection.

General Observations

The site is a concrete plant located to the North of the village of Trefil in Caerphilly County Borough operated by Tarmac Trading Limited. The permit gives consent for the site to discharge site drainage and treated trade effluent from the concrete batching process.

This discharge shall be made at the outlet from the final settlement lagoon (~SO1210113103) at the point specified on the site plan. The receiving watercourse is Nant Trefil. The maximum volume of effluent discharged shall be dependant on rainfall. The suspended solids concentration shall nor exceed 100mg/l. The effluent shall at no time contain any matter that will cause the receiving watercourse to be poisonous or injurious to fish or the spawning ground, spawn or food of fish.

The site was operational at the time of the inspection.

Initial Discussion

This was my second compliance inspection of the site and I was familiar with the site operations and layout. As such no in-depth operating discussions were held. AH noted that no changes have been made to operations or techniques on site, with the majority of water is recycled for production purposes. The only change since the previous inspection is that water quality sampling is now carried out monthly. Due to the recent dry weather experienced AH stated that discharges have been rare and as a result some sample results have been taken from the silt buster rather than the discharge point. I requested records of the prior 12 months of sampling to ensure compliance with the permitted discharge composition. However, I ask that samples taken from the listed sample point and the silt buster are clearly differentiated from each other. This is actioned below.

We proceeded to inspect the site infrastructure.

Site Infrastructure Observations

General site conditions were observed and noted to be very dry with no active movement water onsite at the time of the inspection. There were some wet patches present but AH confirmed that this was due to routine wash down undertaken near the water tanks. I raised no concerns. These conditions can be seen in Figure 1.



Figure 1 – Site conditions as observed during the inspection.

Due to dry conditions and operations not taking place during the inspection, the site drainage channels were not transporting water. However, on closer inspection it was clear that the channels presented some build up of deposited sediments, as seen in Figure 2. While not excessive to where flow would bypass the channels and flow offsite, I noted an advisory comment to AH to undertake a clear out of the channels when practicable.



Figure 2 – The drainage channel as observed during the inspection.

The settlement pits were observed and as on previous inspections operate on a sequential 3 pit system and assisted by the provision of a silt buster. AH confirmed that the silt buster does not includes the dosing of flocculants, and only assist settlement through mechanical means. Silt buster treated effluent discharges to the filter bed and then progresses through settlement pit 1 and into the final settlement pit prior to discharge. The condition of the pits was satisfactory at the time of the inspection however there was no discharge at the time of the inspection so the quality of the effluent was difficult to assess. As stated above, water

quality samples have been requested as evidence of compliance. The condition of the settlement pits can be seen in Figure 3.



Figure 3 – The settlement pits as observed during the inspection.

The sample and discharge points have not changed since previous inspections. While the official discharge point is listed to be located at SO11901286 to Nant Trefil, this has been continually inaccessible. However there is no condition to stipulate access to the discharge point, only access to the sample point. As seen in Figure 4, the sample point is accessible and compliant with the site plan. No concerns raised.



Figure 4 – The discharge and sample point as observed during the inspection.

Finally, the drainage ditch to which flows are discharged was checked at ~SO1212413026 and found to be running dry and free of sediment build up, as seen in Figure 5. There was some sediment deposits on the right hand side of the road leading up to the site entrance. While not a major concern, I advised that when a road sweeper is next on site AH should action to clear the build up as good practice.



Figure 5 – The drainage ditch as observed during the inspection.

No further observations were made during this inspection.

Final Discussion

I outlined my observations to AH and highlighted the one action for requested sampling

information. No further observations were made and AH had no further questions or comments.

I left site at 14:00.

Breaches of permit condition

No breaches of permit conditions were recorded during this inspection. Please see actions list below.

Actions required by dates specified

1. Provide sampling records for the 12 months prior to this site inspection as evidence of effluent quality.

Deadline: 25/10/2026

If we do not receive the information requested within specified deadline and have not been informed as to why there is a delay then we may serve a Regulation 60 Notice requiring the information under Environmental Permitting (England and Wales) Regulations 2016.

Other advisory comments

1. Ensure on site drainage channels are cleared of excess sediment build up.
2. When next on site, I advise that a road sweeper address the build up of sediment on the right hand side of the road leading up to the site entrance.

Contact details

If you have any queries regarding this CAR form or to provide an update on any actions above, please contact me using the following details: Elis Nuttall, Environment Officer, elis.nuttall@naturalresourceswales.gov.uk, 03000 65 4651.

Thank you,

Elis Nuttall.

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 to 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
C1 Major	Potential to have a major, serious, persistent and/or extensive impact or effect on the environment, people and/or property
C2 Significant	Potential to have a significant impact or effect on the environment, people and/or property
C3 Minor	Potential to have a minor or minimal impact or effect on the environment, people and/or property
C4 No environmental impact	Non-compliance at a regulated site that cannot foreseeably have any impact on the environment, people and/or property

Full list of water quality action criteria (used in section 1 and 2):

WQ A: Management

- WQ-A1 General management

WQ B: Operations

- WQ-B1 Permitted activities
- WQ-B2 The site
- WQ-B3 Operating techniques
- WQ-B4 Improvement programme
- WQ-B5 Pre-operational conditions

WQ C: Emissions and monitoring

- WQ-C1 Emissions to water
- WQ-C2 Emissions to land
- WQ-C3 Emissions of substances not controlled by emission limits
- WQ-C4 Monitoring
- WQ-C5 Installation of monitoring boreholes

WQ D: Information

- WQ-D1 Records
- WQ-D2 Reporting
- WQ-D3 Notifications

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.