

Date: 19/09/2025

Your Ref: PAN-030176  
Our Ref: Taffs Well Quarry

**Kayleigh Miles**

Water Resources Permitting Officer  
Natural Resources Wales  
Government Offices  
Cathays Park  
King Edward VII Avenue  
Cardiff  
CF10 3NQ

Dear Kayleigh,

**Subject: Taffs Well – Abstraction Licence Variation**

I am writing in response to your letter dated 16/09/2025 which was received via email requesting additional information in support of water abstraction licence variation application. Please find responses to your queries below, I have addressed these in the order that you presented them.

Supporting Documentation

Documents referenced in the application have been attached to this letter, these include the following:

- GES-03 Water Management Standard
- Breedon Trading Ltd ISO14001 Certificate exp Aug 27

Quarry Depth

Planning condition 29 of planning permission no. 3040 was discharged and a Groundwater Protection scheme was approved and fully implemented. I have attached a letter from the MPA confirming discharge of the planning condition.

The quarry depth is currently at 35 mAOD, I have attached a current water management plan showing the current depth of working.

Groundwater Monitoring

Groundwater monitoring is carried out on a monthly basis at six locations in and around the quarry. The monitoring location plan is enclosed together with NGRs of the monitoring points.

Groundwater level monitoring data is included in a spreadsheet together with hydrographs for each monitoring point. The monitoring points are linked to cessation of pumping if groundwater levels reached 30mAOD trigger levels in BH2 and BH4. The data is provided to the MPA after every 5 years as required under planning condition 39.



Metering

Condition 7 of abstraction licence no. WA/057/0025/0015 requires separate flowmeters for dewatering transfer and for dust suppression purposes. The two flowmeters are in place and these are measuring separate abstraction volumes for each purpose. The location of the flowmeters are shown on the attached Water Management Plan for the site, drawing no. 2025\_05\_19\_T08\_002.

If NRW require any further information from Breedon, please get in touch.

Yours sincerely,

A handwritten signature in purple ink, appearing to read "Tenant Sibanda".

**Tenant Sibanda**  
Principal Hydrogeologist

cc S Foster, Breedon Trading Limited  
G Warrington, Breedon Trading Limited

Enc. GES-03 Water Management Standard  
Breedon Trading Ltd ISO14001 Certificate exp Aug 27  
MPA letter: Discharge of Planning Condition 29  
Water Management Plan\_Drawing No. 2025\_05\_19\_T08\_002  
Taffs Well Quarry: Monitoring Location Plan  
Taffs Well Quarry Water Level Report: June 2012 to August 2025 (Excel Spreadsheet)

**Environmental Standard: Water Management****1. PURPOSE & SCOPE – *What is this Standard for?***

- 1.1. To ensure that water abstraction, use and discharge is managed in a compliant, efficient and sustainable manner
- 1.2. This Standard applies to all sites or equipment that is governed by a permit or licence, issued by the Environment Agency, SEPA, Natural Resources Wales, or other statutory body

**2. RESPONSIBILITIES – *Who does this standard affect?***

- 2.1. The Site Manager is responsible for ensuring that all environmental monitoring and reporting requirements are met
- 2.2. The Audit Manager is responsible for ensuring that audits are carried out of site activities and associated records
- 2.3. The Environmental Permitting Manager is responsible for ensuring that all licence applications are progressed with the regulator

**3. DEFINITIONS & GLOSSARY – *What do the various terms mean?***

- 3.1. N/A

**4. STANDARD REQUIREMENTS – *What do I have to do and how do I do it?*****4.1. General**

- 4.1.1. All sites should have a water management plan, to include all sources of water, all drainage and lagoon systems, and any abstraction or discharge points clearly marked.
- 4.1.2. Where a licence, or registration is required, the Environment Permitting Manager should apply to the regulator
- 4.1.3. Licences must be saved electronically; any printed copies are uncontrolled
- 4.1.4. Where internet connectivity is poor on site, or where some staff do not have access to electronic files, hard copies must be accessible on site
- 4.1.5. If a regulating authority visits site, they must be given access to licences or registrations upon request
- 4.1.6. Monthly water usage and discharge at each site shall be recorded onto the Assure sustainability monitoring module.

4.1.7. Water usage at each site / area of operation will be monitored and reviewed on a regular basis in order to identify means of reducing water consumption or improving efficiencies.

#### 4.2. **Abstraction**

4.2.1. All sites that abstract water from a watercourse or borehole must record the volume that is abstracted.

4.2.2. If sites propose to abstract more than 20m<sup>3</sup> per day, an abstraction licence is required and should be applied for by the Environmental Permitting Manager.

4.2.3. All appropriate details of the licence should be summarised on an evaluation sheet, including National Grid Reference of abstraction point, volume and any other limits

4.2.4. Positive evidence of compliance with conditions of the licence should be recorded. Where possible, abstraction volumes should be monitored via water meter reads, but other means of calculating water consumption may include:

- Concrete production volumes, with monthly production and average quantity of water used per cube to work out daily / monthly / annual abstraction rates
- Capacity of pumps and hours of operation
- Volume of bowsers or storage tanks filled

4.2.5. For sites with an active abstraction licence, site management are required to complete annual returns to the regulator as per the requirements described in the licence conditions.

#### 4.3. **Discharge**

4.3.1. All sites that discharge water into a watercourse or drainage system must hold a discharge licence, environmental permit or trade effluent consent as applicable.

4.3.2. All appropriate details of the licence should be summarised on an evaluation sheet, including National Grid Reference of discharge point, and any condition limit, for example volume, suspended solids, pH, BOD, COD

4.3.3. Where a discharge point is in place, a safe sampling location, e.g. platform, must be available, and appropriate RAMS should be in place. Where required by regulating authority, the sampling location should be signposted

4.3.4. Should a sample be taken by a regulating authority, a duplicate sample should be taken by site where possible for comparison

4.3.5. Positive evidence of compliance with conditions of the license should be recorded, where applicable, using the following guidelines

Description	Monitoring Requirement
Volume	Discharge flow meter, where possible. Alternative means of monitoring can be agreed locally
Suspended Solids	Lab results must be available of water tests, at a minimum frequency of 3 months, or more frequently if required by site license-. Water testing may be reduced should alternative local arrangements be in place for visual inspections

pH	Lab results must be available of water tests, at a minimum frequency of 3 months, or more frequently if required by site license-. Water testing may be conducted by site staff with appropriately calibrated equipment
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#### 4.4. **Equipment**

- 4.4.1. Flow meters - Any meter used for quantifying licence conditions must be calibrated at least annually and maintained
- 4.4.2. pH meters (where applicable). These should be calibrated
- 4.4.3. Turbidity tubes - These should be maintained and cleaned as required, and replaced if damaged

#### 4.5. **Training and Authorisation**

- 4.5.1. All relevant staff who have responsibilities and authority for activities controlled by the site permit must have appropriate training to cover those activities, the management of incidents, and the implications of failing to conform
- 4.5.2. All staff should have records detailing their roles, responsibilities and authorities in relation to permit requirements

### 5. **DOCUMENTS & RECORDS – *What forms & paperwork do I use?***

- Abstraction / Discharge licences
- Training records
- Relevant reports and checksheets
- Assure – Sustainability Monitoring
- Job descriptions / Responsibilities summaries etc

### 6. **RELATED INFORMATION – *What else should I know about?***

- n/a

### 7. **REVISION NOTES – *What's new in this version?***

Section	Version	Detail and reason for change	Date
All	1.0	This document is new and should be read in full	March 2021

# Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

Breedon Trading Ltd.  
Head Office  
Breedon on the Hill  
Derby  
DE73 8AP  
United Kingdom



Holds Certificate Number:

EMS 61458

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

**The production and supply of aggregates. The extraction, processing and supply of sand and gravel. The production and supply of bituminous mixtures and coated chippings for roads and other paved areas and associated civil engineering works. Production and supply of ready mixed concrete and concrete products, including blocks. Production and supply of mortars and screeds. Laying of bituminous surfacing and the proprietary thin surfacing of roads (machine laying or hand laying).**

For and on behalf of BSI:

\_\_\_\_\_  
Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 2002-01-02

Effective Date: 2024-08-22

Latest Revision Date: 2024-08-21

Expiry Date: 2027-08-21

Page: 1 of 37



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Certificate No: EMS 61458

Location	Registered Activities
Bredon Trading Ltd Taffs Well Quarry Tynant Road Morganstown Cardiff CF15 8LW United Kingdom	The production and supply of aggregates.
Bredon Trading Ltd. Tamworth Concrete 30 Mica Close Ammington Industrial Estate Tamworth B77 4DR United Kingdom	Ready mixed concrete production.
Bredon Trading Ltd Tattershall Quarry Woodhall Spa Road Old Airfield Conningsby LN4 4JT United Kingdom	The production and supply of aggregates.
Bredon Trading Ltd Temple Quarry Guildie Howe Road Middleton Midlothian EH45 8QZ United Kingdom	The production and supply of aggregates.
Bredon Trading Ltd. Theale Depot Wigmore Lane Theale Reading RG7 5HH United Kingdom	The production and supply of ready mix concrete.

Original Registration Date: 2002-01-02

Latest Revision Date: 2024-08-21

Effective Date: 2024-08-22

Expiry Date: 2027-08-21

Page: 32 of 37

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#).

Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory)

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000  
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A Member of the BSI Group of Companies.

Our Ref : **16/02483/MJR**  
Your Ref :

Date / Dyddiad: 17/05/2017

Please ask for: Stuart Williams 029 223 30981

Mr Shaun Denny  
Wolverhampton Road  
Olbury  
Warley  
West Midlands  
B69 4RJ

Dear Mr Shaun Denny

**Application No: 16/02483/MJR**

**Proposal: DISCHARGE OF CONDITION 29 (HYDRO GEOLOGICAL ASSESSMENT) OF PLANNING PERMISSIONS 3040 AND T56/90/0867**

**Location: CEMEX UK MATERIALS LTD TAFFS WELL QUARRY, HEOL GOCH, PENTYRCH, CARDIFF, CF15 9PN**

I refer to the above application.

Your application received on 17th October 2017 as amended by your letter dated 12th April 2017 with the following document:

Document

Taffs Well Quarry: Hydrogeological Impact Assessment, dated February 2016 (Report Reference: ST1282\_TS\_040216)

are approved in discharge of condition 29 of planning permission numbers 3040 and T56/90/0867.

The applicant is reminded that part e) of condition 29 requires the scheme to be reviewed at intervals of not more than five years.

Yours faithfully



**James Clemence**  
**HEAD OF PLANNING**

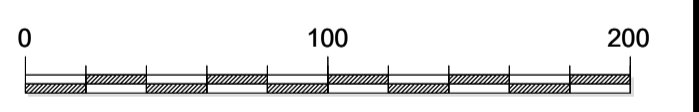
**PLEASE REPLY TO:** Development Management, Strategic Planning, Highways and Traffic & Transportation, County Hall, Cardiff, CF10 4UW (e-mail:

*Approved Document*  
*Decision Reference -3040 AND T56/90/0867 - Condition 29 Hydro 16/02483/MJR*  
*Date Approved - 17/05/2017*

c:\users\caroline.wardle\onedrive - breedon group\documents\2025 caw working files\water management plans\t08 taffs well\2025\_05\_19\_t08\_002\_a- water management plan.dwg



- Legend**
- Site Water Gravity Flow (Dotted)
  - Site Water Pumped Flow (Solid)
  - Silty Water Gravity Flow (Dotted)
  - Silty Water Pumped Flow (Solid)
  - Flow Meter
  - Valve
  - Valve
  - Run Off
  - Discharge Point
  - Water Meter
  - Clean Water
  - Silty Water



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### Taffs Well Quarry Water Management Plan

Drawn by: TS/caw  
Date: 19\_05\_2025  
Scale @ A1 - 1:2500

Drawing No: 2025\_05\_19\_T08\_002  
Revision: A

Taffs Well Quarry: Monitoring Location Plan

