



## Non-Technical Summary

## Minffordd Quarry Aggregate Recycling

## Breedon Trading Ltd.

Document Reference: 361/6—R1.2 – NTS



Minerals  
Waste  
Environment

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## **1.0 Introduction**

- 1.1 This document forms a Non-Technical Summary in support of an application for a Bespoke Permit at Breedon Trading Ltd. at Minffordd Quarry, Penrhyndeudraeth, Porthmadog, LL48 6HP ('The Site').
- 1.2 The proposals are for a Bespoke Permit for the storage, treatment and recycling of excavation and inert waste.

## **2.0 Application Overview**

- 2.1 The application includes this Non-Technical Summary, a summary / permit application version of the Environmental Management System (EMS), the relevant application forms, associated plans, a Dust and Emissions Management Plan (DEMP), a Site Condition Report (SCR), an Environmental Risk Assessment (ERA), and a Noise Impact Assessment (NIA).
- 2.2 It is intended to import, treat and recycle aggregates in addition to the current operations at Minffordd Quarry. As part of the circular economy Breedon are dedicated to expanding their recycling activities within the aggregates industry. This Permit will be utilised to recycle aggregate waste from the Snowdonia VIP project and nearby commercial operations.

## **3.0 Site Operations**

- 3.1 The Site will receive and treat tunnelling waste material (excavation waste) from the nearby Eryri (Snowdonia) Visual Impact project (VIP). The VIP project aims to reduce the visual impact of the National Grid's overhead line across the Dwyryd Estuary from Minffordd to Llandecwyn. In addition, waste from

local construction and demolition projects would be accepted at The Site.

3.2 The permit application is both to complement the VIP project, and, to expand Breedon's abilities as a company to recycle and treat aggregates from construction waste and asphalt planings.

3.3 The excavated tunnel material will consist mainly of Ordovician siltstones and mudstones, with some overlying quaternary glacial/fluvioglacial gravels. The material will be accepted at Minffordd provided it complies as inert excavation waste and the approved waste codes, meeting the Waste Acceptance Criteria and Procedures. Wastes from other sources would consist of inert construction and demolition wastes.

3.4 Treatment of the waste will be via crushing, screening and sorting.

3.5 The Site will have a maximum throughput of approximately 100,000 tonnes per annum, which will include a maximum of 25,000 tonnes of material stored at any one time on site.

#### **4.0 Operational Controls**

4.1 The Site would be operated to ISO 14001 standard under an Environmental Management System (EMS), which would be continuously monitored and updated in-line with the Natural Resource Wales' current / future guidance to reflect any changes to the operations at The Site.

4.2 The EMS will be strictly adhered to with Waste Acceptance Procedures being tightly controlled. Training on any updates to The Site's operations will be carried out and recorded, and any future changes would be reflected in re-

training and / or refresher courses where required.

## 5.0 Conclusions

- 5.1 This application is for a Bespoke Permit for the storage, treatment and recycling of excavation and inert waste from the Eryri Visual Impact Project and local construction and demolition wastes.
- 5.2 Minffordd Quarry is bounded on all sides by the Ysbyty Bron y Garth SSSI. The SSSI lies approximately 30m to the South and 0.4km to the North of the permit boundary.
- 5.3 The materials to be treated and stored are inert in nature.