

Northern Welsh Recycling Ltd

STANDARD RULES PERMIT APPLICATION (SR2010-NO12)

SUPPORTING DOCUMENTATION

Llechwedd Quarry | Waste Transfer Station | April 2017

DOCUMENT REF: NWR 004

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1. INTRODUCTION

1.1 Background

This supporting documentation has been prepared to accompany a permit application in respect of a proposal to establish an Inert Waste Transfer Station at Blaenau Ffestiniog.

1.2 Location

The proposed location is a current operational slate quarry, namely Llechwedd. The site is accessed from the A470 on the northern outskirts of Blaenau Ffestiniog and sits centrally within a 700acre industrial slate quarry.

1.3 The Proposed Development

The proposed scheme is to develop a Waste Transfer Station to accept and process Inert Waste by means of utilizing screens and crushers to process soils and rubble to provide 'quality accredited' recycled products for local construction and landscaping projects. The main aggregate types produced at the facility will typically include

- Granular Sub Base (GSB) types 1 and 2
- 6F2 General fill
- Clean graded pipe bedding material in varying sizes from 10mm up to 40mm

Many screens and crushers already operate within the quarry, sometimes inefficiently due to operational issues associated with slate quarrying; this proposal will make use of many of those plant items and help maximize efficiencies within the quarry helping to safeguard local employment. This proposal will likely create additional employment for 4 persons on a full time basis.

The site location is shown in Appendix 1 and includes the proposed footprint and application boundary of the site along with a detailed site layout showing:

Site infrastructure including office / welfare and weighbridge facilities

Waste reception areas

Waste processing areas

Finished product storage areas

1.4 Key Elements

The site's overall character and appearance would see very little change.

The proposed development will be centrally located within a large current operational slate quarry and will not change the character of the site, it is best suited to this location as it is away from residential areas or other existing sensitive uses.

The development is very well screened away from public highway and the nearest residential dwellings is in the order of 1200metres away.

Well-equipped welfare facilities are already established on site. Refer to drawings in Appendix 1 for detail. These facilities would serve the newly appointed staff at the Waste Transfer site.

The site is considered capable of receiving more throughput tonnage than is applied for within this proposal; the site layout, internal routes and excellent trunk road link makes this site more than adequate to receive 75,000 tonnes per annum of waste inert materials for processing.

The main waste types accepted on site will include materials from construction and demolition, civil engineering and landscaping projects; namely:

Concrete, bricks, tiles, ceramics, road base type products, road plainings, soil, sand, stones, wood, glass, plastic.

It is anticipated that no more than 30,000 tonnes of waste materials will be stored within the site boundary at any given time.

All stockpiles within the site boundary will be limited to a height of no more than 5 meters high, this includes waste materials awaiting processing and finished product.

The site Traffic Management Plan has been assessed and the site layout considered adequate to deal with the additional traffic movements resulting from this development. Refer to Appendix 2 for detailed Traffic Statement.

The site will be operated and managed in accordance with its Environmental Management System (EMS) The EMS sets out how the site will be operated, its main purpose to control site activities and protect the environment while adopting industry good practices. The EMS includes strict protocols and procedures for receipt, storage and processing of waste products. In summary, waste materials will arrive on site by prior arrangement and initial checks undertaken about the waste carrier at the weighbridge reception area, all waste materials will be accompanied by a Duty of Care Waste Transfer Note ensuring no unauthorised materials are brought on to site. Upon unloading, waste materials are inspected by site staff and any discrepancies highlighted verbally to the driver and by two way radio to the weighbridge operator. Only qualified staff will operate machinery, specific training on operating procedures will be followed by site staff, namely how to:

- Comply with the site Environmental Permit
- Follow site rules
- Accept waste onto site
- Re-fuel plant and vehicles safely
- Deal with Spillages
- Deal with non-compliant wastes
- Deal with accidents
- Controlling dust

In terms of the site's hours of operation, these will be in line with conventional working hours as follows:

0700-1800 Monday to Friday
0700-1300 Saturdays

4. The Applicant

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