



Cefn Graianog Quarry – Bespoke Permit Application Waste Acceptance Criteria

Client: TG Group

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[1] Introduction

[1.1] Report Objectives

This Waste Acceptance Criteria (WAC) report has been prepared by Ayesa on behalf of TG Group (the Operator) in support of a new bespoke permit application for a proposed soil recycling / recovery activity in an area within Cefn Graianog Quarry located in Llanllfni, Caernarfon, North Wales, LL54 6SY.

This report describes the waste acceptance procedures for the proposed soil recycling / recovery which will also be detailed within the sites Environmental Management System (EMS).

[1.2] Structure of Application and Accompanying Details

Section 2 of this report details the waste acceptance protocol (structured characterisation, compliance testing and verification) and the waste types to be accepted.

[2] Waste Acceptance

[2.1] Waste Acceptance Procedures

Waste acceptance will be a structured hierarchy with appropriate points of control for the identification and validation of suitable wastes for disposal or recovery at the site. This is summarised as follows:

- Level 1. Basic characterisation through pre-submission of an appropriate waste classification (European Waste Catalogue (EWC) codes, site investigations etc);
- Level 2. Compliance testing; and
- Level 3. On-site verification.

Each stage in the proposed waste acceptance scheme is detailed further below.

[2.1.1] Level 1: Waste Characterisation

The EWC code of wastes will be checked against any relevant available data provided (e.g. waste description, waste source or chemical testing) to confirm that the waste coding is correct, it can be accepted under the permit and it is suitable for the proposed activities. The waste enquiry procedure requires the following information, where available and applicable, to be gathered from any potential waste load prior to acceptance:

- Details of the waste producer including their organisation name, address and contact details;
- Source and origin of the waste (including full site address);
- Volume of the material to be deposited;
- Information on the process producing the waste (description and characteristics of raw materials and products);
- If the waste has gone through some treatment, then a full description of the waste treatment applied;
- A description of the waste;

- Code according to the EWC;
- Appearance of the waste (smell, colour, physical form); and
- Data on the composition and chemical properties of the waste. The Operator will ensure the analysis provided for any material is sufficient for a hazardous waste assessment, which will be undertaken in accordance with the Waste Framework Directive, relevant National Resources Wales (NRW) guidance¹ and the WRAP Quality Protocol for Aggregates from Inert Waste.

This data will be reviewed by a suitably qualified person to ensure that all sampling is representative of the source of the waste and an appraisal of the composition, including the likelihood of hazardous properties, will be undertaken.

Wastes will only be accepted at the site if they fall within the limited types of wastes permitted in the EWC code list set out in the site permit and then only to that particular permitted activity.

If the composition of a waste stream subsequently changes, the Operator will stop the importation of the material and request additional / new information to enable them to carry out basic waste characterisation again.

Where the results of basic waste characterisation show a waste stream is not acceptable at the site, the customer will be informed, and the waste will not be accepted.

A copy of the site investigation report, analytical test data and any other relevant documentation relating to a waste stream that has been accepted, is kept on file and can be made available for inspection by NRW if requested.

[2.1.2] Level 2: Compliance Testing

If the Operator has a regularly arising waste stream from the same source, checks are carried out to ensure that the waste streams are unchanged and continue to comply with the results of the basic characterisation, the acceptance criteria for the site, and its permit requirements.

The Operator always ensure that the site investigation information, provided as part of the basic waste characterisation, is fully representative of all material proposed for import at the site. Any additional information requested is kept on file and can be made available for inspection by the Agency if requested.

[2.1.3] Level 3: On-site Verification

Assuming the initial checks have been completed to the satisfaction of the site management / chemist, the weighbridge operator will be the next point of control prior to deposit of wastes in the site.

Each load arriving at the site will be subject to a Level 3 Verification. This constitutes, where appropriate, two visual inspections, by site office personnel prior to deposit of the waste and by the operative at the place of deposit. Given that loads may arrive at the site in wagons with sheeted bodies, an inspection at the weighbridge may be impractical. In such instances, verification of the load at the point of receipt will be limited to checking the accompanying Duty of Care documentation, with a visual inspection being carried out by the operative at the place of deposit.

The information to be recorded in respect of each load will be where appropriate:

¹ [Waste classification technical guidance - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/publications/waste-classification-technical-guidance)

- Pre-treatment details;
- Waste type;
- Date;
- Time;
- Customer name;
- Vehicle registration number and type;
- Ticket number; and
- Carriers registration number.

[2.1.4] Rejection Procedures

In the event that any load or part load is found, prior to its deposit, to be outside those permitted at the site it will be rejected from the site.

Loads which are found to be potentially unsuitable after deposit will be referred to the site manager for action. This could include rejection of further loads from the source, isolation and removal of the waste materials and restrictions on futures waste inputs from the producer.

In each instance, the Technically Competent Manager or nominated deputy will issue a Load Rejection Form to the waste producer or carrier.

In such circumstances where a waste load is rejected, the NRW will be notified and a record kept in the site diary of:

- nature and quantity of waste load;
- name and address of waste producer / waste carrier;
- waste carrier registration number;
- vehicle registration number; and
- date and time of load rejection.

All rejected loads will be accompanied by the correct documentation.

[2.1.5] Site Records

Copies of all records required in accordance with the permit are maintained and kept on file and can be made available for inspection by NRW if required.

All waste transfer notes will be kept on file for a minimum of two years. Waste transfer notes can be made available during this period for inspection by NRW if required.

[3] Waste Types to be Processed

TG Group has advised that the proposed waste will consist of inert material primarily arising from dredging, excavation and demolition activities will be physically treated to produce a non-waste aggregate in accordance with the WRAP quality protocol.

The waste types are proposed to include:

- Waste soil, sands, clay, gravel and crushed rock;
- Concrete, excavated road surfaces, bricks, tiles and ceramics; and,
- Dredging spoil.

The proposed waste types to be accepted are detailed in Table 1 below.

Table 1 **Table 1: Waste Types Proposed for the Soil Recycling / Recovery Activity**

EWC Code	Description
01	Wastes Resulting from Exploration, Mining, Quarrying, and Physical and Chemical Treatment of Chemicals
01 04	Wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	Waste sand and clays
17	Construction and Demolition Waste (including Excavated Soil from Contaminated Sites)
17 01	Concrete, Bricks, Tiles and Ceramics
17 01 01	Concrete
17 01 02	Bricks
17 01 03	Tiles and Ceramics
17 01 07	Mixtures of Concrete, Bricks, Tiles and Ceramics other than those mentioned in 17 01 06.
17 03	Bituminous mixtures, coal tar and tarred products
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 05 06	Dredging spoil other than those mentioned in 17 05 05
20	Municipal Wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones

[4] Summary

The application proposes to dry process inert waste primarily arising from dredging, excavation and demolition activities to produce a non-waste aggregate in accordance with the WRAP quality protocol. Waste Acceptance Criteria will accord with WM3 guidance and the requirements of the WRAP quality protocol.

Only the selected inert wastes as listed in Table 1 above will be accepted at the site for processing.

Waste Acceptance Procedures outlined in this report in addition to the site's EMS will ensure that wastes are acceptable for recycling / recovery at the site.