

Notice of request for more information

Environmental Permitting (England and
Wales) Regulations 2010

Notice requiring further information

To: Mr. Keri Davies
Wernheulog
Llanfareddd
Builth Wells
Powys
LD2 3TE

Copy sent via email to Mr Andy Morris – Enviroarm Limited:
enviroarm@btconnect.com

Application number: EPR/LB3193HC/A001

Natural Resources Wales, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit, dated **01/08/2014**.

The information requested should be sent to the following address by **26th May 2015**

Information should be sent to:

Ella Williams
Permitting Service (Cardiff)
Natural Resources Wales
Cambria House
29 Newport Road
Cardiff
CF24 0TP

Email: ella.williams@cyfoethnaturiolcymru.gov.uk

Name	Date
Ella Williams	11/05/2015

Authorised on behalf of Natural Resources Wales

Schedule

This is written in reference to the Waste Recovery Plan Ref: ARM/WWRP/4.00/2015 submitted 20th April 2015.

The primary reason given for the intended benefit is slope stability, with the view to convert a barn into a holiday let at the base of quarries. A secondary benefit has been given as bringing those areas to be infilled back into agricultural use as sheep grazing.

1. Factors of Safety

Factors of safety used have been obtained using theoretical data using values in the Department of the Environment "Handbook on the Design of Taps and Related Structures" and based on the guidance Stability of "Landfill Lining Systems: Report No. 2 Guidance - R&D Technical Report P1-385/TR2"

The minimum factor of safety for the development has been proposed as 1.5 for long term stability, with a calculated factor of safety coming out at just over 2.5, due to the theoretical cautious values used.

The guidance you have quoted has stated a factor of safety of 1.5 as the maximum required for the intended primary benefit you have given. We have consulted with a Geotechnical Engineer at Natural Resources Wales, and we have considered anything over 1.5 as over and above what would be required to stabilise the slopes, and therefore would be classed as a disposal activity rather than a recovery. Furthermore, the stability analysis provided does not appear to require the quarries to be filled to capacity.

a) Please clarify if it is a long term factor of safety of 1.5 or 2.5 that will be used

2. Quarry 2

There is no slope stability model for Quarry 2, although a cross section has been provided. This quarry also appears to be at such a distance from the barn conversion that it is unlikely that we would consider this a reason to stabilise the slopes.

b) Please make clear the primary benefit of the use of waste in construction for Quarry 2, and as appropriate, provide evidence that this benefit is required.

Ffôn/Tel 0300 065 3154

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Permitting Service (Cardiff), Natural Resources Wales, Cambria House, 29 Newport Road, Cardiff. CF24 0TP

Gwefan/Website www.cyfoethnaturiolcymru.gov.uk

www.naturalresourceswales.gov.uk

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg

Correspondence welcomed in Welsh and English