

**Notice of request for more information**

Environmental Permitting (England and  
Wales) Regulations 2016

## Notice requiring further information

**To:**

Company Secretary  
Pencefn Feeds Limited  
Pencefn Drysgol  
Tregaron  
Ceredigion  
SY25 6NH

**Application number: PAN-001582**

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, duly made on 26/05/2017.

The information requested should be sent to the following address by **09:00 on 26 October 2017**.

**Information should be sent to:** [louise.bailey@cyfoethnaturiolcymru.gov.uk](mailto:louise.bailey@cyfoethnaturiolcymru.gov.uk)

Name	Date
<b>Louise Bailey</b>	<b>05 October 2017</b>

Authorised on behalf of Natural Resources Wales

## Schedule

To be sure that all conditions of the standard rules permit applied for can be met we need confirmation that permit condition 3.2.3 can be complied with:

“All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise leakage and spillage from the primary container.”

This was requested in the 1<sup>st</sup> Schedule 5 notice sent 25/08/2017. To demonstrate compliance; clay testing results were submitted 30/08/17, and photograph and the bund design plan were submitted 15/09/17.

The permeability results submitted demonstrate a low permeability can be achieved with the clay material. These test results alone however do not confirm that once constructed, the bund will meet this permeability. Nor does is guarantee that the structure is stable or fit for purpose.

[How to comply with your environmental permit](#) states (on page 30) that bunds must:

- be impermeable and resistant to the stored materials
- have no outlet (no drains or taps) and drain to a blind collection point
- have pipework routed within bunded areas with no penetration of contained surfaces
- be designed to catch leaks from tanks or fittings
- have a capacity greater than 110 percent of the largest tank or 25 percent of the total tankage, whichever is the larger. When you calculate, this do not use the design capacity of the tank or tanks, instead use the maximum physical capacity of the tank or tanks – assuming it is/they are over-filled to the point of spillage
- be looked at regularly and any contents removed after checking for contamination
- be fitted with a high-level probe and an alarm, where not frequently inspected
- have tanker connection points within the bund where possible (otherwise adequate containment should be provided at the connection point)
- be regularly inspected for their condition (normally visual, but extending to hydraulic testing where structural integrity is in doubt).

There are a number of best practice guidance documents available that can be referred to which outline what is required to ensure a structure such as this is fit for purpose, for example:

- CIRIA 164 Design of containment systems for the prevention of water pollution from industrial incidents
- Soil Suitability and Testing for Earth Lined Slurry Lagoons, Environment Agency, 2011
- CIRIA 126 Farm Waste Storage: Guidelines for Construction

Ffôn: 0300 065 4213

[louise.bailey@cyfoethnaturiolcymru.gov.uk](mailto:louise.bailey@cyfoethnaturiolcymru.gov.uk)

Gwasanaeth Trwyddedu, Cyfoeth Naturiol Cymru, Tŷ  
Cambria, 29 Heol Casnewydd, Caerdydd, CF24 0TP

[www.cyfoethnaturiolcymru.gov.uk](http://www.cyfoethnaturiolcymru.gov.uk)

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg

Tel: 0300 065 4213

[louise.bailey@naturalresourceswales.gov.uk](mailto:louise.bailey@naturalresourceswales.gov.uk)

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

[www.naturalresourceswales.gov.uk](http://www.naturalresourceswales.gov.uk)

Correspondence welcomed in Welsh and English

Without a specific design, stability risk assessment or construction / installation methodology, we are unable to confirm that the bund is fit for purpose, and therefore confirm compliance with the permit condition 3.2.3.

**Action:**

We need you to confirm that permit condition 3.2.3 can be complied with. To have confidence that the structure is fit for purpose, a Construction Quality Assurance (CQA) procedure should be adopted to confirm performance ability and stability of the containment structure. A CQA procedure ensures the design, risk assessment, installation and validation of the structure is documented and quality assured. This should be carried out by suitably qualified personnel.