

**Notice of request for more information**  
Environmental Permitting (England and Wales)  
Regulations 2016

## Notice requiring further information


To: The Company Secretary  
Pentwyn Road  
Nelson  
Treharris  
Mid Glamorgan  
CF46 6LY

Application number: PAN-002939

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 31<sup>st</sup> May 2018. The information requested should be sent to the following address by the 23<sup>rd</sup> April 2019.

Information should be sent to:

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

Name	Date
	26/03/19

Saul White, Senior Permitting Officer  
Authorised on behalf of Natural Resources Wales

Ffôn/Tel 03000653344  
Ebost/Email saul.white@cyfoethnaturiolcymru.gov.uk  
saul.white@naturalresourceswales.gov.uk

Trwyddedu Gwasanaeth, Cyfoeth Naturiol Cymru, Tŷ Cambria, 29 Heol Casnewydd, Caerdydd. CF24 0TP  
Permitting Service, Natural Resources Wales, Cambria House, 29 Newport Road, Cardiff. CF24 0TP

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

Croesewir gohebiaeth yn y Gymraeg a'r Saesneg  
Correspondence welcomed in Welsh and English



## Schedule

Further information is required in relation to your Application.

1. Please provide clarification on the capacity of the 'liquid return well' located near the concrete digester tanks. In addition, please provide clarification on the capacity of catchment pit in the new AAD area.
2. Please provide a full drainage plan/schematic to clearly show the effluent pathway and entry point into the "liquid return well" (and the one at the new AAD area), in addition please show how the effluent then gets to the primary distribution chamber.
3. With regards to the yard area in front of digesters, in particular the sludge unloading area, please provide clarification on how this area drains and whether these areas drain to the "liquid return well".
4. In section 2.6.2.3 you state that; *'The AAD site will be covered in impermeable surfacing in order to contain any spillages and prevent mobilisation into the underlying groundwater. Site access roads will be built with kerbing to channel any surface spillages into the drainage network and prevent adjacent areas from being inundated.'* During our recent site visit and on the site surfacing plan A.5 the area in front of the AD tanks is not an impermeable surface and is un-made ground, please provide further information on how you will prevent any spillages from the digester tanks contaminating the soil and underlying groundwater.
5. During the recent site visit, staining was witnessed on one of the digesters indicating a leak at some stage. It is known that foaming occurs in AD tanks, please provide additional justification for the controls you have in place to prevent a repeat of this and that any spillage would go to the sealed drainage system and not to ground.
6. The two catchment pits from the AD and AAD are pumped to the "Primary Distribution Chamber" before entering the WwTW. From the recent site visit it was stated that once the liquid is pumped from the catchment pits it cannot be held back and enters the works and that the effluent from the AD and AAD plants would not enter the storm tanks. Therefore, please review the recent responses from Anita Manns (email 04/03/19 and 21/02/19) in relation to this subject which says something slightly different, in that the storm system provides additional attenuation and storage capacity in the event of a storm situation and the WwTW being full, and that the effluent can be recirculated.
7. During the recent site visit, it was mentioned that the concrete AD tanks had recently been emptied and inspected for structural integrity, please provide the engineers report showing the tanks are structurally sound and provide the expected lifetime of the tanks.
8. On the submitted site plan to the right of emission point A8 (digester tank), there is another tank outside of the Installation boundary, please confirm whether this tank is part of the AAD operations and if so please re-submit the site plan to include this.
9. The area where the 'liquid return well' is located is not included within the Installation boundary on the submitted site plan, please amend the site plan to include this area.

**End of Schedule**