

## Cerys Jones

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**From:** Sharon Holman  
**Sent:** 03 May 2022 12:21  
**To:** Cerys Jones  
**Subject:** FW: Updated foul drainage details planning application P/2021/0640 - Caravan site - land between Holly Cottage and Chapel Farm, Whitewell  
**Attachments:** 719-21 Foul Discharge - Treatment Plant to Soakaway 02.pdf; 719-21 Soakaway Test Results Holes 5 & 6.pdf; 719-21 Soakaway Test Results Holes 3 & 4 (1).pdf; 719-21 FW Calculations 04.pdf; 719-21-01 Site Survey-Scale 1-200 A1 (2).pdf; 719-22 Foul British Water Loadings for Sewage Treatment Systems 01.pdf; 719-21-30 Drainage Construction Details-A2 (1).pdf; 719-21-15c Drainage-Scale 1-200 A1.pdf

Cerys,

Please could you put the attached plans and the email below on civica and index all as drainage report. Please then send a 14 day consultation letter to NRW – Amended plans received

Thanks  
Sharon

**From:** Tim Williams <tim.williams@gpsltd.co.uk>  
**Sent:** 03 May 2022 10:41 AM  
**To:** Sharon Holman <Sharon.Holman@wrexham.gov.uk>  
**Cc:** Prichard, Ruth <Ruth.Prichard@cyfoethnaturiolcymru.gov.uk>  
**Subject:** Updated foul drainage details planning application P/2021/0640 - Caravan site - land between Holly Cottage and Chapel Farm, Whitewell

Dear Sharon, further to recent correspondence in relation to the above, I reported to you that following NRW's concerns that the soakaway testing done so far resulted in ground that was slightly too porous, further testing has been done in a slightly different area within the site by the applicant and this has produced a higher VP reading of 15.2 which is in the range of 15-100 that NRW work to.

Notwithstanding this, as originally presented thus far, the maximum daily discharge rate is greater than 2 cubic metres (m<sup>3</sup>), and as such the proposal could not be screened out and further consideration is needed for the LPA to carry out an Appropriate Assessment under Regulation 63 of the Conservation of Habitats and Species Regulations 2017. This is despite the drainage field being located more than 40m from any surface water feature such as a river, stream, ditch or drain, and the drainage field also being located more than 50m from a SAC boundary.

However, our drainage consultant has realised that his initial Calculation of Wastewater Flows included in the check calculation both the number of persons as well as the number of caravans, whereas it should have just been the number of persons. He noted this whilst checking the Foul British Water Loadings for Sewage Treatment Systems from the British Water Code of Practice. This means in a revised calculation the discharge is now 1.6m<sup>3</sup>/day and therefore below the 2.0m<sup>3</sup>/day threshold and thus the

drainage scheme for this application should now be able to be screened out from the need for an Appropriate Assessment.

As this was a check calculation it did not affect the eventual discharge calculation and size of the drainage field. Attached a revised Calculation of Wastewater Flows from a Treatment Plant to a Soakaway, together with Foul British Water Loadings for Sewage Treatment Systems. In fact to make things easier I am attaching all the drainage documents so they are in one place, including the aforementioned revised soakaway details.

As you can see I have copied Ruth Pritchard into this email but I assume you will still need to undertake the formalities of consulting NRW.

Kind regards,

Tim Williams  
For and on behalf of  
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