

From: Cathryn Hughes <Cathryn.Hughes@wrexham.gov.uk>
Sent: 09 November 2023 13:55
To: Matthew Phillips <Matthew.Phillips@wrexham.gov.uk>
Subject: RE: P/2022/0241 Land North and South of Rossett Road

Hi Matthew,

I have no further comment as Mr Andrew has answered the outstanding queries that I had regarding post-construction adoption. If Welsh Water are happy, the Flood and Water Management Team have no further objections.

Kind regards,

Cathryn Hughes
Swyddog Llifogydd Dros Dro
Temporary Flood Officer

BSc (Hons) Earth and Environmental Science, MSc Sustainable Water Management.



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From: Cathryn Hughes <Cathryn.Hughes@wrexham.gov.uk>
Sent: 25 October 2023 16:17
To: Matthew Phillips <Matthew.Phillips@wrexham.gov.uk>
Cc: Kevin Edwards <Kevin.Edwards@wrexham.gov.uk>; JamesM Davies <JamesM.Davies@wrexham.gov.uk>
Subject: RE: P/2022/0241 - Land North and South of Rossett Road Rossett

Hi Matthew,

Pumps are always an interesting one. Have Castle Green submitted anything in the way of a failure place for this? Due to the recent floods I unfortunately haven't been able to take another look at the drainage strategy.

I do not think that there is potential for the sewages to contaminate the surface water system directly as hinted at in the attached letter and as mentioned in your email. This is because the most recent SAB submission has replaced the surface water basin with a crated system which water should not be able to enter from above. However, contamination risk might occur if the sewerage pump failed and the resulting flood found its way to the ditch at the top of the site where the surface water will be discharged. This system travels up to a pond off Darland Lane where any potential contamination would likely be most evident.

I believe that my strongest concern would be where that water goes if the pump fails. If it were to gather in the top corner of the site, it appear from the SAB drawings that this would sit above the level of the existing properties. Therefore, a potential flow path is into the existing properties. The only way that this could be prevented is holding the water above the attenuation tanks which would not be pleasant. However, if the surface water tanks, which are quite shallow, popped out, this may cause contamination.

It is also my understanding (happy to be corrected) that Welsh Water would not immediately adopt the system. If the pump fails, the flood would have to be taken away by tankers. Can Castle Green provide this service before adoption or do they have access to a company that can provide this service?

Sorry for what is perhaps more questions than answers.

Kind regards,

Cathryn Hughes
Swyddog Llifogydd Dros Dro
Temporary Flood Officer

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