

YWA

Western Way

Halifax Road

Bradford

BD6 2SZ

Sent to: Jonathan Piatka
: Peter Galightly
15/04.

Dear Sir,

Proposed Brookfield Housing Development, Hampsthwaite, Harrogate

The Hampsthwaite Parish Council are extremely concerned with a number of issues associated with the above proposed development. The Parish Council have made representations to the relevant Planning Department and have been advised to make contact with the YWA who are ultimately responsible for the proposed and existing drainage within Hampsthwaite.

Below are listed a number of questions we would like answering before any further approvals to the scheme are given.

1. What is the capacity of each downstream leg of the surface water outfall sewer into which David Wilson Homes (DWH) intends to outfall down to the eventual discharge point. Each leg between manholes requires checking as each leg may have a different gradient, be picking up more water and also be of a different diameter therefore have a different capacity.
2. What is the current spare capacity of each downstream leg to outfall. That is prior to DWH completion.
3. What is the design discharge from DWH site. What storm intensity was used in the design i.e. 1 in 100-year storm. What percentage impermeable area was used in the calculations.
4. What is the spare capacity of the downstream surface water sewer for each leg, after the design discharge from DWH site.
5. Where is the spring water going to be discharged. How much spring water has been designed for? Is there spare capacity in each downstream leg of the surface water sewer to the point of discharge to cater for the spring water, which will increase in rainy conditions.
6. What is the downstream capacity of all watercourses which may be affected by DWH site. Do these watercourse flood now under current storm conditions? Please submit all details of water course flooding's for the past three years in Hampsthwaite, the rain fall intensity at the time and any actions taken.

The stream into which DWH will discharge has recently flooded causing damage to the footpath and also Mr Binn's field of newly planted corn. When the river Nidd is in flood then the stream backs up and this will inhibit the free discharge of the outfall sewer. The result is that the capacity of the surface water sewer will be reduced causing water to back up and flood at its

weakest point. Has this been taken into consideration in the design.

7. Please list the instances of flooding of the foul system in Hampsthwaite over the last three years, stating location, rainfall intensity and actions taken.
8. Please list the number of times the pumping station in St Thomas A Beckett Walk has failed, the rain fall intensity at the time and the actions taken.
9. Please detail what is going to be done to alleviate the pumping station problem when more foul sewage is added to the system and it rains.
10. Pleases detail all additional proposed schemes which will be added from all sources to the pumping station.
11. Please list the existing storm water overflows in Hampsthwaite and detail how often they have worked over the past three years, how often they are inspected and any actions taken. Please also say roughly how old they are and their design.
12. Are you aware that there is already clear evidence of foul sewage entering Cockhill Beck. What plans do you have to ensure that foul sewage does not enter into Cockhill Beck following the Brookfield development caused by a hydraulically overloaded foul and surface water system.
13. How is the site drainage going to be connected into the surface water sewers.
14. We are aware that a discharge Consent is required by the developer. Has this been granted and what conditions apply. Can they discharge heavily silted water to the existing sewers and who is responsible for ensuring the existing sewers are kept silt free.
15. Can you assure the Parish Council and residents of Brookfield estate that flooding will not take place as a result of the proposed development.
16. What method will be used to clean out the balancing tank and how often will it be inspected.
17. I refer to the Developers drawing number 14/614/7104F. Can you please fully explain the three comments in blue and confirm if this drawing has been passed by YWA for use.

I look forward to your early reply to the above questions and would then hope to arrange a meeting between ourselves and YWA to discuss the implications of further proposed developments and how the YWA will deal with the increased hydraulic load on already overloaded sewers, pumping station and rising main.

Yours faithfully

Mr D Collet

Chairman Hampsthwaite Parish Council