



YorkshireWater

Yorkshire Water Services
Developer Services
Pre-Development Team

Head of Planning and Transportation
Service
Barnsley Metropolitan Borough Council
PO Box 604
Barnsley
S70 9FE



For telephone enquiries ring:



Your Ref: 2021/1090

Our Ref: X018531

2nd November 2021

Dear Sir/Madam,

**Land south of Barugh Green Road and east of Higham Common Road,
Barnsley.(Application 1) - Hybrid application for residential development for 1,760
dwellings comprising: a) Full planning permission for: earthworks to create
development platforms; strategic drainage ponds and associated drainage
infrastructure; construction of a new link road; location of strategic landscaping and
ecological areas; demolition of existing buildings; works to Hermit Lane; and erection of
Phase 1 residential development comprising 229 dwellings b) Outline planning
permission for: Residential development comprising 1,531 dwellings; new primary
school; small shops and community facilities; and associated infrastructure works**

Thank you for consulting Yorkshire Water regarding the above proposed development. We have the following comments:

If planning permission is to be granted, the following conditions should be attached in order to protect the local aquatic environment and Yorkshire Water infrastructure:



No piped discharge of surface water from the application site shall take place until works to provide a satisfactory outfall, other than the existing local public sewerage, for surface water have been completed in accordance with details submitted to and approved by the Local Planning Authority.

(To ensure that the site is properly drained and in order to prevent overloading, surface water is not discharged to the public sewer network)

No development shall take place until details of the proposed means of disposal of foul water drainage for the whole site, including details of any balancing works, off-site works and phasing of the necessary infrastructure, have been submitted to and approved by the Local Planning Authority. Furthermore, unless otherwise approved in writing by the Local Planning Authority, no buildings shall be occupied or brought into use prior to completion of the approved foul drainage works.

(To ensure that no foul water discharges take place until proper provision has been made for their disposal)

Development shall not commence on any phase of the development until a scheme to ensure that on-site and off-site works to ensure an adequate water supply for the development, that will not cause detriment to existing properties within the area, has been submitted to and approved in writing by the Local Planning Authority. The approved scheme shall be fully implemented in accordance with the timing and phasing arrangements embodied within the scheme and the number of properties to be protected within that phase, or within any other period or number of properties as may subsequently be agreed in writing, by the Local Planning Authority.

(In the interest of public health and to protect the strategic water supply)



Waste Water

1) The submitted Drainage Impact Assessment prepared by JPG (dated 24 May 2021) is acceptable. In summary, the report states that:

- a) foul water will discharge to the 600 mm diameter public combined sewer in Barugh Green Road. (NOTE: The public sewer network does not have capacity to accept the total development discharge and, as such, Yorkshire Water is responsible for the provision of additional capacity within the sewer network to accommodate the total development discharge);
- b) sub-soil conditions do not support the use of soakaways; and
- c) surface water will discharge to the watercourses crossing the site, subject to LLFA requirements.

2) Development of the site should take place with separate systems for foul and surface water drainage. The separate systems should extend to the points of discharge to be agreed.

The public sewer network does not have adequate capacity available to accommodate the anticipated foul water discharge from this proposal. Foul water will discharge to the 600 mm diameter public combined sewer in Barugh Green Road. Yorkshire Water is responsible for the provision of additional capacity within the sewer network to accommodate the total development discharge.

From the information supplied, it is not possible to determine if the whole site will drain by gravity to the public sewer network. If the site, or part of it, will not drain by gravity, then it is likely that a sewage pumping station will be required to facilitate connection to the public sewer network. If sewage pumping is required, the peak pumped foul water discharge must not exceed a rate to be agreed with Yorkshire Water dependant upon the volume of pumping required.

NOTE: Foul water from kitchens and/or food preparation areas of any restaurants and/or canteens etc. must pass through a fat and grease trap of adequate design before any discharge to the public sewer network.



3) Yorkshire Water promote the surface water disposal hierarchy and the developer must provide evidence to demonstrate that surface water disposal via infiltration or watercourse are not reasonably practical before considering any disposal to the public sewer. It is noted from the submitted planning application that surface water is proposed to be drained to watercourse, which we fully support.

The developer and LPA are strongly advised to seek comments on surface water disposal from other drainage bodies as further restrictions may be imposed.

As surface water from the site is not proposed to discharge to the public sewer network, no assessment of the capacity of the public sewers to receive surface water has been undertaken. Should the surface water disposal proposals change, further consultation with Yorkshire Water will be required.

Notes For The Developer

i) If the developer is looking to have new sewers included in a sewer adoption agreement with Yorkshire Water (under Section 104 of the Water Industry Act 1991), he should contact our Developer Services Team (telephone 03451 208 482, email: technical.sewerage@yorkshirewater.co.uk) at the earliest opportunity. Sewers intended for adoption should be designed and constructed in accordance with the WRc publication 'Codes for Adoption - a design and construction guide for developers' as supplemented by Yorkshire Water's requirements.

Water Supply

1) Based on the submitted "Illustrative Master Plan 2021189", the site is a large development area with significant development and demand. A large feeder / spine main will be required, with the northern and southern supplies to be linked (from the proposed Northern R/bout to the Southern R/bout).

A suitable hydraulic assessment needs to be undertaken to ensure that the needs of the developed site can be met. Significant off site laying/mains reinforcement may be required.



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NOTE: The northern and southern roundabouts will require clean water apparatus to be diverted to facilitate the new traffic islands that are proposed.

Yours faithfully



Pre-Development Technician
Developer Services

