Planning Application – GRP Kiosk

Design & Access Statement

Site Address : Wombwell WwTW, Ings Road, Wombwell, Barnsley, S73 0BP
MMB Ref No. : G406
Scheme : Flood Reinstatement

During the floods of June 2007 Wombwell WwTW was extensively flooded by the River Dearne and its tributaries. Three electrical control panels on site were flooded to an extent that they now need to be replaced. These panels are located in two existing brick buildings on site, however it is proposed to site the replacement panels in two new GRP kiosks, as it is not deemed suitable to reinstate them in the existing locations, due to the following :

- On the basis of a health and safety, technical and economic assessments, it is more effective to locate the new panels off-line in a new control building, allowing switch-over operations from existing panels to new panels in a safer and controlled manner.
- The operation of the works will be less disrupted by installing the new panels off-line in a new kiosk.
- Difficulties in providing future flood protection to the existing buildings
- New Inlet Works kiosk will be located at a finished floor level of 26.500m *AOD* . The maximum flood level recorded during the June 2007 floods (designated as a 1 in 150 year flood event) was 25.100m AOD.
- New ASP inlet kiosk will be located at a finished floor level of 25.100m AOD.

In terms of access provision, the level of vehicular access required and anticipated traffic movements to and from the works via Hague Lane, will be not be affected by this application.

Wombwell WwTW
Planning Application – GRP Kiosks

Flood Risk Assessment Form for Minor Developments

For domestic extensions within flood zone 2/3
For Industrial/commercial extensions (less than 250m²) within flood zone 2/3

Information

- I have enclosed the Flood risk location map taken from Environment Agency website (www.environment-agency.gov.uk)
  Yes ✓ No

- Are there any rivers, streams, canals, ditches or similar water bodies near the development site, please list .....
  - Bulling Dike, a tributary of the River Dearne runs along the southern boundary of Wombwell WwTW

- Has the area got any history of flooding (either telephone Environment Agency or local knowledge would be acceptable). .....
  - The maximum flood level recorded during the June 2007 floods (designated as a 1 in 150 year flood event) was 25.100m AOD. The finished floor level of the new kiosks will to be set at 25.100m AOD as a minimum.

Minimum Requirements

EITHER *(Tick box)*

- Floor levels within the proposed development will be set no lower than existing floor levels, ☑

AND

- Flood proofing of the proposed development has been considered by the applicant and measures incorporated where appropriate. (Please give details on separate sheet) ☑

OR

- Floor levels within the extension will be set 300mm above the known or modelled 1 in 100 year (annual probability 1% chance) river flood level. This must be demonstrated by a plan to showing finished floor levels relative to the known or modelled flood level. ☐

Signature

Signed [signature] MOTT MACDONALD BENTLEY On behalf of YORKSHIRE WATER.

Date 21/7/08

Environment Agency

Flooding

Enter postcode or place name:

Wombwell, Barnsley

Search

Overview map:

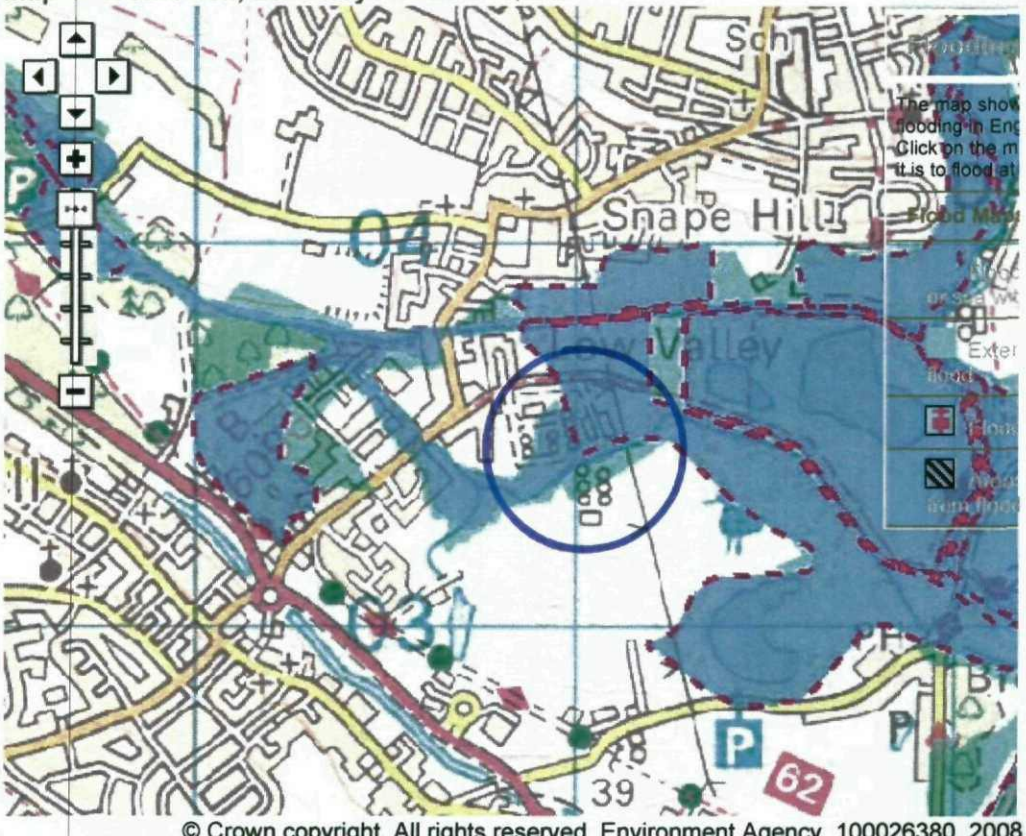


Other topics for this area...

- River Quality
- Drinking Water
- Coastal Waters
- Flooding
- Environment Agency Offices
- Waste
- Water Framework Directive
- Flood Warning
- Air Pollution
- Pollution

Map of Wombwell, Barnsley at scale 1:20,000

Map Legend



© Crown copyright. All rights reserved. Environment Agency, 100026380, 2008

view text version of all results

See also:

Understanding the flood map
A more detailed explaination to help you understand the flood map shown above.

Current flood warnings
We provide flood warnings online 24 hours a day. Find out the current flood warning status in your local area.

Sign up to our flood warning service
We can't always stop rivers from flooding, but we can tell you when it's going to happen. Our free service provides flood warnings direct to you by telephone, mobile, fax or pager.

Flood risk and home insurance
I am in a floodplain, will this affect my insurance?

Flood map - your questions answered
Answers to commonly asked questions about the flood map.