Planning Application – Digestion MCC 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. The existing Sludge Digestion electrical control panel was flooded to an extent that it needs to be replaced. It was intended to site the new panel within the existing sludge digestion building, however due to the size of the new panel this cannot be achieved. It is therefore proposed to site the replacement panel in a new GRP kiosk, for the following reasons:

- 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
- 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 MCC 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.