

**Consultation Response from KC,
Lead Local Flood Authority**
2021/94344 Former North Bierley Waste Water Treatment Works, Oakenshaw, BD12 7ET

Discharge conditions 8 (Construction Environmental Management Plan), 24 (Surface Water Drainage) and 26 (Construction Surface Water Drainage) on (phase 4 of) previous permission 2016/92298 for outline application for re-development of former waste water treatment works following demolition of existing structures to provide employment uses (use classes B1(c), B2 and B8)

Date Responded: 23/06/2022
Responding Officer: Martin Stephenson
Responding Ref: 1
Previous response by the LLFA

Dated 24 Dec 2021 for application 2021/94344

Discharge of Drainage Conditions

- No. 26 (Surface Water Drainage)

Documents reviewed by the LLFA:

Curtins:

- Document Ref: 065646-CUR-00-ZZ-DC-C-9, Storm Network, dated 23/04/2021
- Drawing Ref: 078796-CUR-ZZ-ZZ-DR-C-92001, Unit 1&2 Drainage Layout Sheet 1, Revision P01 dated 23/04/2021
- Drawing Ref: 078796-CUR-ZZ-ZZ-DR-C-04921, Unit 1&2 Drainage Masterplan, Revision P01 dated 16/04/2021

Drainage Summary:

Drawing Ref: 078796-CUR-ZZ-ZZ-DR-C-92001 does not show the full extent of the drainage – MHs SW1.01, SW1.02 & SW2.01 are not shown on the plan but are included in the calculations. It is assumed the arrangement of these MHs is the same as shown on Drawing Ref: 078796-CUR-ZZ-ZZ-DR-C-04921.

The location of gullies serving car parking spaces and hardstanding areas are not shown for both units – these should be shown to drain to pipes discharging through the oil separators to prevent pollution of the nearby Hunsworth Beck.

The calculations indicate an attenuation storage structure 1.5m deep and 776.2m² in area, which is assumed to be the Private Attenuation Basin for Units 1 and 2 shown on Drawing Ref: 078796-CUR-ZZ-ZZ-DR-C-92001. However, the connection between the basin and the surface water drainage system to allow water into and out of the basin, is not indicated on the drawing.

Evidence regarding how the hydrobrake discharge rate has been determined – this should be the equivalent greenfield run-off rate. This calculation can be noted on the drawing.

The diameter of the pipe downstream of MH SW1.13 is 375mm which is smaller than the upstream one – this could increase the risk of blockages and it is therefore requested that the downstream diameter is increased to 525mm.

The LLFA therefore **cannot** discharge Condition 26 until a revised drawing/GFRO calculation is resubmitted for approval.