

**Consultation Response from KC,
Lead Local Flood Authority**

2024/92842 Land to North and South of, Crossley Lane, Dalton, Huddersfield, HD5 0QP

Discharge of details reserved by conditions 3 (drainage) and 4 (adoptable estate roads) of previous Reserved Matters approval 2020/90805 pursuant to outline permission 2015/90430 for erection of residential development comprising (Use Class C3) and incorporating associated new access (to Crossley Lane and Cold Royd Lane) and associated works (122 dwellings)

Date Responded: 27th April 2025

Responding Officer: Paul Farndale

Responding Ref: 2

Condition 3 – Drainage Details

Further information is required to support this application.

A plan and cross section of the tank has been supplied noting a volume of 702 sqm. Calculations currently show $1.8 \times 350 \text{ sqm} = 630$ cubic metres.

Although this is an underestimation, we are still to carry out checks from contributing areas. The information supplied for impermeable area plans shows an accumulative area contribution. Can an individual contributing area to each leg be demonstrated on the calculation outputs.

Although this application appears to be for phase 5, most other phases enter the site and therefore impermeable area plans for all relevant sites to the hydraulic calculations are required for completeness.

It is noted that the flow control device is large with of 1.51m. The double opening 1200 x 600mm cover is therefore inadequate should this need to be removed as part of maintenance and management of the surface water network.

Please show the configuration of manhole 21 with the orifice plate. Depth of water in the 1 in 1 in 30 and 1 in 100 +cc should be shown alongside calculations for the pass on flow at this height depth ratio.

Can a narrative be published for the surface water pump station, i.e. design criteria and outputs and how this complies with industry standards.

We do not recommend that this condition be discharged at this moment in time.