

From: Laura Gibbons
Sent: 14 March 2019 12:36
To: Michael Eastham; Planning.Responses
Subject: WA/95/18/RES

Engineers Comments Regarding Surface Water Drainage

Groundwater Monitoring and Infiltration Testing

Groundwater monitoring was completed January 2017- April 2017 and further monitoring is currently being undertaken with monitoring starting in December 2018. Monitoring will continue until the end of the month. However, given groundwater data across the district I do not anticipate that ground water levels will increase beyond peaks already observed and I therefore believe the surface water drainage design adequately takes account of groundwater.

Further infiltration testing has been completed in the winter and in accordance with BRE365 at the proposed locations of infiltrating basins. I therefore, believe adequate information is available to finalise the surface water drainage design in the near future.

Surface Water Drainage Design

Surface water will be disposed of via infiltration; this is in line with the hierarchy for sustainable drainage. The surface water drainage design has not been finalised. However, dialogue is ongoing with the applicant's drainage engineer and the majority of the design has been resolved. Sufficient detail has been provided to allow me to have a large degree of confidence that there is adequate space within the proposed layout to facilitate surface water drainage.

Footpath Proposals onto Tye Lane

The layout proposes a new link on to Tye Lane, this proposal requires a short section of ordinary watercourse to be culverted. Preliminary designs have been provided for this. Although there are points outstanding regarding the design I am confident that ordinary watercourse consent will be obtainable in due course.

Summary

In summary, I have no objection to the proposed layout. The exact details of the surface water drainage design are to be agreed via discharge of conditions application. Please ensure that no detailed drainage plans are listed as approved under this application.

Regards,

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Engineer (Drainage & Coastal)

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