

[Development and Corporate Landlord]

HEAD OF SERVICE: **[ANDREW BUSBY]**



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Dear Ben

P24 S1498 FUL – Flood Risk and Drainage

The following information has been reviewed:

Flood Risk Assessment

Recommendation: Holding Objection

Flood Risk

In general the Flood Risk Assessment confirms that the proposed scheme is at low risk of flooding from fluvial and surface water sources. Detailed site investigation indicates that groundwater was identified at 3.18m and 4.95m below ground level and that strata is of sands and gravels. We would have no particular concerns in relation to flood risk.

Drainage Strategy

The drainage strategy rules out infiltration given concerns around pollution should firewater runoff become contaminated during the unlikely event of a fire. The strategy presented is therefore attenuation-based with storage in gravel compound blankets and an outfall to a watercourse.

The strategy references a series of swales or interception channels down gradient of the battery storage units with a storage capacity of 250m³. This should be clearly shown on the drainage strategy drawing.

The outfall to a watercourse appears to be located on the opposite side of the railway to the site. Further detail is needed on this to include levels, means and agreement to install a connection under the railway and confirmation that the applicant has rights to connect surface water to this watercourse. As this is shown to be outside of the site boundary, confirmation of connection rights and ability to make this connection are required before drainage conditions can be considered.

I trust the above is of assistance, if you have any queries, please do not hesitate to contact me.

Yours sincerely

David Bell
Senior Flood Risk Engineer
Vale of White Horse District Council