

Ellingham Consulting Ltd

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FLOOD RISK STATEMENT HZ LOGISTICS LTD, WASHWAY ROAD, HOLBEACH

This Flood Risk Statement has been prepared to describe the level of flood risk at the site and to demonstrate the proposed development will be safe for its lifetime.

Site Location	HZ Logistics UK Ltd, Washway Road, Holbeach, Lincs, PE12 7PE
Proposed Development	New yard and security lighting.
Flood Risk Vulnerability	Less Vulnerable
Drainage / Watercourses	The site is within the Luttons Leam catchment of the South Holland IDB district. The Wash tidal defences along the Holbeach Marsh frontage are 8.9km from the site. The River Nene tidal defences are 10.4km to the east and the River Welland tidal defence 9.3km to the north west.
Topography	The site is flat with ground levels between +2.9m OD and +3.1m OD.
Flood Zone	Flood Zone 3.
Surface Water Risk	Apart from isolated pockets with a low risk the risk of surface water flooding the risk of surface water flooding is very low.
Fluvial Flood Risk	The site is not at risk, the River Nene and River Welland defences provide protection during the 1% AEP event with climate change.
Tidal Flood Risk	Due to the defences the site is not at risk during the 0.5% annual probability tidal event with climate change.
Tidal Breach	The site is at risk during a tidal breach. In 2115 the maximum flood depth is between 0.5m and 1.0m and the hazard rating is Danger for Most.
Flood Warning Area	Far extent of Tidal Flooding from the Wash and Tidal Estuaries.

Considering the development consists of a new yard and security lighting there are no specific mitigation measures proposed associated with the risk of flooding to the site.

The developer should ensure that the user of the site is aware of the risk of flooding. The Environment Agency operates a flood warning system for areas at risk of flooding to enable householders to protect life or take actions to manage the effect of flooding on property. The user of the site should register to receive flood warnings.

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