

Honey Lodge, Sea End, Benington, Lincs, PE22 0DN

Proposed Installation of an SD3 KW3 Wind Turbine

Flood Risk Assessment

This Flood Risk Assessment has been prepared in connection with the proposed installation of an SD3 KW3 wind turbine at the above address.

Zoning

The site is in the Environment Agency's 'Low' risk of flood category – Easting: 540828, Northing: 345784

Rivers and Sea

The Environment Agency's data confirms that the chance of flooding each year is 0.1% and 1% each year.

Surface Water

Very Low Risk

Reservoirs and Groundwater

Flooding from reservoirs is unlikely in this area. Flooding from groundwater is unlikely in this area.

Effect on Development

It is proposed that the wind turbine is protected from flood risk by ensuring that the foundations are adequate and adhere to the guidance provided by the manufacturer. Additionally, the electrical connections will be at no less than the height of existing connections to the property to which the wind turbine is connected.

The development will neither create additional surface water runoff nor reduce it and the existing drainage ditches in the area that take water away from the site will not be affected by the works.