

This in-house flood risk assessment covers the proposed development of a pump track near to Edisford Bridge Picnic area. The attached map shows the entire pump track site is outside of both Flood Zones 2 and 3. This shows that the track is not at risk of fluvial flooding in the event of the river's water level rises above the limits of its banks.

The track has its own drainage system to manage the stormwater. It has been designed to take the stormwater away from the asphalt surface of the track into a series of grass attenuation basins with inlets for overland flow into a network of culverts leading to 4.8m³ of subsurface infiltration storage meaning that runoff is contained within the site and will not discharge into the River Ribble.

Because the facility sits outside of the flood zones, there are no obstructions to flow routes within the flood zone nor will it not affect the floodplain storage within the flood zone.

The proposed development is classified as water-compatible development and is appropriate considering that it is outside of Flood Zones 2 and 3. The Exception Test is therefore not required.

The Surface Water Flood Risk of the development is very low, as shown by the plans below. There is a 1 in 1000 annual likelihood of 150mm of flooding around a small portion of the southern end of the site. In this very low likelihood extreme weather event the impact of 150mm of standing water is insignificant and therefore the development is appropriate in this location.



