10 Bankside, The Watermark, Gateshead,
Tyne & Wear, NE11 9SY

T: 0191 461 9770 F: 0191 460 3028

www.portlandconsulting.co.uk
info@portlandconsulting.co.uk

West Bolden
South Tyneside

## Drainage Strategy Statement

The drainage systems proposed on this development will be designed to take into consideration the requirements of South Tyneside Council's (STC) Local Flood Risk Management Strategy, whilst complying with Northumbrian Water's (NWL) requirements.

## Surface Water

The surface water flows from the proposed development are to be restricted to the current Greenfield runoff rates from the site and discharge into the existing NWL sewer.

These rates and point of connection are to be agreed with STC LLFA.

- All volumes will be stored in the attenuation crates. This will be designed to allow for the predicted changes in rainfall due to climate change – this allowance should be 40% in line with current guidance.
- Permeable paved drives to be considered on drives that fall towards the road, to provide a pollutant removal mechanism to ensure protection is provided to the downstream water course.

## Foul Water

The foul water will be designed to connect to the existing 300dia NWL combined sewer as indicated on the drainage strategy drawing.

The discharge rate and point of connection has been agreed to 5l/s.