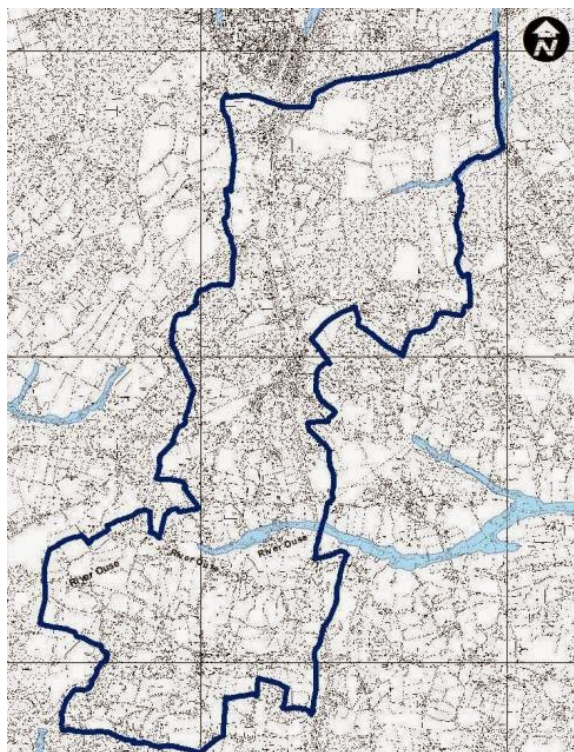


## Water



Map of Slaugham Parish Showing Flood Zone 2

Only significant body of water in the Parish is the start of the Ouse at Slaugham and the associated mill/furnace ponds.

This stretch of river is classified by the Environment Agency as a zone 2 Flood Zone, with a very low risk of flooding from the actual river, a medium to high risk of flooding from surface water and it would be on the outer reaches of flooding if Ardingly reservoir was to overflow

There is currently a water related project which affects some residents of Slaugham Parish. Because of flood risk to Crawley and Horley, the environment agency proposed four flood storage reservoirs, one of which is 'Clay's Lake' at the bottom of Parish Lane in Pease Pottage. The project was initiated in August 2014. The work will involve many lorries travelling back and forth over Parish Lane on a daily basis. This has been a major cause for concern for the residents of Parish Lane.

### **Key issues for Water Supply**

The Parish forms part of Mid Sussex authority in the South East of England and is in an area classified by the Environment Agency as water-stressed. There is currently insufficient water available to meet demand forecast in the South East Water (SEW) area, without implementation of a number of demand management and water efficiency measures, along with numerous new water resource options, which are set out in SEW Water Resources Management Plan 2014.

This plan and water efficiency measures that will be implemented, along with numerous new water resource options, is essential to ensure that forecast demand for water will be met.

## Soil

Slaugham parish is situated on part of the Wealden Group of soils which are predominantly clay over sandstone so making the soils heavy and prone to water retaining properties. This leads to the agricultural classification of the soil as 3-4 in this area with 3 being Good to Moderate with 4 being Poor.

The Parish also has large areas of woodland again resulting in the soil being of less historic agricultural use. With the change in modern agricultural methods Slaugham now has a more extensive range of pasture, with increasing areas being used for arable production.