

LIDSEY FOUL WATER CATCHMENT AREA STATEMENT

FOR 88, BILSHAM ROAD, YAPTON. BN18 0JY

Introduction:-

The proposal falls within the Lidsey Foul Water Treatment Catchment Area.

Proposal:-

The proposal is for the removal of an existing conservatory and erection of a single storey extension.

The existing property is already connected to the foul water sewer so no new connection will be required to serve the proposal's installations.

As part of the building work existing foul drainage pipes are to be replaced with plastic pipes to eliminate the possible infiltration of ground water into the foul drainage system so consistent with Southern Water's Policy.

As the proposal does not include any additional sanitaryware, sinks or other waste water discharging appliances there is no material increase in foul water into the Public Sewer and therefore to the Lidsey WwTw catchment.

Surface Water:-

No stormwater connections will be made to the foul water system.

Surface water presently discharges into the permeable gravel drive and extensive grass areas with no surface water discharging on to the Highway.

The present conservatory roof area is 13.76 sq. metres. The proposal's roof area is 16.77 sq. metres therefore there is only a small increase of 3.01 sq. metres of roof area.

Surface water collected on site will be discharged into soakaways to Building Regulations Approved Document H3 - Paragraphs 3.23 to 3.30 requirements of 1 cubic metre of volume below invert of pipe per 20 sq. metres of serving roof area and constructed of GEO lined cellular crates.

The existing and proposed situation addresses the principal historic cause of foul flooding within the Lidsey Catchment identified by the Council and Southern Water - namely by ensuring that surface water is managed at source and not allowing surface water or groundwater entering the foul drainage system.

Flood Risk and Water Quality:-

The Environment Agency's Flood Map for Planning confirms that the site lies with Flood Zones 2 and 3.

A separate Flood Risk Assessment has been submitted as part of the application.

The proposal does not lie within 20 metres of a watercourse and that the proposal deals with surface water on site and will not increase flood risk elsewhere.

Given the small increase in roof area [3.01 sq. metres] and with the majority of the site covered with permeable surfaces the water quality of local watercourses is not at risk.

Conclusion:-

The proposal does not increase foul waste flow into the Public Sewer.

All underground pipework will not be infiltrated by ground water.

Surface water has been managed to an acceptable level.

Water quality will not be compromised.

The proposal is considered satisfactory in addressing the Council's Lidsey Drainage Impact Assessment requirement.