

LIDSEY FOUL WATER CATCHMENT AREA STATEMENT

FOR 15, EAST AVE., MIDDLETON-ON-SEA. PO22 6EG.

Introduction:-

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

Proposal:-

The proposal is for a detached family garden room.

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

The existing foul drainage pipes are in good condition given the young age of the property with plastic drainage pipes to be laid for the connection to the existing layout to eliminate the possible infiltration of ground water into the foul drainage system so consistent with Southern Water's Policy.

The proposal includes the provision of a W.C. and wash hand basin providing a minimal 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 an extensive grass area of approximately 2,000 sq. metres with no surface water discharging on to the Highway.

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 Risk Zones 1.

Reference to the Government website confirms that the site is assessed as a 'very low' risk to flooding including the years 2040 to 2060. The site is also outside the groundwater flood alert area.

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 run-off from the proposal is dealt with soakaways and with the majority of the site covered with excellent permeable surfaces the water quality of local watercourses is not at risk.

Conclusion:-

The proposal provides a minimal increase to the 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 therefore considered satisfactory in addressing the Council's Lidsey Drainage Impact Assessment requirement.