

## **FLOODING UPDATE**

### **Surface Water**

The meeting was attended by two representatives of the Lead Local Flood Authority (LLFA), one from Highways, one from Anglian Water, the Parish Clerk and a councillor.

#### **South Green/Welborne Road**

An update on work in this area was given by Highways, considerable progress, there was no evidence of flooding and little standing water, has been made but further work needs to be undertaken.

Parts of the surface water drainage system which had been overlooked in the past had been relocated and returned to functionality. Some ditches still required work, where this was Highways responsibility this would be undertaken in the near future, for private ditches the landowner would be requested to carry out the work; the culvert across the road junction was blocked and this would be investigated and rectified; there appeared to be a leak from the old AW works into the drainage system, again this would be investigated and rectified; ownership of the culvert fronting the properties in Welborne Rd was unclear, Highways are of the opinion that the type of installation indicated it was likely to be the responsibility of the property owners but this will be further investigated; the PC would write to the golf club to request the deepening of their ditches as this would reduce pressure on other parts of the network.

#### **High House Welgate**

The flooding here was caused by run-off from an adjacent field. There appeared to be a pond in the corner of the field that had fallen into disuse, this could be confirmed by reference to old maps. If this is the case the landowner would be requested to reinstate the pond and if possible connect it to the nearby ditch network.

#### **Old Hall Road/Dereham Road**

With the impending development of the Old Hall Road site it was felt that it would not be sensible to undertake any major work in this area as the problems here should be mitigated by the developer.

Some further isolated flooding issues nearby were also considered and measures to deal with the situation, most likely requesting landowners to undertake improvements, were discussed.

#### **Blind Lane**

#### **Welborne Xroad**

Although this is on the boundary/partly not in the parish it was flagged on the LLFA papers. The topography of the area results in water gathering at the crossroads, there are a couple of gulleys but it was not possible to confirm that these are connected to a surface water drainage network, it is possible that they are only soakaways. Highways would be asked to investigate.

## **Whitford Bridge end**

Improvements could be made here and the LLFA would progress these.

## **Burgh Lane**

This has no easy solution, there is no surface water drainage or ditch system or watercourse to which the water collecting here can be diverted.

## **Sewage/Anglian Water**

### **General**

AW is surveying the entire system, they have identified significant fat contamination which needs to be cleared. They will also be working to identify unauthorised surface water connections to the sewage system, which cause additional strain at times of high rainfall.

Where there is surface flooding this can enter the sewer system through inspection chambers/covers contributing to the overloading of the system. However, it was apparent that, even when these other problems are corrected, the pumping station etc. needs upgrading.

### **Dereham Road Mattishall News area**

Obviously the new development at Walnut Tree Fields could have some influence on problems in this area. Mitigation measures should be in place to ensure that surface water, which enters the watercourse which passes under the road at this point, is no worse than that which occurred before the development. However, this is a highly technical area and would require expert guidance to fully understand.

The sewer system is much easier to understand, the following paragraph is taken directly from the reports commissioned by Abel Homes.

*The pumped discharge rate of 5.0 l/s will have a detrimental impact of the local sewer network and increase off-site flood risk. Anglian Water have undertaken a modelling exercise and established suitable off-site reinforcement works to mitigate this risk. The predicted total capital scheme cost for the required off-site reinforcement works is £251,298 with an indicative developer contribution of £176,614 as a commuted sum payment.*

There seems to be no mention of this in BDC documents and it would have been the subject of a separate S106 agreement between the developer and AW.

## **Moorfields/Robert Key Drive**

These properties are at the end of the line so are the most susceptible to the results of any problems with the sewer system. AW is intending to put in a number of solutions which will go some way to alleviating the difficulties that are being experienced here, but these will only deal with the symptoms, the long term solution being the upgrade of the pumping station.

If the 35 properties at WTF were considered as likely to have a detrimental effect it is not unreasonable to assume the 50 at Old Hall Lane will do the same. It is also reasonable to assume that AW will be looking for a pro-rata contribution from the developer, approx £254k.

We, therefore, need AW to explain how they will utilise these funds to solve the problems that our residents are currently experiencing whilst also ensuring that they do not get worse in the meantime. Their estimates of households and population used when upgrading the system in 1986 would also be useful.