

5 Sep 18

UPDATE INFORMATION SHEET – SUTTON ON TRENT FLOODING EVENT 2 JUN 18

Actions Preceding the Event

1. In the year preceding this event the IDB had completed a programme of work to the dykes around the village to increase the protection to a 1:250 year standard. The only element of this work that was not completed before 2 June 2018, was the installation of a box culvert on Cuckstool dyke. Moreover, the IDB had conducted spraying operations to control the weedgrowth on Bulham Lane Drain and Cuckstool Dyke as per the annual maintenance programme in the week prior to this event.

Actions During the Event

2. The IDB had 3 personnel on site during the event. First person on site 2045 and stayed until around 0100. During the event, they ensured that the pump remained running and removed debris from the weedscreen to ensure the gravity outfall was also working efficiently.

Immediate Actions Post Event

3. The Board Foreman visited the site on 3 Jun 2018 and spoke with some residents as he went around and checked our systems. This was well received that someone had been on site the next day.

4. Once the flood water had receded the IDB were able to inspect Bulham Lane Drain and Cuckstool Dyke, finding two fence panels which were laid flat on the bank and a log to the rear of properties on Crow Park Avenue, these were removed.

5. The banks of Bulham Lane drain were flailed to allow drivers to see the extent of the bank. Main concern was that the drivers may think the verge was wider than it was and could fall into the dyke. There was no restriction to conveyance.

Medium term actions

6. The IDB has completed all summer maintenance through the village.

7. NCC instructed Via to inspect all the highways drains in the village and are currently awaiting the formal report. However, verbal reports have highlighted that one of the main outfalls is approximately $\frac{3}{4}$ blocked with tree roots. NCC have asked Via for a cost to remove these ASAP.

8. The IDB has sought tenders for the removal of debris from Bulham Lane Drain from Marshall's yard to the railway culvert. Contract has been awarded to Westmoorland for completion by the middle of October 2018. The IDB are currently negotiating with network rail to ensure that this work will include the culvert under the railway. The IDB are trying to resolve through local contacts.

9. The deformed sandbag culvert adjoining the railway culvert has been removed and has been replaced by a 1800mm pipped culvert. The pipe was delivered on Thu (30 Aug) and installed on Fri (31 Aug). Final works are now being undertaken to complete the works.

Longer Term Actions

10. The modelling originally conducted by JBA is currently being updated and will be used to determine what rainfall could have caused the flooding seen and to suggest measures that could be used to prevent the water entering the village in the future. A flood storage reservoir, as suggested in the previous study, seems a likely solution that will be presented and current costs could then be determined for partnership funding should this indeed be the preferred option. This modelling is due to be completed by the end of

October 2018. The modelling will also include the information from the highways drains inspections if these are available within the required timescale.

11. The IDB is brought forward their plans for the refurbishment of Cuckstool Pumping Station. Work has already commenced and the weedscreen rake has been removed for refurbishment. On inspection it was discovered that the rake was bent and needs replaced. This is now underway. The pumps are due for refurbishment and we are awaiting a timeframe from the contractor. The work to refurbish both pumps will take approximately 5 weeks. While the pumps are being refurbished the IDB will ensure that there is a mobile pump deployed. The panel will also be replaced at the pumping station and this work is due to be completed by the end of October 2018. Overall the budget to refurbish the pumping station has been set at £128,361.

Planned Key Dates:

Via report on highways drains to NCC - TBC

Bullham Lane Drain Clearance - completed mid-Oct

JBA modelling Complete – end Oct

Pumping station refurbishment complete – end Oct

Review of Options following JBA report – end Nov

Next coordination meeting (NCC/IDB) - beginning Dec

ALL WORK IN 2007 CONSULTATION WAS COMPLETED
BY IDB.