

Meeting held on the 29th of February 2016 at the Ark: Town Council office

Meeting title: Pumping plan for Tadcaster in relation to surface water flooding

Start time: 2.30pm

Finish time: 4.00pm

Chair of meeting: Nicola Eades

Attended:

1. Nicola Eades: Tadcaster Emergency Action Group Coordinator
 2. Steve Cobb: Town Councillor
 3. David Bowgett: Town Councillor
 4. June Hinchliffe: Tadcaster Emergency Action Group Coordinator
 5. Richard Rafferty: Tadcaster Emergency Action Group Coordinator
 6. Mark Cruddas: Tadcaster Emergency Action Group Volunteer
 7. Paul Tweed: NYCC Flood Risk Management
 8. Mark Young: NYCC Flood Risk Management
 9. Don Mackay: Mayor of Tadcaster
 10. Jonathan Piatka: Yorkshire Water, Flood Risk & Engagement Engineer
- Introductions of attendees:
Including the introduction of Paul Tweed by Mark Young, Paul has now been allocated to Tadcaster for the NYCC Flood Risk Management role.
 - Introduction held by Nicola Eades on the Tadcaster Emergency Action Group's role, with a brief summary on the 7 flooding occurrences since September 2012 to December 2015 and TEAG'S short to medium term plan on purchasing two flood pumps for the Town.
 - Mark Young introduced himself, praising the efforts of the Tadcaster Emergency Action Group. "Because we are working with such a strong, well established and respected group, you've given us a credible chance to work together on resolving surface water flooding in Tadcaster."
 - Mark Young and Jonathan Piatka, spoke about the proposed short term plan of a multi agency effort to help safely relieve surface water flooding on Bridge Street, including the Tadcaster Emergency Action Group purchasing a pump for use in times of flooding.

The proposed system has already been discussed with contractors and management within the agencies, the details as follows:

- ✓ The placement of an additional drain tank, a 1.2 metre ring approximately 2 metres higher than the lowest point which is 22 Bridge Street. The aim of the system is to allow the group to respond to surface water flooding, prior to flooding occurring on Bridge Street, hopefully allowing an increased time to respond.
- ✓ A proposed location has been discussed with contractors, locating the tank beneath ground level on the West side's riverbank next to Yorkshire Water's current asset. Allowing safe pumping off the highway and footpath.
- ✓ The tank would be fitted with a float censor and an easy connection system.

- ✓ Pumping options were discussed with the Tadcaster Emergency Action Group and Councillors as follows:
 - a) An automatic pump to be placed in the system. This would mean a substantial amount of additional funding and a study required of the area.
 - b) A removable pump, which would be a safe quick, connect system for the group to use.
- ✓ Balfour Beatty would carry out the works in a suitable time scale to the bridge schedule and the project funded by NYCC and Yorkshire Water.
- A group discussion took place on the pump options of either a deployable pump or fixed pump. A deployable pump was agreed as a short to medium term measure allowing the group to be able to move the pump around in times of need and ensuring an optimal outcome for flood pumping.
- Further discussion took place on the tanks location, concerns raised by the Tadcaster Emergency Action Group that previous flood pumping has only been successful outside 22 Bridge Street and unsuccessful pumping has always been in the desired location for the tank.
Potential reason for unsuccessful pumping in this location suggested:
 - ? The fire brigade not knowing the depth of the system.
 - ? An obstruction in this drainage system, either utility's or a collapsed system.
 - ? The layout of the system.

Mark Young and Jonathan Piatka, were concerned about the above information and suggested investigations where required.

- Medium to long-term discussion occurred between attendees, Mark Young and Jonathan Piatka.

Mark Young and Jonathan Piatka informed the attendees that NYCC and Yorkshire Water have commissioned a two-year Interactive catchment study for Tadcaster and the surrounding villages. This study will analyse surface water drainage and sewer drainage with flow meters. (Nicola Eades requested further information from Jonathan Piatka, on the details of the study and time scale)

Reassured future meetings are to be held with the Tadcaster Emergency Action Group and Council on long term solutions for pluvial and fluvial flooding in Tadcaster.

- Discussion occurred between Jonathan Piatka and Richard Rafferty on concerns as follows:
 1. The non-return valves current state, which is located on the west side riverbank. The system is not visible and covered in debris potentially causing an obstruction for surface water drainage on Bridge Street. A review to be carried out asap by Yorkshire Water, previous site visits have not allowed them to check the outfall due to river levels.
Mark Young informed us Balfour Beatty could see the non-return valve at lunchtime today and he would ask for a picture to be forwarded ASAP. Mark Young backed up the importance of this work to be carried out ASAP by Yorkshire Water.
 2. A discussion occurred on Tadcaster's previous incidents of flooding, including August 2015, foul sewer flooding. The pump stations working order came into question as the Tadcaster Emergency Action Group were informed by engineers of the system not functioning during this flood. Jonathan Piatka was surprised to hear this information and is to go away and investigate this information.

Jonathan Piatka informed all attendees that Tadcaster's pumping station, which is located in Britannia's car park, has recently had completed works in October 2015, replacing pumps and storm tanks.

- Discussion occurred between attendees on a short term plan for surface water flooding, whilst the group is awaiting the below investigations as outlined in the summary:
 1. Immediate hire of a deployable flood pump, via Mark Cruddas (TEAG volunteer) who works for A Plant hire. Mayor Don Mackay confirmed the Town Council would cover the fee for the flood pump hire and we are awaiting written confirmation from the Town Council.
 2. Confirmed with Mark Young that pumping by the coordinators of Tadcaster Emergency Action Group from the gulley outside 22 Bridge Street is allowed.
 3. Mark Young is going to confirm funding for road management courses and a relationship connection with the police for the Tadcaster Emergency Action Group.

Summary of the meeting:

- 1) NYCC and Yorkshire Water to go away and analyse the location of the tank, and also a pump size and model that will be required, Yorkshire Water are to carry out CCTV of this area asap.
- 2) Deployable pump required and once above investigations and specification confirmed, the Tadcaster Emergency Action Group are to purchase the pump and training to be carried out by Mark Cruddas from A Plant.
- 3) Non-return valve to be checked ASAP by Yorkshire Water, Jonathan Piatka to follow this up as current river levels very low.
- 4) Short-term flood pump, we are awaiting written confirmation from the Town Council on covering the fee for the flood pump hire.
- 5) Confirmation that pumping by the Tadcaster Emergency Action Group can be done from the gulley outside 22 Bridge Street by the NYCC, to confirm this in writing.
- 6) Paul Tweed and Nicola Eades to communicate via email or telephone on all the above investigations, with time scales. Tadcaster Emergency Action Group stressed importance for a completion of the short to medium term plan by June/July 2016; historically this is surface water flood season.