

## Meeting with the EA and TFAG: Tadcaster's measuring station location

Date held 7/12/16 at 9.30am

Location: on site at the west side of the riverbank in Tadcaster.

Present Nicola Eades-TFAG, Tom Smith-EA Flood Resilience Team, Chris-EA Telemetry Team.

1. Nicola Eades discussed with both Tom and Chris the concerns in regards to Tadcaster's Telemetry readings from the river in relation to what is visually seen in central Tadcaster. On two occasions in the last 3 weeks TFAG have seen higher river levels at the bridge than what the monitoring station above the weir was recording approximately 0.5m.

2. A discussion took place by all parties, with the outcome of three possible solutions. Providing a measuring point in central Tadcaster:

\* Re-commission the monitoring station on Wharfe Bank Terrace. The disadvantage of this option is that the station is downstream and therefore may provide a step in water levels and a delayed reading for the properties upstream to the bridge. Additionally the land is now fenced off. The advantage to this location is the measuring station still exists and would therefore need re-commissioning.

\*The placement of a visual measuring board near the bridge, so this can be seen on the Farson's digital camera. This is a very economical option but would not give automatic data without manually viewing the camera.

\*The placement of a GSM electronic measuring gauge. This would provide an electronic reading which would be streamed online on the EA's website. This is the preferred option by all parties.

The upstream station would still act as the alert station, but if a flood warning text message was sent out by the EA this would include the measurements of the river levels at the new gauge.

A couple of locations for the electronic measuring gauge were discussed:

\*The east side of the river, near the pilings.

\*The west side of the bank near the fence, TFAG believe this is the Town Council's land. Land permission would be required for the box to be placed on the fence with all cabling and the measuring gauge going under the bank to the river.

Further investigation will be needed prior to the gauge placement including underground network diagrams and liaison with Balfour Beatty and NYCC for this location.

### Action:

Nicola is to contact Tadcaster Town Council in regards to the site.

Tom is to contact NYCC in regards to underground network diagrams.

Chris to proceed ahead with works once site the is confirmed.

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