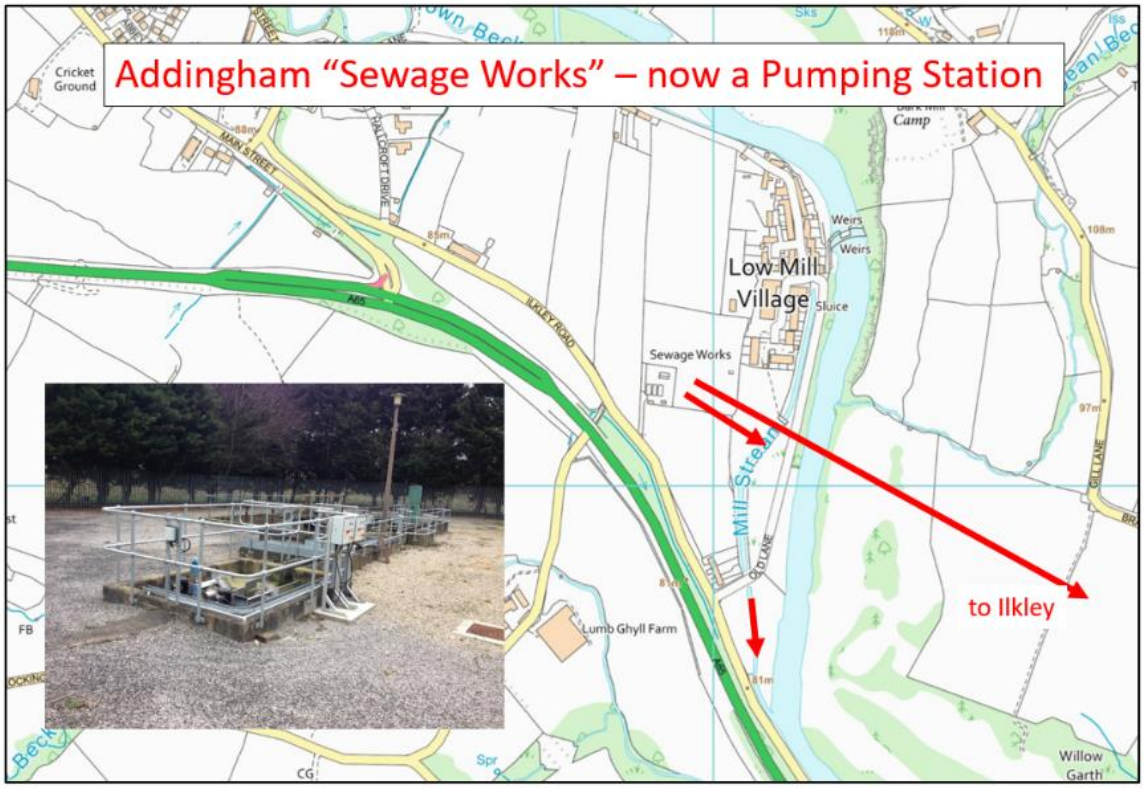
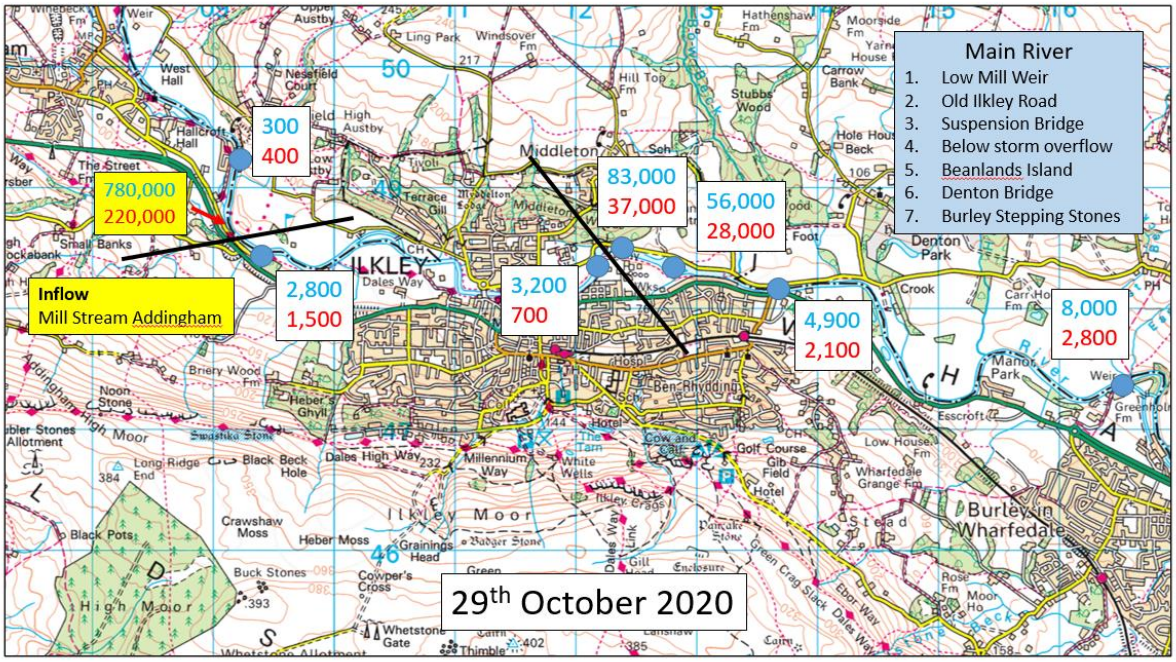

Addingham “Sewage Works” – now a Pumping Station
Cricket Ground
MAIN STREET
ILKLEY ROAD
Low Mill Village
Weirs
Weirs
Sluice
Sewage Works
Mill Stream
to Ilkley
Lumb Ghyll Farm
Willow Garth
Camp
A65
FB
CG

Addingham Low Mill Weir to Burley Stepping Stones: *E. coli* and IE (cfu/100 ml) during high flow and spills in Addingham and Ilkley



- After heavy rain the pumping station at Low Mill is overwhelmed and untreated sewage is discharged under license into the Mill Stream
- On such occasions very high concentrations of *E. coli* occur in the stream as the effluent backs up behind the culvert under Old Lane
- The concentration of *E. coli* in the effluent is so high it can cause a significant increase in *E. coli* concentration in the main river, despite the diluting capacity of the river
- *E. coli* is carried downstream and such an event from Addingham can cause poor water quality to occur at the newly designated bathing water site on the river in Ilkley
- Consequently Yorkshire Water are planning to invest heavily in improving the Addingham station in the next funding round (2025-2030)
- We do not know yet what engineering options YW are planning to take
- More locally and of more immediate concern is YW's current practice of discharging effluent into Mill Stream
- Since the closure of Low Mill and the subsequent redevelopment of the site, Mill Stream is no longer a stream. Whilst the permit to discharge should never have been granted in the first place it should at least have been reviewed at the time the housing development took place
- As a result, effluent is now discharged into a dry channel, it drains only slowly into the main river and primary sewage sludge accumulates in the channel bed.
- Moreover the channel has very steep unfenced sides and the unprotected bank on the western side forms the edge of the field behind Mill Fold used for recreation by residents
- In my view we as a village on behalf of Low Mill residents should be seeking to draw YW's attention to this hazard to request that the channel is made safe as soon as possible. We should also ensure that Addingham residents, especially Low Mill residents are fully consulted on plans for the re-design of the pumping station currently under discussion.
- How should we proceed?

Rick Battarbee, 8th September, 2022