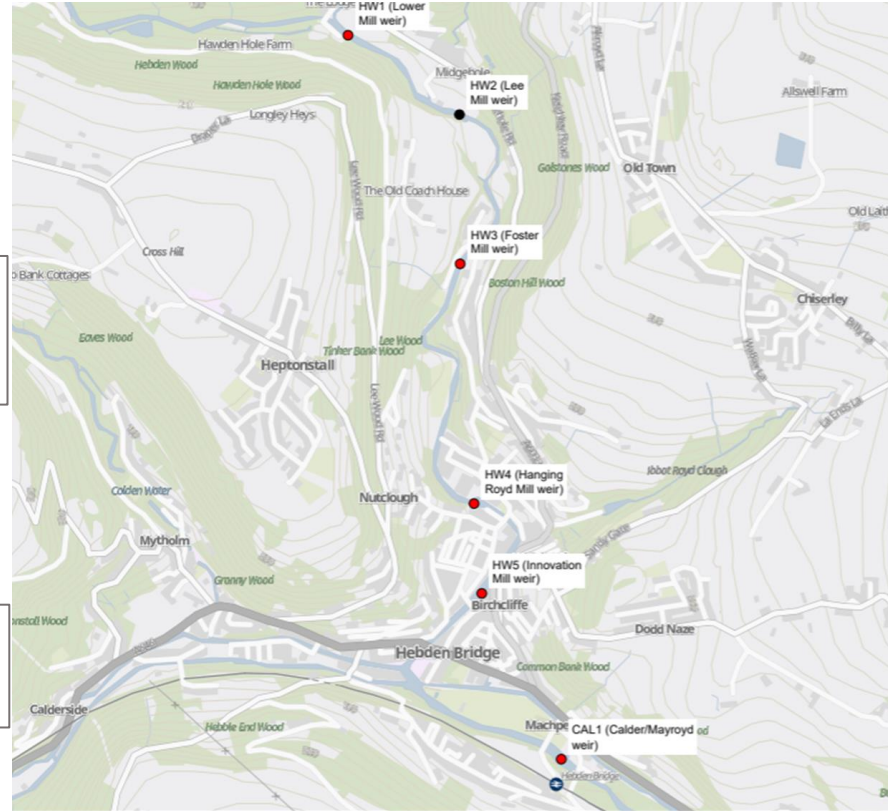


Hebden Bridge - Flood Alleviation Scheme

The Environment Agency is working in partnership with Calderdale Council, BAM Nuttall & Mott MacDonald to deliver the Hebden Bridge Flood Alleviation Scheme

Location of weir modification works



HW2 - Has already partially breached, so no modification is required to enable fish passage at that site.

HW4 - This weir will be lowered in places using a notching technique. The notch will be installed towards the left-hand bank of the weir as this already demonstrates lower crest levels and is thought to be the preferred route for upstream fish migration.



HW5 - A notch already exists on the right-hand side of the weir and the preferred option is to install a rock ramp here. If this cannot be done, a new Larinier fish pass will be installed so that the features and function of the weir can be protected, while enabling improved fish passage.



HW1 - The weir will undergo partial removal. The central section of the weir is to be removed, with abutments at both sides to be retained and remaining sections at both ends likely to be reinforced and or visually improved.



HW3 - This weir will be lowered. The top step is already partially breached on the left-hand bank so this breaching will be extended and taken to bed level. Some of the middle weir and apron sections will also be removed to help reduce flow velocities and improve fish passage.



Calder Weir - Partial removal of around two thirds of the weir from the centre, leaving 4.5m on the left bank and 6m on the right bank. The new channel will also be regraded upstream and downstream.

