Flows are limited at the dam to allow water to pass through at a controlled rate, and use the natural downstream floodplain to protect properties from flood.

The combined flood storage is over 3 Million m$^3$

Bradwell flood levels are not affected by the scheme.

Following a flood event, water will flow back into the river through the dam in a controlled manner due to the culvert.

Climate change allowance have been included using a 25%