3.3 The application site to the North East of the Fluvial River Welland is gravity drained to the East via the South Holland Main Drain eventually outfalling into the River Nene at Sutton Bridge. This sophisticated drainage system is controlled by the South Holland Internal Drainage Board and during flood conditions is supplemented by land drainage pumping stations at strategic locations before outfalling into the River Nene.



**FULNEY LOCK - CORONATION CHANNEL / TIDAL RIVER WELLAND**

3.4 Automatically controlled, electrically driven, fixed pumping equipment is a common feature of modern land drainage systems and are routinely maintained to minimise breakdown during emergencies and back up power is available in the event of electrical failure.

3.5 The identified protection measures are as follows:

- The Wash sea defences.
- Tidal embankments – River Welland & River Nene.
- Marsh Road Sluice.
- Fulney Lock.
- Right hand embankment of Fluvial River Welland.
- Barrier Bank.
- Cowbit Wash (Functional Flood Plain).
- Four Mile Bar Syphonic Weir.
- Welland & Deepings Internal Drainage Board.
- South Holland Internal Drainage Board.
- South Holland Main Drain.
- South Holland Main Drain outfall into River Nene at Sutton Bridge.