Summer 2011 News

The summer period has remained a busy time for Huntons with continued works in river control and flood defence. Shown left and above we have the completed radial gate installation at Eldridges lock on the River Medway. The gate, designed and manufactured by ourselves is now complete and successfully controlling the upstream pen level to Tonbridge.

Below we have a sliding floodgate to be installed on a housing development on the Isle of wight. The gate spans 6 Mts, stands 1.8 Mts tall and is designed to withstand hydrostatic and dynamic wave loading should the islands sea defence wall be breached.

The gate is currently undergoing trial assembly in our workshops prior to coating and installation in September.

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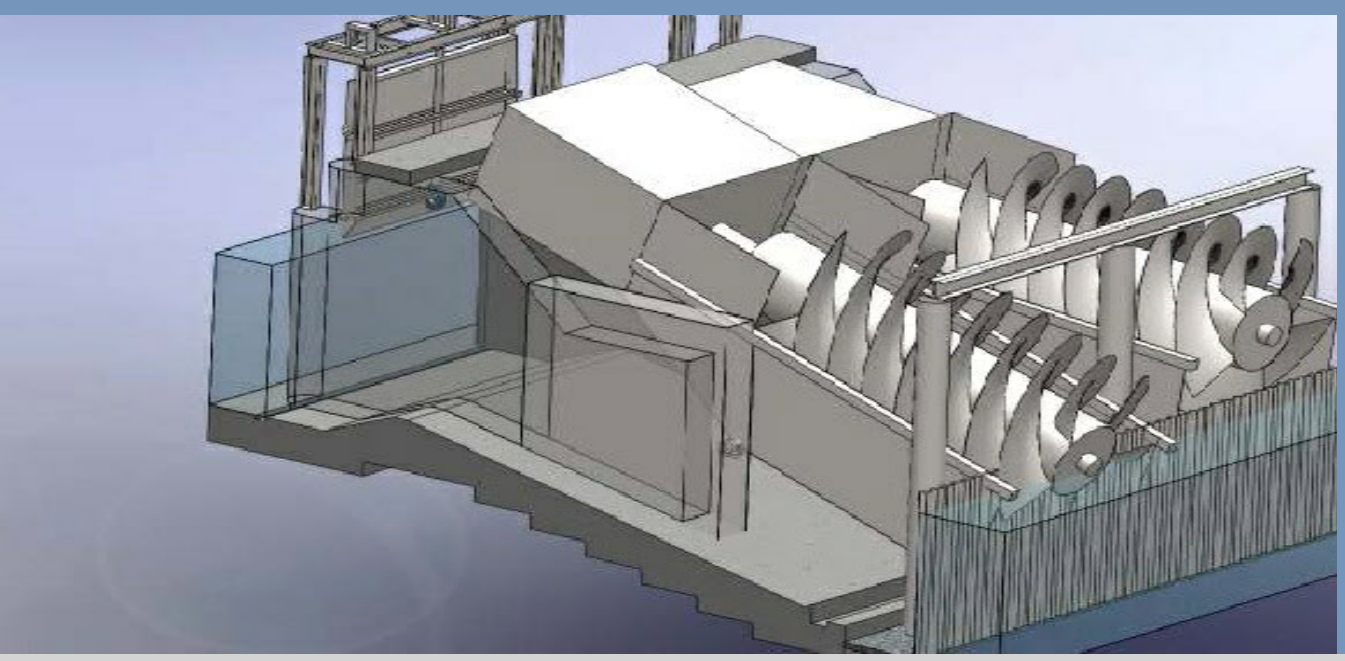
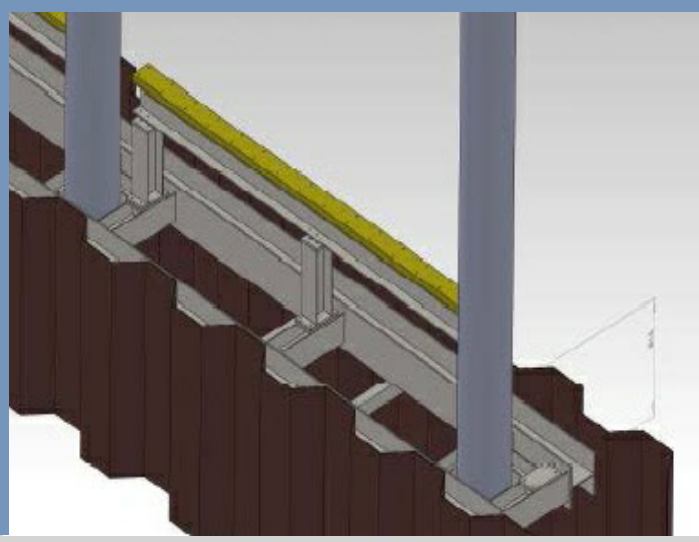
Huntons have been carrying out refurbishment works on a number of radial gates on the river lee North of London. The displacer operated, 7 Mt span radials were first installed in the mid 1970s. It was believed these displacers were corroding possibly to the point of peforation and therefore gate failure. Huntons devised a method to remove, refurbish and replace the tanks without stoplogging the river enabling us to undertake the work on the 6 No installations. (shown left). Our system also allowed manual opening to around 300mm in a potential flood scenario.

Once removed the displacer tanks were taken to our workshops and fully inspected including dye penetrant and pressure testing.
It has proved a valuable project in that half of the gates required new displacers manufactured and fitted and 3 No have had minor repairs and been repainted before refitting. They should now offer another 20 years or more service.

Shown below we have a preliminary drawing of a hydropower scheme to be installed on the Thames. Huntons have been selected for early contractor involvement on the control gates, turbine tilt control hydraulics, pivot and piling steels and access to the structure. At this time we are developing detail drawings for proposed Autumn installation of the equipment.





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