

Upper Medway Navigation – Allington Lock Refurbishment Works Update

Allington Lock & Sluice Backup Generator

Platform works are progressing. The platform should be completed in the following days. Connection to the new kiosk will begin imminently.



Allington Lock Gates refurbishment.

Centre and downstream gates are now in the camp site. New brackets and new skin are being installed. New penstocks and rams for the downstream gates are being installed.

Pintles and shoes.

The team has picked up a few issues with the pintles and shoes:

- Downstream gates pintles were in poor condition, several anchors were broken
- Centre gates Pintles worn with potential gate displacement



Centre Gates Cill

The existing cill was in worse condition than expected, when it was moved there was no connection to the bottom slab, therefore the set out points are unknown and the completion of the cill has to be done in conjunction with the installation of the centre gates to ensure water tightness.



Aerial View

General view of the works from above



Centre Gates Concerns

A number of soft spots were observed in the centre gates timber after removing the skin. The Environment Agency quickly consulted timber experts to assess the timber condition. It was concluded that this is normal for the type of wood used in the lock gates. There are no issues with the structural integrity of the centre gates.

The Environment Agency instructed the designer and contractor to undertake additional remedial works to the timber members to extend the life of the gates beyond that initially proposed in the project.



Removal of Downstream Gates



Fish Rescue.

The Environment Agency Fish, Biodiversity and Geomorphology (FBG) team undertook a fish rescue and a depressed mussel survey in the lock chamber before the complete dewatering.



Environment Agency
Lock House, Castle Road, Allington, Kent ME16 0LU
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The Environment Agency – the leading organisation for protecting and improving the environment in England – has just launched its 5-year plan for reaching a cleaner, greener and healthier future. Read more about how we are becoming climate resilient, improving the health of air, land and water for people and nature, and supporting sustainable green growth [here](#).

Creating a better place
for people and wildlife

