

Dagenham Brook Flood Alleviation Scheme

August 2017

The Environment Agency are developing a scheme to reduce flood risk from the River Lee and Dagenham Brook in Walthamstow.

Flood risk in Walthamstow

The Dagenham Brook runs through Walthamstow, adjacent to the Lee Flood Relief Channel. The channel was constructed in the 1970s to protect properties in the Lee Valley following major flooding in 1926 and 1947, and was completed in the 1970s. It was designed to carry large amounts of flood water, and has reduced flood risk to the nearby area ever since.

With climate change and urbanisation, water levels have increased and in 2000 and 2014, the Lee Flood Relief Channel ran at full capacity, almost overflowing into the Dagenham Brook. As the Dagenham Brook is such a small watercourse, it would be quickly overwhelmed and could flood properties and infrastructure in the local area.

Our proposals to reduce flood risk

We are proposing a scheme to reduce flood risk to over 450 homes in Walthamstow, as well as to businesses and infrastructure.

The scheme will involve installing a series of new flood walls and embankments, which will help to keep flood water within the Lee Flood Relief Channel, preventing it from overflowing into the Dagenham Brook.



Examples of flood walls and embankments

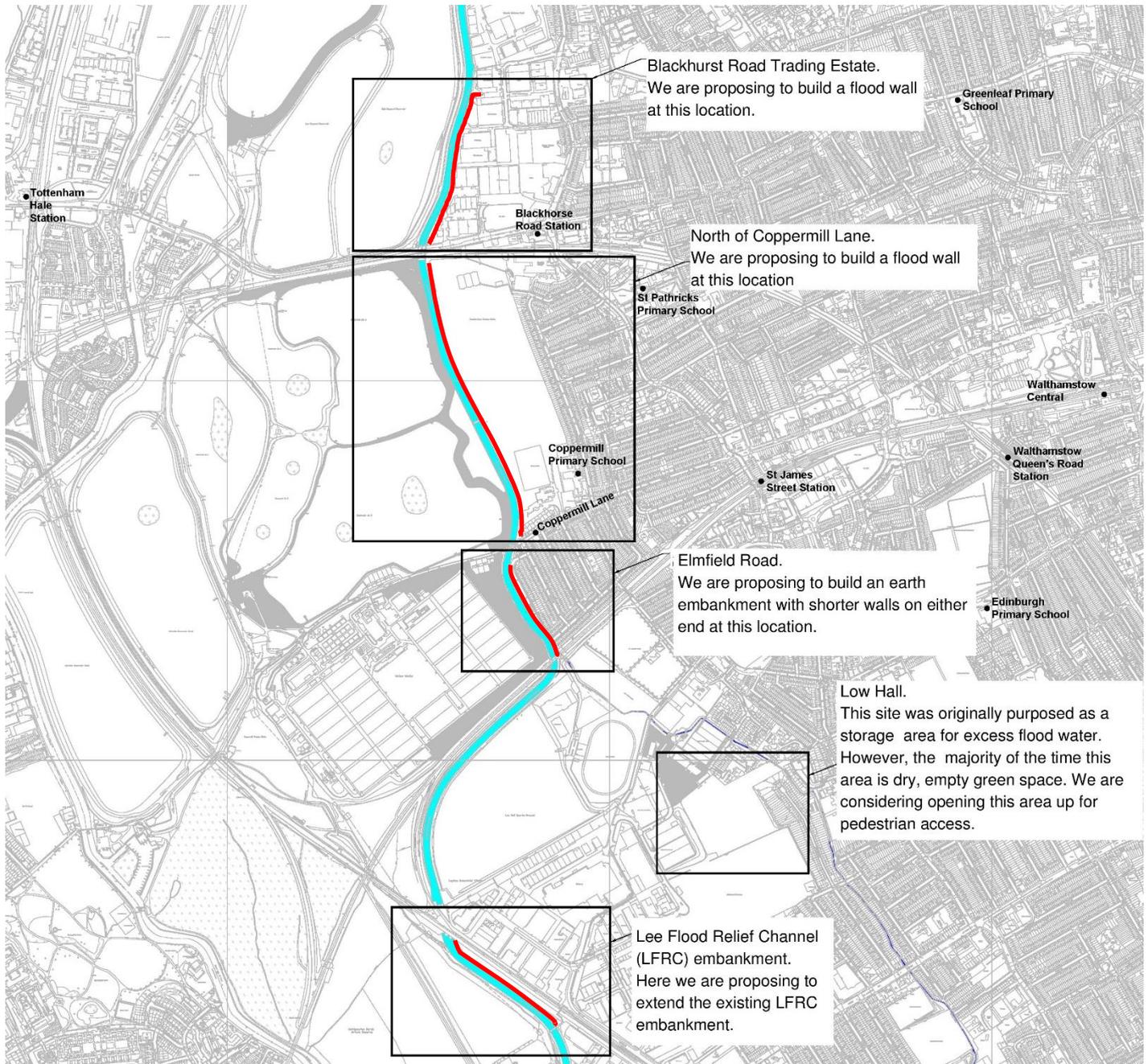
customer service line
03708 506 506

incident hotline
0800 80 70 60

floodline
03459 88 11 88

Scheme design

The drawing below shows where we are proposing to construct the new flood walls and embankments.



Key	
	Proposed new flood wall or embankment
	Lee Flood Relief Channel
	Dagenham Brook

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Next steps

Now we have the outline scheme, we will begin working on the design of these walls and embankments. To help us to develop the design we will need to carry out various ground investigations, surveys and modelling studies over the next few months.

Before the scheme can go ahead, we will need to secure internal approval, planning permission and funding. Flood risk management work is funded under Defra's Partnership Funding arrangements. This means that schemes receive a proportion of funding from central government dependent on the benefits they bring in reducing flood risk. We will need to find the remaining funding through contributions from those benefitting from the scheme, which may include local councils, organisations or individuals, who benefit directly from a reduced flood risk or indirectly from reduced flood impacts. Over the next few months we will be working to secure this funding. If we are unable to secure this, the scheme may not be able to go ahead.

Understanding your flood risk

Although we work to reduce flood risk, we cannot remove it entirely. It is important that individuals and communities are aware of their flood risk and prepare for flooding.

You can check your flood risk by visiting www.gov.uk/check-flood-risk or calling Floodline on 0345 988 1188.

We provide a free flood warning service for rivers, which covers the Walthamstow area. To sign up to our free flood warning service please call Floodline on 03459881188 or visit our website www.gov.uk/sign-up-for-flood-warnings.

If you are at risk, we recommend you complete a flood plan to help you be prepared if anything were to happen. You could also complete a community flood plan for any groups or areas that may be affected. Visit www.gov.uk/prepare-for-flooding/future-flooding for support with this.

Find out more

If you'd like more information about the Dagenham Brook Flood Alleviation Scheme, contact us at **HNL-PSO@environment-agency.gov.uk**

If you have emailed us with an enquiry about the scheme, we will add you to our mailing list to receive quarterly scheme updates and information on any events. We will only contact you about the Dagenham Brook project and will not share your email address with anyone else.