

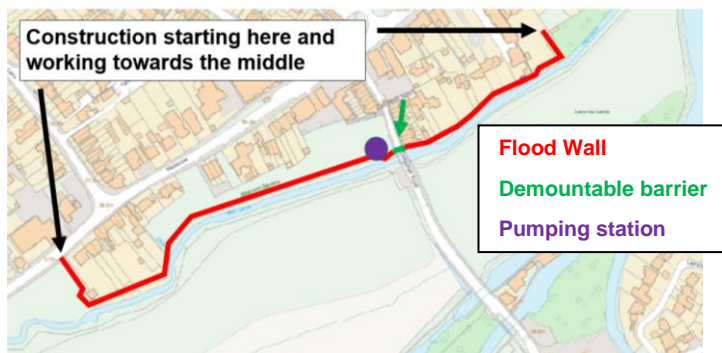
# Godalming Flood Alleviation Scheme (FAS) Oct 2018 Newsletter

October 2018

## When is work starting on site?

The Environment Agency has awarded the Godalming Flood Alleviation Scheme (FAS) contract to Team Van Oord (TVO). TVO has extensive experience working on similar schemes for the Environment Agency.

On Monday 22 October, the first task to establish the site compound and access at Lammas Lands started. Once this is completed, construction can begin. Construction is planned to begin at both ends and work towards the middle (near Catteshall Bridge) (see map below).



**Proposed works plan - Godalming FAS**



**Auger (drill) rig**

**Movax piling equipment**

## How will the scheme be built?

The proposal for the scheme is to install a 525 m sheet pile wall, clad with timber along the bank of Hell Ditch. A sheet pile wall is made up of individual piles driven into the ground that connect together. TVO are proposing to use a large auger (or drill) to drill along the line for the sheet pile wall, before the piles are put in the ground using Movax piling equipment (see photos bottom left). This process will reduce the vibration and disturbance to nearby properties.

Vibration will be monitored throughout the works. Limits for vibration have been set and work will stop if measured levels get close to the limit. Building surveys are being arranged to monitor the condition of nearby properties

## What happens during the winter?

Weather depending, work could continue during the winter months. If the weather is bad and the ground becomes too wet to continue, TVO will stop work and resume when the weather is drier (most likely in March).

## How will the work be phased?

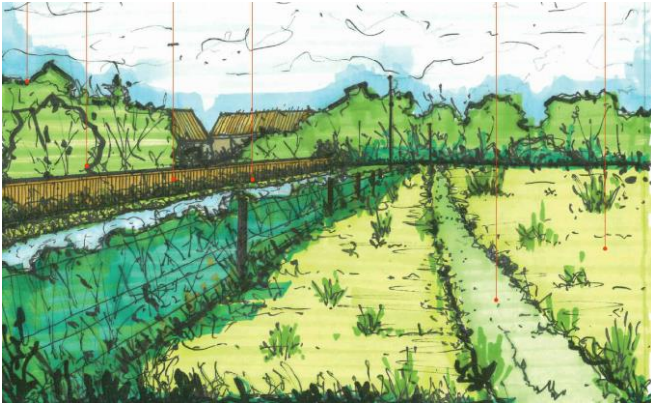
The work will be undertaken in three phases. Dates subject to change, due to weather conditions, etc.

1. Work to install the sheet pile wall - winter 2018/2019.
2. Work at Catteshall Bridge to construct a pumping station and install a demountable flood barrier - spring 2019.
3. Reinstatement work to the Lammas Lands, allotments and gardens - spring/summer 2019.

## What will the scheme look like?

The sheet pile wall will be 525 m long with a sheet piling core clad in horizontal planks of Accoya timber. This is a specially treated softwood that is more hardwearing than conventional soft and hard woods.

At Catteshall Bridge a bespoke demountable flood barrier will be installed across the bridge, which can be closed when river levels rise.



Artist impression of the flood wall

## Why are pumping stations being built?

The scheme includes a pumping station in the allotments, just upstream of Catteshall Bridge. The pump station will pick up road run-off and other surface water from Thames Water's network. Groundwater and general run-off from the land will be collected in drains and discharge via the pumping station. When water levels in the Hell Ditch are high, the pumping station can divert collected water to the watercourse.

## What if there is a flood before the flood wall is completed?

The Environment Agency intends to provide temporary protection upstream of Catteshall Road Bridge in the event of a flood. This is a tried and tested method using a barrier made up of a metal A frame about 1 metre high draped in heavy duty plastic sheeting. This barrier will block a flow route from the river and reduce the likelihood of properties flooding.

## Prepare for flooding

Although we work to reduce flood risk, we cannot remove it entirely. We work to help individuals and communities prepare themselves for flooding, by providing information to those who need it.

You can find out more about what to do before, during and after a flood by visiting

[www.gov.uk/prepare-for-flooding/future-flooding](http://www.gov.uk/prepare-for-flooding/future-flooding)

If you have any queries about the information contained in this briefing or would like to be added to our mailing list please contact:

[Enquiries THM@environment-agency.gov.uk](mailto:Enquiries_THM@environment-agency.gov.uk)

If you see blockages in the river channel which pose an immediate flood risk then this should be reported directly to our incident line on:

0800 80 70 60

## Riparian ownership

If a stretch of river, stream or channel runs through or under your land, or on the boundary of your land, you will normally be a riparian owner. For guidance about your riparian responsibilities and rules to follow for watercourses on or near your property, and permissions you need to do work around them visit:

[www.gov.uk/guidance/owning-a-watercourse](http://www.gov.uk/guidance/owning-a-watercourse)

## Where can I find out more?

You can find out more about the scheme by visiting

<https://www.gov.uk/government/publications/godalming-flood-alleviation-scheme/godalming-flood-alleviation-scheme>

Phone: 03708 506 506 Environment Agency National Contact Centre