

# Sanway-Byfleet Flood Alleviation Scheme: September 2023

## Dates for your diary:

### Public engagement events

**Location:** St Mary's Day Centre,  
West Byfleet, KT14 7LZ.

### Dates/Times:

Wednesday 18<sup>th</sup> October 9am – 3pm

Thursday 19<sup>th</sup> October 1pm – 7pm.

### Online engagement meeting:

Monday 16<sup>th</sup> October 7pm – 8pm

[thm.schemes@environment-agency.gov.uk](mailto:thm.schemes@environment-agency.gov.uk).

During these events we will also be seeking your input and ideas to shape a community outreach programme. The programme will run both during and after the construction period and could include topics such as art for the underpass, a community orchard, and engagement activities with children and young people.

## Welcome!

Since our last newsletter we have been busy carrying out various environmental surveys and refining the flood alleviation scheme designs.

## Upcoming Engagement

In October we will be sharing further scheme information with you.

We will be holding two public engagement events on **Wednesday 18<sup>th</sup> October (9am-3pm)** and **Thursday 19<sup>th</sup> October (1pm-7pm)** at St Mary's Day Centre in West Byfleet.

We will be sharing updated design information including a full drawing of the scheme and its location in relation to houses close to the route. We will be joined by Surrey County Council, and our contractor BAM Nuttall who will share information and answer questions on the construction process for the flood defence and environmental enhancements.

In addition to the face-to-face events, we will be holding an **online event on Monday 16<sup>th</sup> October 7pm-8pm** for anyone who is unable to visit us in person. If you would like to join this event, please email:-

If you represent a community group and would like to get involved with the programme, please register your interest by scanning the QR code and registering your contact details or email: [thm.schemes@environment-agency.gov.uk](mailto:thm.schemes@environment-agency.gov.uk)

Sanway Byfleet FAS Community Questionnaire



## Survey update

Our specialist aquatic ecology team are currently carrying out macroinvertebrate surveys. We want to make sure the scheme won't damage the river environment.

Macroinvertebrates are organisms without backbones that are visible without the aid of magnification. Examples include dragonfly and mayfly larvae, beetles and freshwater shrimp and can include various life stages, such as insects in their larval or nymph form.



We monitor them because they can act as long-term indicators of the condition of a

watercourse. The species presence and abundance can indicate river degradation and pollution, flow conditions and sedimentation.

Aquatic macroinvertebrates live on, under, and around rocks and sediment at the base of lakes, rivers, and streams.

Many live part or most of their life cycle attached to submerged rocks, logs, and vegetation.

Our surveys involve taking samples and doing hand searches of the riverbed and vegetation. Samples are then preserved, sorted and species identified to provide an accurate assessment of what is present in the river.



River Wey in Common Meadow

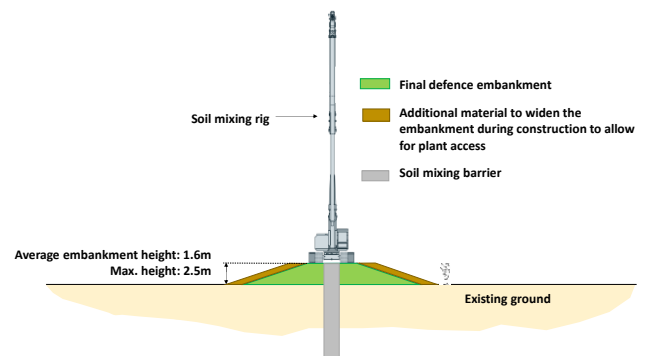
## Construction Update

Our contractor BAM Nuttall is preparing for Phase 2 of the Ground Investigation works due to start at the end of September 2023. Ground Investigations assess the conditions of the site prior to construction commencing. We will also do additional survey work including:

- topographical survey to map the site boundaries, features and levels
- utility surveys to identify any below ground cables, pipes and drains
- archaeological trial trenching will be carried out in October to assess the potential impact of the proposed works on any archaeological heritage on the site

## Understanding the embankment construction:

The sketch below shows how the embankment is likely to be constructed.



This shows the flood embankment, soil and piling rig. Water held back by the flood embankment would naturally slowly seep through the soil onto the dry side of the embankment. To stop this, we will install an impermeable 'cut off' through the embankment into the ground below. Our preferred method to create the cut off will be to mix the existing soil with cement to create an impermeable wall in the ground.

For more information come and talk to our design and construction team at our engagement events.

## Plan ahead for flooding

Although we aim to reduce flood risk, we cannot remove it entirely. We work to help individuals and communities prepare for flooding by providing information to those who need it. You can find out more about what you can do by visiting [www.check-for-flooding.service.gov.uk/plan-ahead-for-flooding](http://www.check-for-flooding.service.gov.uk/plan-ahead-for-flooding).

Report any blockages in the river that could pose an immediate flood risk. Call our incident line: **0800 80 70 60**

To find out more about the scheme, have a look at our web page: <https://consult.environment-agency.gov.uk/thames/sanway-byfleet-flood-alleviation-scheme/>