

Keeping you informed No 5

May 2022

Holderness Drain Flood Alleviation Scheme (FAS): Castlehill Aquagreen Proposals

This newsletter provides an update on the Castlehill Aquagreen (Flood Storage Area).

We are happy to report that planning consent for this scheme, submitted in November 2021, was granted by both Hull City Council and East Riding of Yorkshire Council in late January. This means we are now preparing for our contractors, JBA Bentley, to start work on the Castlehill site in the week commencing 16 May 2022.

What's been approved

The designs for the scheme include:

- raising particular low spots in the banks of Holderness Drain and Sutton Cross Drain to reduce the risk of flood water entering and overwhelming the Sutton Cross drainage system;
- installing a metal sheet pile wall along a stretch of East Carr Drain and Sutton Cross Drain (in the south west corner of the site) to remove the risk posed by several low points;
- realigning (moving) the section of Sutton Cross Drain between Castlehill Road and the Trans Pennine Trail further eastwards and making it wider so that it can hold more water during a flood. The old length of drain at this location will then be filled in. This does not include the section of Sutton Cross Drain north of Castlehill Road which will remain as it is;
- Planting areas of woodland and scrub close to the western side of the site.

This work should be completed within a single construction season, finishing in winter 2022.

Once the aquagreen is built, the site will have a greater capacity to hold flood water and, as a result, will reduce the existing flood risk for over 870 homes in the area. It has not been designed to offer protection for any future housing in the area.

Preparing for work to start

In preparation for the main phase of construction, our contractors removed low growing scrub along the edge of Sutton Cross Drain and East Carr Drain in March this year.



Photo: Our stall at the West Carr Fun Day

At the end of March, staff from the Environment Agency and JBA Bentley set up a stall at the West Carr Fun Day, organised by the Neighbourhood Network. We brought maps of the scheme and talked to over thirty residents, explaining what would happen on the site during construction and answering lots of questions about the design of the aquagreen. Thank you to everyone who took the time and trouble to come and speak with us at this event.

customer service line
03708 506 506

incident hotline
0800 80 70 60

floodline
03459 88 11 88

What will happen when construction starts

Once our contractors, JBA Bentley, start working on site, you may notice some changes associated with construction. These will include an increase in traffic, access restrictions for pedestrians in some parts of the site and an increase in noise and vibrations where sheet piling work is being carried out. All these changes are temporary and will not continue after the scheme is built.

Construction lorries and staff cars will need to access the site via Castlehill Road. This means that there will be more traffic in the area, especially in the early days of setting up and at the end of the construction season. However, JBA Bentley will ensure that all their drivers behave respectfully towards other road users and keep their speeds within agreed limits, especially on narrow roads.

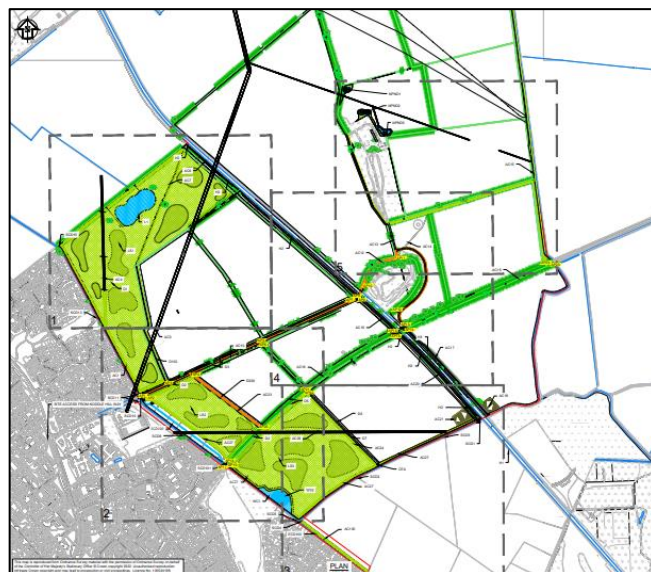
Once construction starts, a working area will need to be fenced off to ensure public safety. This means that the track from the end of Castlehill Road (starting at the metal gate) will be closed to pedestrians, but visitors will still be able to use the Trans Pennine Trail for the duration of the construction period. There may be minor delays for users of the Trans Pennine Trail when heavy vehicles are crossing it. When this happens, the crossing point will be staffed to manage traffic and ensure pedestrians and cyclists are kept safe.

There will be some noise generated from the sheet piling work along the western boundary of the site on the edge of the East Carr and Sutton Cross drains and also from heavy machinery and digging during the realignment of Sutton Cross Drain. However, this will be monitored to ensure it does not exceed specified levels.

Properties along the western boundary of the site may also experience low levels of vibration from sheet piling activities at East Carr and Sutton Cross Drain. Vibration will also be monitored to ensure it does not exceed specified levels.

Once construction starts, we will update the Castlehill 'page' of the Holderness Drain Flood Alleviation Scheme website regularly to include details of any significant changes for this scheme: [https://consult.environment-](https://consult.environment-agency.gov.uk/yorkshire/holderness-drain-flood-alleviation-scheme/)

[agency.gov.uk/yorkshire/holderness-drain-flood-alleviation-scheme/](https://consult.environment-agency.gov.uk/yorkshire/holderness-drain-flood-alleviation-scheme/)



Site of the aquagreen with boundaries shown in red

Contact us

If you want to speak to an Environment Agency staff member, please email us at:

HoldernessdrainFAS@environment-agency.gov.uk

Or you can phone our National Customer Contact Centre on **03708 506 506** and ask to speak to a member of the Holderness Drain project team. For any questions or concerns once construction has started, please contact Shaun Hyett, JBA Bentley's site manager on **07973 640757**.

Partners and Funding Providers

This scheme is a partnership project, led by the Environment Agency and supported by Hull City Council, East Riding of Yorkshire Council, National Highways (previously Highways England) and the Hull and East Yorkshire Local Enterprise Partnership.



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