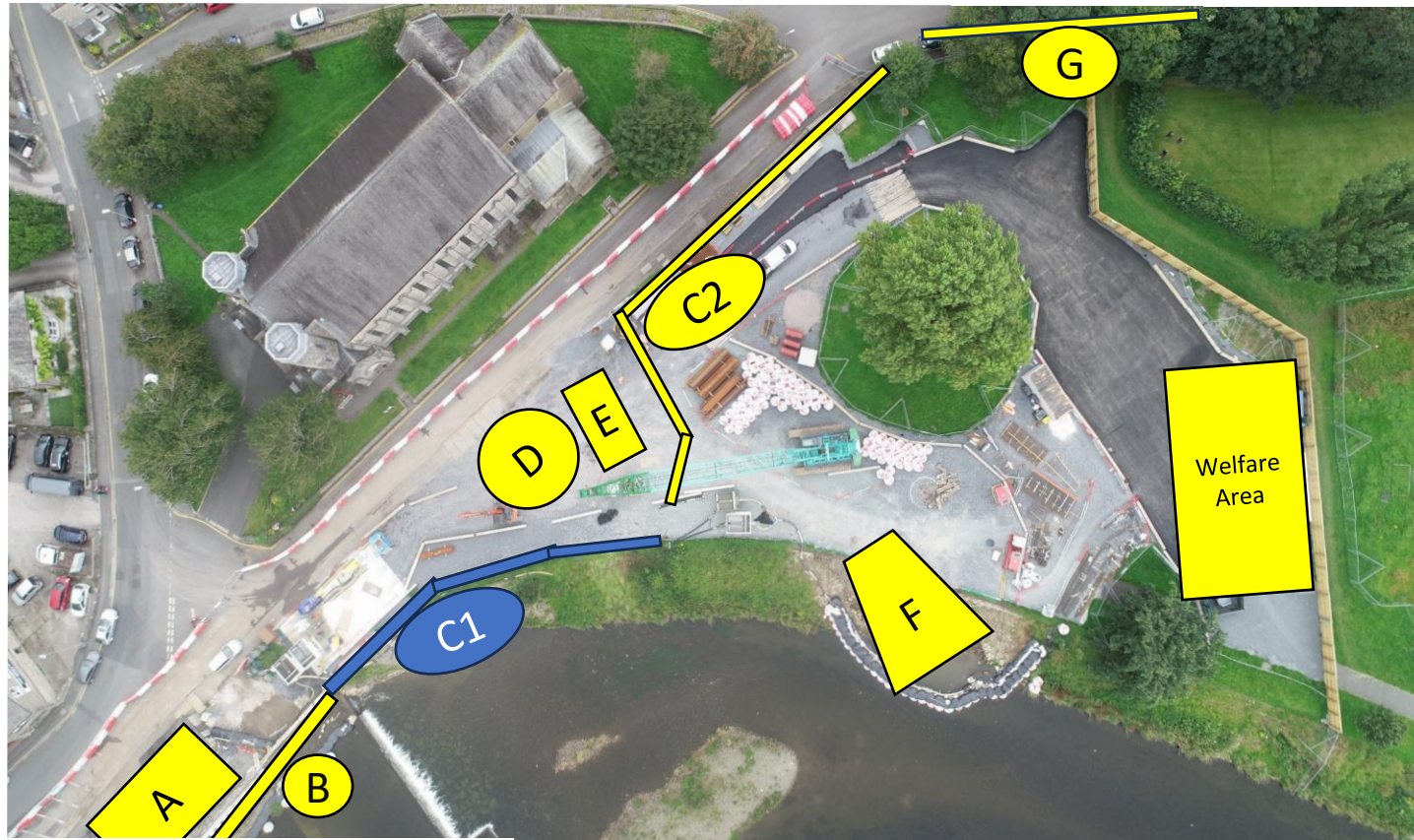


Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 2nd September 2024



A – Motor Control Centre Building

65%

B – Glass Panel Flood Wall

COMPLETE

C1 – Flood Defence Wall

0%

C2 – Flood Defence Wall

50%

D – Wet Well Shaft

80%

E – Valve Chamber

65%

F – Outfall

35%

G – Kerbing Construction

COMPLETE

Overall completion -

62%

A – Motor Control Centre

Building (MCC)

This building will house all the electrical infrastructure that will power the stock beck pumps in flood conditions.

B – Glass panel flood wall

The glass panels will be partially uncovered with the remaining uncovered once the MCC building is completed

C1 & C2 – Flood wall construction

Constructed from a sheet pile foundation the concrete flood wall will be clad in local stone.

Overall completion tracker

62%

D – Wet Well Shaft

This is the underground structure which will house the pumps for stock beck designed to transfer water of Stock Beck from the Well to the Outfall (A).

E – Valve Chamber

This chamber will house the valves for the onward pumping of Stock Beck in flood conditions.

F – Outfall

The new Stock Beck outfall into the river Kent.

G – Kerbing

Kerbing is now complete in this location and forms part of our flood defence.

What's happening this week

Motor Control Centre Building (MCC) – The masonry team have completed their work on the MCC building and are up to the required height for the roof to be installed. The roof trusses will be delivered to site this week and will begin to be installed. Once in place the roof will be tiled with slate.

Sewer Diversion – This week Waitings will be continuing the work on the underpass chamber. The ground conditions in this area are very soft and damp, they require the sheet piled area to be more compact and secure for a deeper excavation for the underpass chamber installation. Piling works will take place early next week in the Castle Street area Adjacent to St George's Church entrance. Once the area is dry and secure, Waitings will remove the top of the Stock Beck culvert and **over pumping** of Stock Beck will commence to allow the jetting and gravel removal within the culvert. Following the cleaning, a section of the culvert will be removed in order for the team to build the underpass chamber, which once complete will enable the Stock Beck culvert section to be reinstated and sealed.

Wet Well – The majority of the wet well structure is now complete. Pump housing has been installed and positioned into the wet well. This is where the pumps will be attached to feed the water out of the well and through into the valve chamber, connected by ductile iron pipes. This week piping work continues between the wet well and the valve chamber.

Valve Chamber – The Valve Chamber is almost complete with 5 out of the 6 pipes delivered and installed with the other pipe on order due; to arrive end of the week and the final installation of the pipe work to commence following the delivery.

Flood Wall – A 21m stretch of flood wall is almost complete along St George's Walk. The next stage is for the wall to pass alongside the valve chamber once the area has been backfilled and our temporary works removed, we can progress with the wall.

Outfall – This week we are continuing to seal the sheet piled cofferdam on the edge of the river Kent. This will create a dry area so the construction of the outfall can begin during the in-river working window. **Piling works** will take place over the course of 2 weeks to help re-seal the cofferdam. **Pumping** will commence during this week to manage the water while it is being sealed.

Emergency access gate on Castle Crescent – On Friday 6th September during the afternoon, we require to access the working area via the emergency access gate to allow Waitings to conduct a trial hole at the manhole situated in the site entrance between the underpass chamber and the MCC building. Due to the complex nature and little room for movement in the area of the normal site access, access will need to be via the emergency access gate.

[VolkerStevin Engage](#)

Our new project app allows you to keep up to date on the Kendal Flood Risk Management Scheme, view construction progress, images and provide feedback. Scan the QR code to download.



Kendal Flood Risk Management Scheme – Gooseholme Common update for week of 2nd September 2024



Motor Control Centre Building – Housing for all the electrical equipment for the Stock Beck pumps



Sewer Diversion – Sheet piled area for the underpass chamber once Stock beck culvert is removed



Floodwall along St Georges walk in Construction



Outfall – The new outfall of Stock Beck into the River Kent.



Valve chamber – Holding the pipe valves that pump Stock Beck onwards to the outfall



Wet Well Shaft – Underground housing of the 3 pumps for Stock Beck