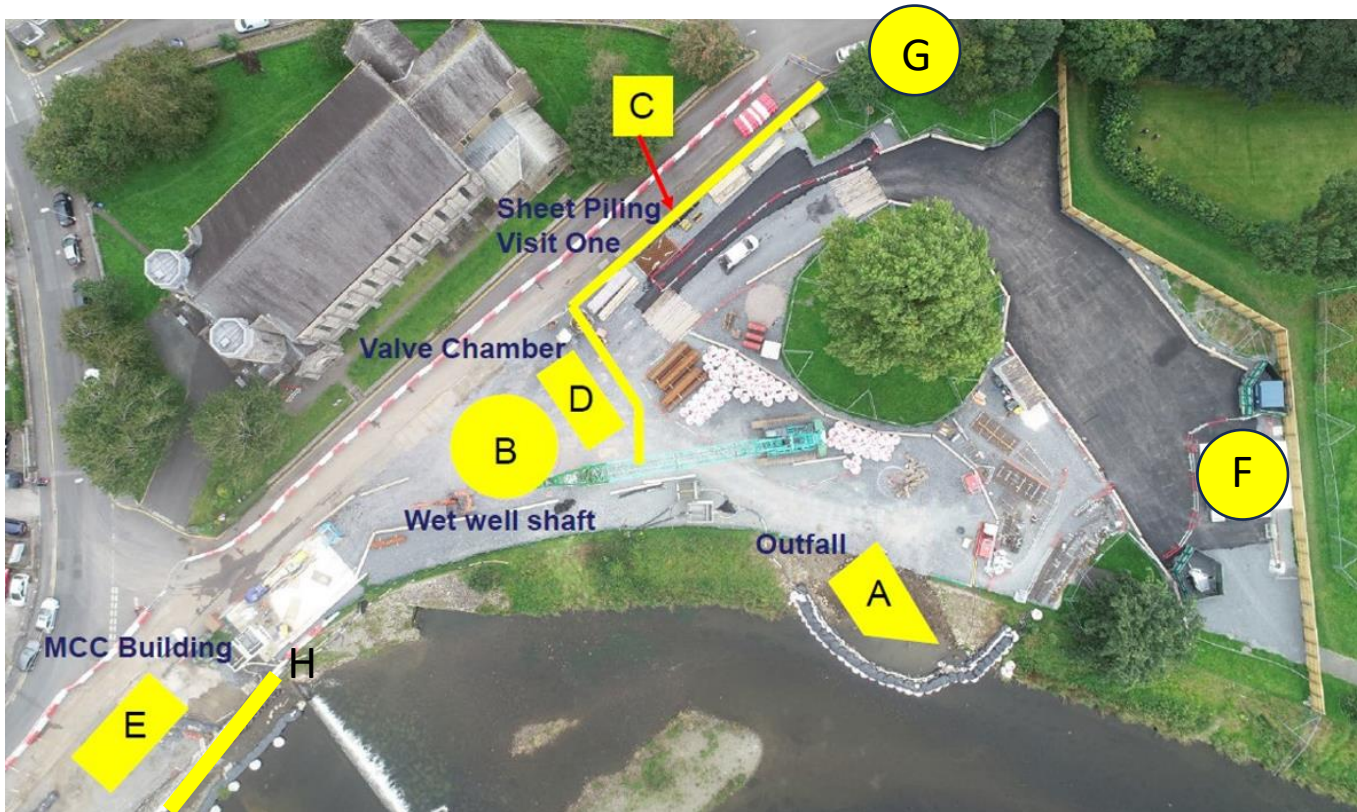


Kendal Flood Risk Management Scheme

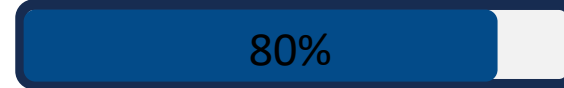
Gooseholme Common progress as of 17th June 2024



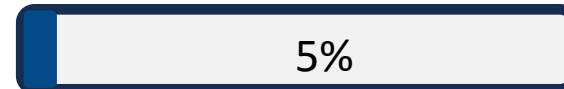
A – Outfall



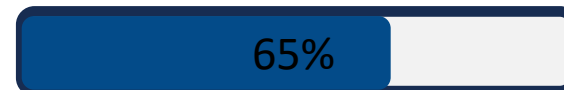
B – Wet well shaft



C – Flood Wall



D – Valve Chamber



E – Motor Control Centre Building



F – ENWL Cabin electricity connection



G – Kerbing construction



H – Glass panel flood wall



Overall completion -



67%

A – Outfall

The new Stock Beck outfall into the river Kent.

B – 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).

C – Flood wall construction

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

D – Valve Chamber

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

E – Motor Control Centre Building (MCC)

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

F – Staff welfare cabins

On site accommodation for our staff working in this area.

G – Kerbing

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

H – Glass panel flood wall

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

Overall completion tracker

67%

What's happening this week

- **Motor Control Building** – The block work for the internal walls is currently at roof height. The Black painting on the block work is a sealant to give additional waterproof properties to the inner block work. Majority of the plinths have been installed and the stone cladding has started to take place.
- **Sewer Diversion** – The diversion works are continuing along St George's Walk. Last week piling was required as a dry excavated hole was needed to install the Manhole chamber. We understand the piling has noise and vibration impacts to properties in the area of Castle Crescent and we have been monitoring the impacts all week with vibration monitors in place. We have a maximum vibration tolerance procedure in place and whilst the vibration was at its greatest at the Church, it was well within tolerance at the properties, although we have recorded some reported impacts experienced by residents. There will be no Piling this week and we will continually update residents and businesses when piling works are programmed.
- **Wet Well** – The majority of the wet well structure is now complete. This is a 4.5m deep X 9m wide shaft that once complete will take water from Stock Beck in storm conditions. The frame as seen in the picture is in place to support the wet well ring as we penetrate the structure to allow the pump pipes to come through this gap.
- **Valve Chamber** – The valve chamber construction is on course and the next stage is to install the pipework, which will connect this to the Wet Well, as mentioned above.



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



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



Sewer Diversion – sheet piled dry working area with new sewer pipe

Kendal Flood Risk Management Scheme – you said, we did.....

Community concern	Action
Parking	
Castle Street parking opposite Henty Jackson's garage has been removed, reducing the available parking for residents and businesses.	As soon as the construction works on Castle Street enable us to start to return the parking bays we will. The parking bays are required by Volkerstevin as ducting works and cladding to the Motor Control Station will be underway. We have provided an additional x7 additional parking spaces which can be released in the Castle Street area by removing parking restrictions.
St George's Walk parking has been removed and is reducing parking availability.	St George's walk does fall within our construction area and therefore will be closed to parking and vehicle access. St George's Walk flood wall construction will start once the sewer diversion is complete which is currently underway.
Castle Crescent is continuing to have parking issues due to non-residents utilising the area to park.	Unfortunately, we have no authority to restrict parking in Castle Crescent and we would encourage non-residents to refrain from parking in this area whilst construction works continue.
Vehicle movements	
Potential issues for emergency services accessing Castle Crescent due to St George's Walk and <u>Castle Crescent road</u> restrictions	We are in regular contact with the emergency <u>services</u> and they are aware of the access arrangements. The addition of double yellow lines at the entrance to Castle Crescent from Castle Street will aid clear access for services.
Delivery drivers are continuing to access Castle Crescent for Thorny Hills whilst the access remains closed	Signage is in place on Castle Street and within Castle Crescent advising access for deliveries to Thorny Hills is via Little Aynon .
Pedestrian access	
Pedestrian and cyclist access arrangements	A signposted diversion is in place for all cyclists and pedestrians moving through the area.
Access to the riverside is restricted due to the works.	An informal footpath has been created from Castle Crescent to the riverside. Once construction is complete, this footpath will remain in place as an additional access point onto Gooseholme Common.
Gooseholme Common	
Why is the area adjacent to the site working area still fenced off reducing the use of the Common?	This area remains fenced off as it requires further attention by Westmorland & Furness Council following the reinstatement last year. This area was utilised as a working area for Story who constructed Gooseholme Bridge.
Site Compound on Gooseholme Common	
Working hours	Volkerstevin and their contractors' working hours are 8am to 5.30pm
Generator to power the site is noisy and giving off diesel fumes which is a concern for residents of Castle Crescent.	The electrical connection to the onsite cabins will be in place in April. This will remove the need for the generator on site. The generator currently in place has <u>ultra low</u> emissions with <u>a number of</u> acoustic barrier protectors around it to ensure noise is kept to a minimum. We have undertaken noise <u>monitoring</u> and the generator is operating within compliance and our planning consent.
Site lighting is shining into residents' homes at <u>night time</u>	The site is a working area and for safety and security the site is required to be visible during <u>night time</u> . There is <u>24 hour</u> security present and during the evenings the security team need to have full visibility of the site at all times. Ring lighting around the boundary of the site has been installed which is positioned at a much lower level with reduced brightness. Barriers around the perimeter of the site are also reducing the impacts.
Tarmac car park for contractor staff is an insult to residents who cannot park	We have <u>a number of</u> sub-contractors as well as vehicle movements on and off site. We need to ensure we have safe allocated space to monitor and manage all vehicle movements on site which are non-construction traffic.
Service Diversions	
United Utilities Sewer Diversion	The sewer diversion is currently underway and is the last of the diversions to take place. This is being delivered by Waitings , a sub-contractor of Volkerstevin .