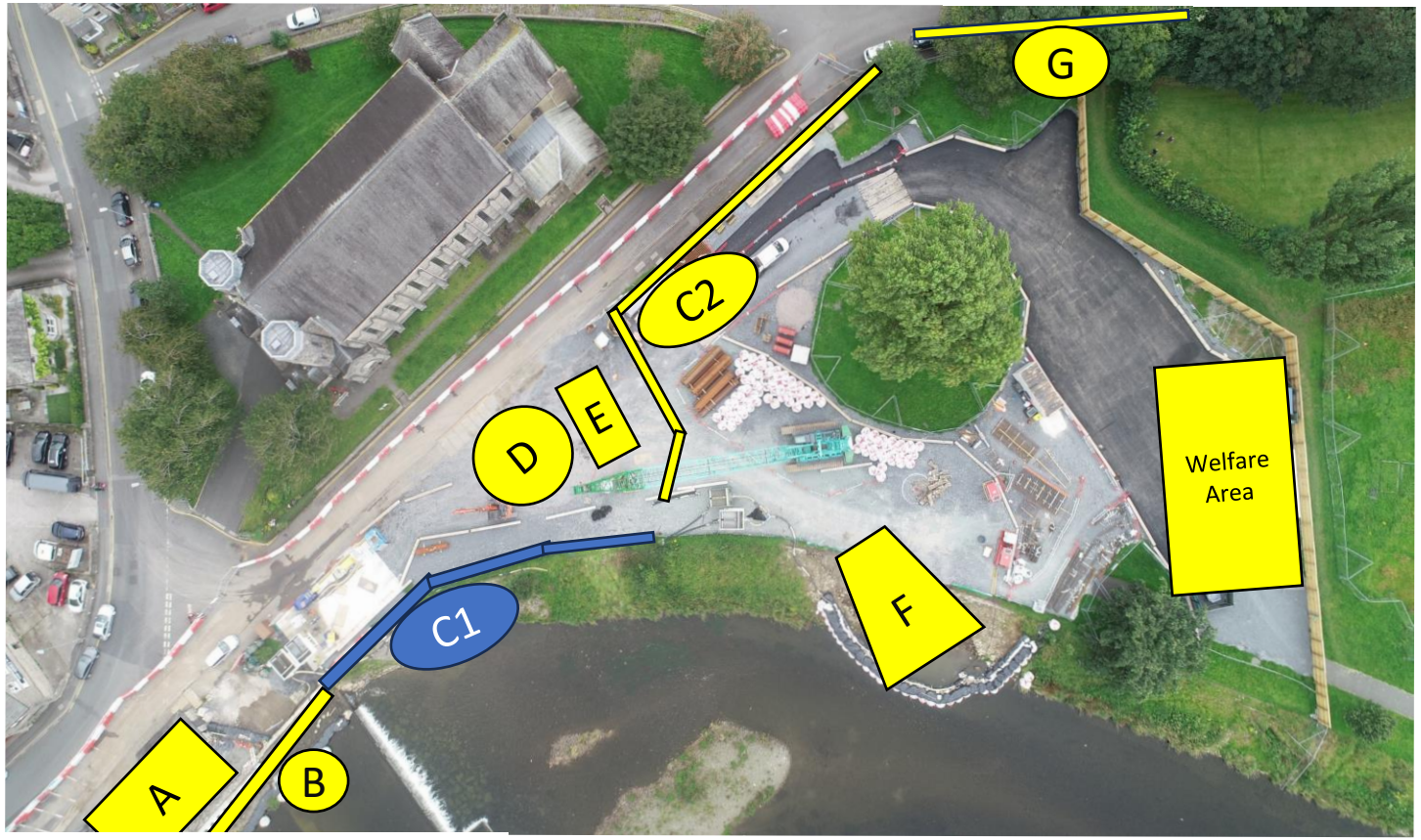
Kendal Flood Risk Management Scheme

Gooseholme Common progress as of 31st of March 2025



A – Motor Control Centre Building	95%
B – Glass Panel Flood Wall	COMPLETE
C1 – Flood Defence Wall	0%
C2 – Flood Defence Wall	50%
D – Wet Well Shaft	80%
E – Valve Chamber	80%
F – Outfall	80%
G – Kerbing Construction	COMPLETE

Overall completion -

75%

Kendal Flood Risk Management Scheme

Gooseholme Common Key

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.

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.

Overall completion tracker

European Union
European Regional Development Fund
NORTHERN POWERHOUSE
Environment Agency
Jacobs
wsp
VBA
VolkerStevin
Boskalis Westminster
ATKINS

Kendal Flood Risk Management Scheme

Gooseholme Common update for week of 31st of March 2025

What's happening this week

Wet Well – All work we can possibly conduct for the Wet Well has been completed; further works will be programmed in due course.

Valve Chamber – Next week the Valve Chamber area is being backfilled and reinstated in preparation for the flood defence wall construction which runs parallel to the Valve Chamber, following this piping will begin under the Flood defence wall and be connected to the outfall.

Flood Wall – A 21m stretch of flood wall is almost complete along St George's Walk. The valve chamber is being backfilled and reinstatement next week in preparation for the piling works to take place to begin the foundations of the flood wall, following this FRC (Framework, Reinforcement and Concrete) will be taking place over the next 4 weeks.

Outfall – The base and walls of the outfall have been completed. Next phase of works in this location will be to remove some of the sheet piling, clad the base and walls and install the safety screen. This will be carried out following flood wall construction and the connection of pipes from the valve chamber to the Outfall.

Motor Control Centre Building (MCC) – No Current updates to provide.

Waitings – This week Waiting's are to break out the old manhole that was attached to the old redundant sewer as it is on the planned piling line for the new flood defence wall. This activity will be slightly noisy as it does involve the breaking of concrete manhole. This activity takes place underground, with dust mitigation measure in place along with sound mitigation around the activity and the site. The Waitings team are also assisting the VolkerStevin team to begin digging out the pile line for Volker Ground Engineering to come on to site and commence the piling later this week.

Piling works – There are piling works to take place from **4th April for the next 2 weeks**. This is to allow for a new piled line for the new defence wall to be created, There will be Echo barriers surrounding the site to mitigate and noise disturbance the best we can. Vibration monitoring is in place on site to measure the activities disturbance and is recorded.

Site Cabins – Next Tuesday and Wednesday we are making some site arrangements to remove our 2 story Welfare unit and replace with a smaller 1 ground level cabin; this requires a crane to temporarily come onto site to place and remove the cabins. This is due to the site area coming to a close, and the reduction in workforce required on site at one time.

Saturday Working – Saturday the 29th there is no construction work taking place.

Kendal Flood Risk Management Scheme
FAQ's

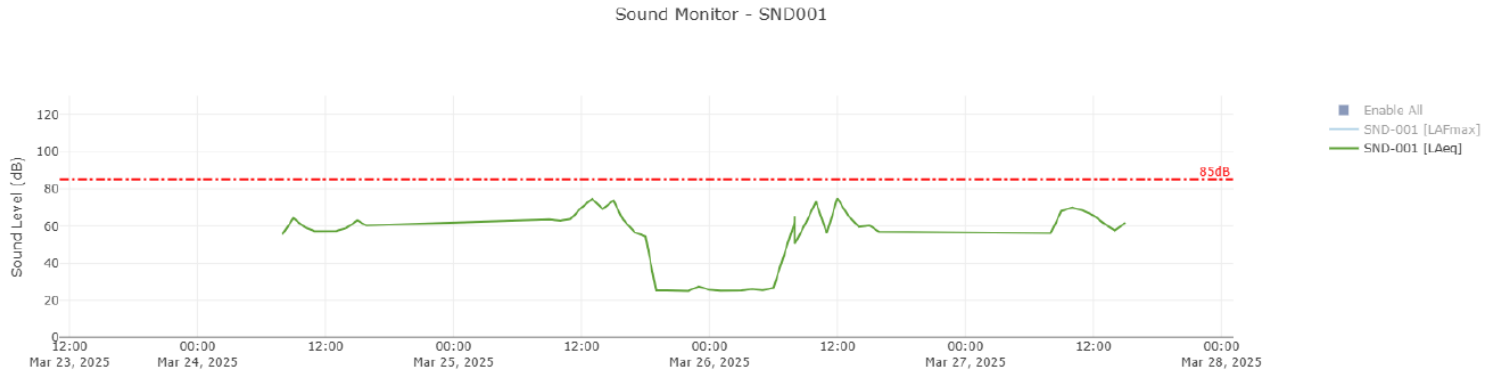
Construction vehicles started before 8am - We have been made aware of construction vehicle movements on site before 8am which has been reported previously. Volkerstevin site teams are briefed each morning, and the start times are reinforced. We are aware that sub-contractors undertaking site activities do often arrive at site earlier than 8am and start to mobilise. Volkerstevin have reiterated to those sub-contractors that any construction vehicle movements and associated construction activity cannot occur before 8am.

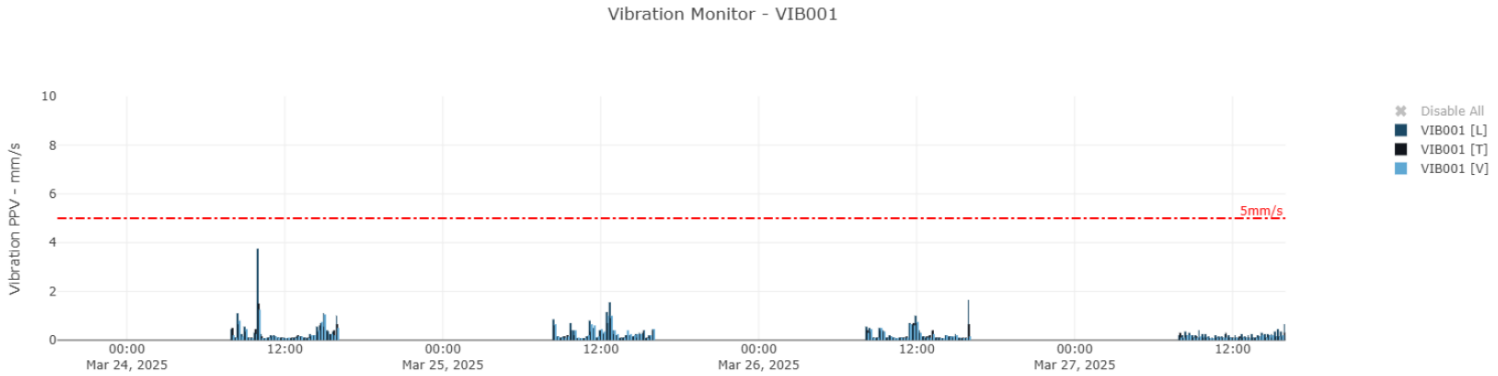
Site lighting shining into properties - The site lighting is a requirement to ensure the working area is visible during darkness and there has been this and adjustments over this and to try and achieve the balance of ensuring the site is always visible and keeping light impacts to a minimum. There have been occasions where the lighting has tilted or has been found positioned on the residents' side of the fencing. As soon as this has been reported it has been resurrected by the site team.

There may be occasions where tower lighting is needed on site to ensure visibility, particularly where there are deep excavated areas. Due to increasing daylight hours, the tower lighting is now no longer required and has been removed from site.

Is vibration and noise monitoring in place? - There is a permanent noise and vibration monitor located on St Georges Walk which takes readings of all site activities. The noise and vibration readings for all activities this week are shown below. The red line indicates the agreed threshold to ensure all activity sits below this and is in line with the Planning Conditions set by Westmorland and Furness Council.

Noise and vibration monitoring readings





vehicle but of the activities creating disturbance were not provided - Information on reinstatement of the excavated areas and the roller activity reported at the end of last week and the beginning of this week wasn't communicated to residents. This was because the reinstatement activity and compaction undertaken by the roller wasn't deemed by the team as an activity that would create noise or vibration. The initial concern was raised on Friday late afternoon and was reported to Volkerstevin. On Monday 24th March, the roller was downsized to a smaller vehicle but do appreciate further complaints have been received about the disruption to residents.

The old sewer decommissioning was a secondary activity that has been reported to us as causing noise and vibration disturbance. The decommissioning activity was communicated in the weekly Gooseholme update dated 17th March 2025.

What is the purpose of removing the old sewer pipe? - The old sewer pipe needed to be removed off site as the alignment of it fell underneath the line of the new flood wall.

Why were the sewer pipes broken up on site rather than being taken away? - The decommissioning activity did include some complete sections of the pipe being removed for breakdown offsite. Where sections were unsafe to transport, these had to be broken into smaller sections on site where they were transported off site for further breakdown and disposal.

Why were we not told about the sewer pipe breakout works before it occurred? - The sewer decommissioning works were communicated in the weekly Gooseholme update dated 17th March 2025. The noisy activities were kept to a minimum by only breaking up the pipes that couldn't be transported safely off site in one piece. The dust impacts experienced were exacerbated by the recent dry conditions on site and were caused by vehicle movements on the site access road rather than caused by the sewer breaking activity. Dampening of the site was undertaken during the works to try and reduce dust, and following further concerns the damping was increased.

Who is testing the soil and dust for composition/contamination as a consequence of the sewer break out activity? - The old sewer pipe as part of the decommissioning was jetted and cleaned by Andidrain to ensure there were no contaminants remaining in the pipe. This was undertaken to a standard to ensure the safety of our own staff and the public when the breaking activity was being undertaken.

Can site access be obtained for an independent surveyor to take dust/soil samples? - Site access is not possible by a third party as it is an active construction site. Any samples of dust can be taken from the public accessible areas in the vicinity of the work area and tested by an independent surveyor if you wish.