

Littleborough Flood Risk Management scheme

Phase 1B

Littleborough lies within the steep River Roch catchment, where multiple tributaries cause the river to rise rapidly after rainfall. The urbanised valley, shaped by its industrial past, includes altered channels, bridges, culverts, and weirs that increase flood risk. Building new flood defences will reduce this risk and deliver long-term benefits for the community and environment by lowering the chance of blockages, cutting carbon emissions from flood damage, and creating opportunities to enhance biodiversity.

Overall, the scheme will improve conditions for wildlife, residents, and visitors. Works will include flood defences, such as:

- Flood defence walls
- Embankment reinforcement and construction
- Habitat improvement
- Erosion control works
- Footpath improvement
- Flood storage basin (75,000 cubic metres)

The Environment Agency began constructing the Littleborough Flood Risk Management Scheme in 2021. Once complete, it will better protect 337 homes and 185 businesses.



Examples of carbon reduction

VolkerStevin's Littleborough team is setting a benchmark for Environment Agency CDF projects by prioritising sustainable, low-carbon solutions that can be replicated across the business. Key initiatives include:

- Low/Zero Carbon Sheet Piles
- Use of HVO
- Reuse of Material
- Water Management
- Hybrid Machines
- CCS Success

Milestones

Late 2023 - Phase 1a construction completed at river Stone Bridge

Littleborough Full Business Case was approved in September 2023, and 1B construction started in March 2024

Littleborough 1b planned completion early 2027

2023

2024

2027

If you have any questions or would like to get in touch, we'd be happy to help. You can contact us by:



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