

Outline design of the mine water treatment scheme

Water and Abandoned Metal Mines (WAMM) programme
Cleaning up rivers polluted by abandoned mines

This plan shows the outline proposed layout of the treatment scheme at our preferred site. Key features include:

- One or two treatment ponds will be built to remove the metals from the mine water. The ponds will be lined so they do not leak.
- Earthworks and planting of vegetation will help blend the ponds into the landscape.
- We will need to build a small stone building to house the instruments used to operate and monitor the site.
- The current design includes a wetland to polish the treated water before it is returned to the river. Alternative approaches are also being considered as part of the ongoing design work.
- The green line shows how much land we would need whilst building the scheme. The red line shows the smaller amount of land needed to operate the scheme.
- The existing stone walls are likely to be supplemented with new drystone walls to help reduce the visual impact of the scheme.
- The pipeline to bring the mine water to the treatment scheme and take treated water back to the river will be along the existing access track.
- We will also need to carry out work in the camping barn car parking area to capture the mine water and put it into the pipeline.

The current proposed layout is subject to change whilst we carry out further investigations and engage with the public and other stakeholders.

We want to hear your thoughts!

