

Compounds

What are compound areas?

We'll create compound areas to store equipment and provide offices for the project team during construction.

As well as this, it will also need to provide areas for parking, surface water management and material storage from the tunnelling activities. A 15m shaft will also be required to allow access into the ground for the Tunnel Boring Machine.

For the Haslingden & Walmersley section, we will need to have several working areas along the tunnel route.

What will the work involve?

In most locations we'll be using specialist tunnelling machines to construct an underground route and install the new sections of pipe. Although the majority of work takes place beneath the surface, it does require large machinery with considerable sized working areas at the end of each tunnelling route.

At either end of the tunnelling we will need to create a trench in the ground to allow connection onto the existing pipes.

Our initial site investigations have identified areas of old underground mines along the route of the new proposed pipeline. Before work starts on these areas, we need to ensure they are safe, secure and stable and therefore a process of mine grouting needs to take place.

Mine grouting is a process of filling these sections with a liquid substance, which is injected into the ground from the surface through a series of boreholes.

We do understand that construction projects like this are inconvenient. Throughout the planning stages, and by listening to your feedback, we'll do all we can to minimise disruption while this important work takes place.

Potential impacts

Visual and noise impact: This is a large construction project so you will notice and hear our teams as the work takes place. We will try to keep noise levels down, and will keep in contact with local communities throughout construction.

Tree and hedgerow removal: We will try at all times to minimise the impact on trees, hedgerows and the environmental impact while setting up our working areas and access points.

We expect construction of this section to last around six years

Examples of a compound area and equipment



Example of a Tunnel Boring Machine



Example of a compound area

Working hours

A tunnelling machine will be working underground to dig the way for the new pipe, once it sets off it will run 24 hours a day.

Vehicle movements to and from the compounds will be limited to 7am - 7pm during the week and 7am - 1pm at weekends.

We will keep the Council and communities updated if this needs to change.