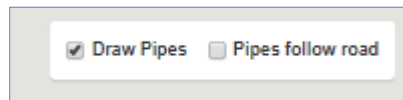# Pipe Network Entry

The pipe network is drawn from the Enigma3m map correlation page.

Pipe Network Drawing

Pipes are drawn between loggers and/or nodes. A node, which indicates a pipe junction, can be created by right clicking on the map.
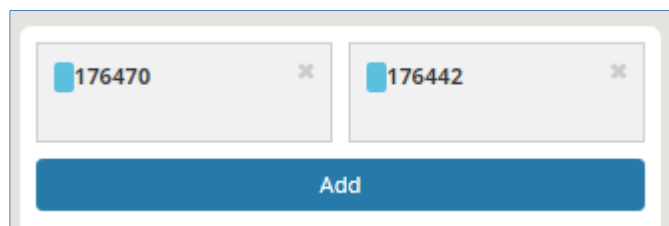

To enable pipe drawing mode check the Draw Pipe checkbox toward the top right of the map screen.
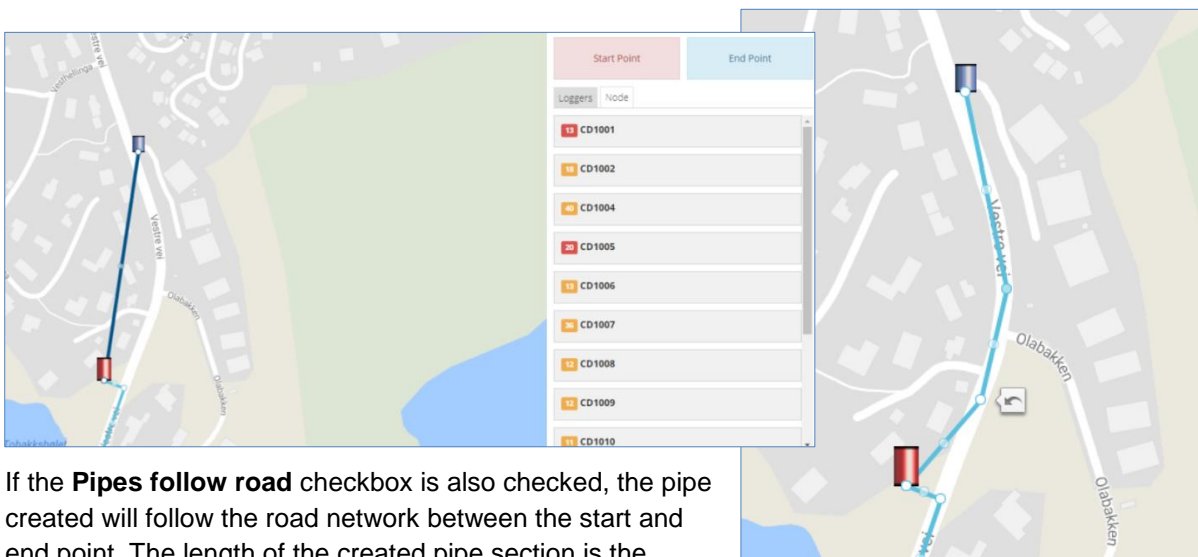

A list of available loggers and nodes will be displayed.

The start and end point of a new pipe can be selected by either clicking on the item on the map or by selecting from the list.
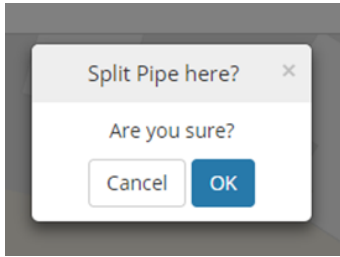

Once the start and end point have been selected, press Add to create the pipe.

By default the pipe created will be a straight line between the start and end points. Once drawn smaller white markers can be used to drag the pipe to be a different shape. This does not change the length of the created pipe section.

If the **Pipes follow road** checkbox is also checked, the pipe created will follow the road network between the start and end point. The length of the created pipe section is the distance initially measured by Google maps.

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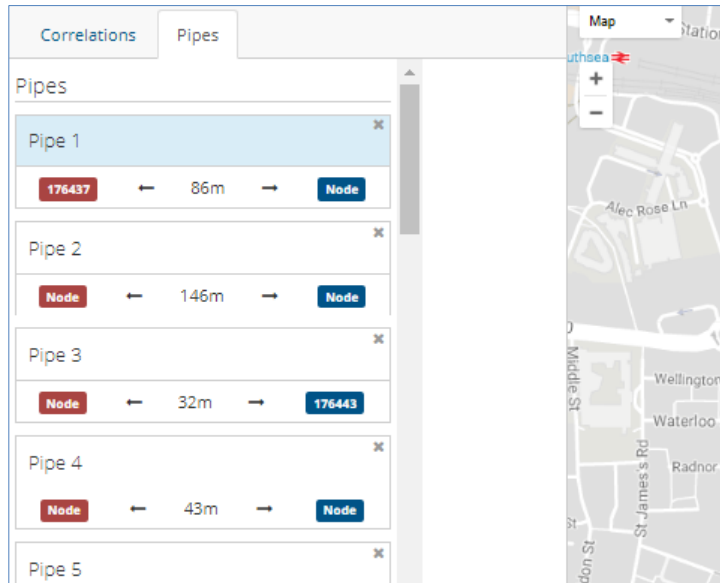technology for network management and leakage control

To split a pipe and add a node for a pipe junction, simply right click on the pipe at the appropriate location.
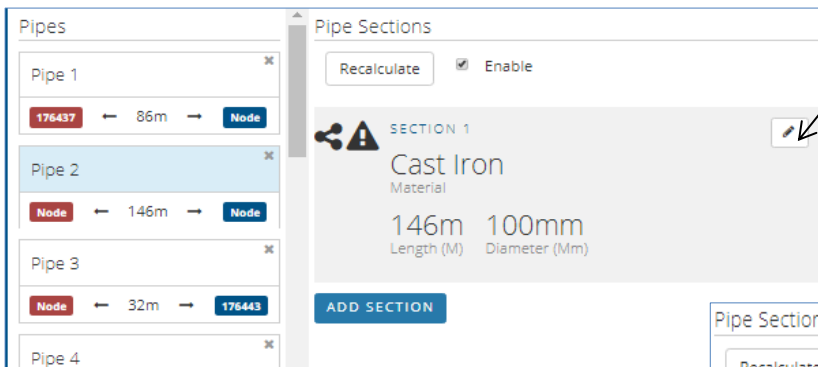
A prompt will confirm the split. Other pipe sections can then be started from this new node.

A list of the pipes is created under the Pipe tab to the left of the screen.

To delete a node right click on the node in the map. To delete a pipe, click on it, it will be highlighted in the list on the left and press the X in the top right hand corner.
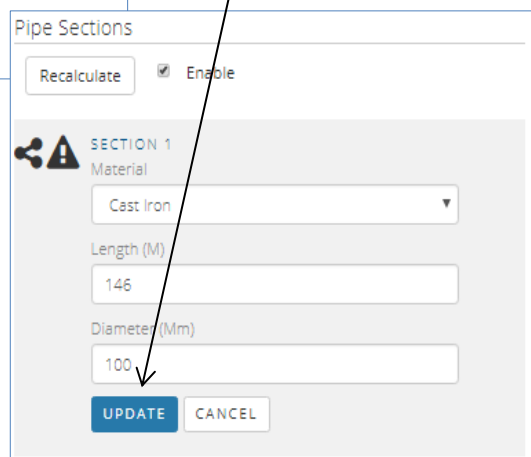
Once all the pipe sections have been drawn between the loggers, individual pipe sections can be edited. To edit the pipe details, exit the pipe drawing mode by unchecking the **Draw Pipes** checkbox. As pipes are highlighted either on the map or in the list, further details about the pipe sections are displayed.

To update the details, press the **Edit** button.

The material, length and diameter can all be selected. To save any changes press the **Update** button.

A **Recalculate** button allows the pipe length to be recalculated from the selected path on the map. A pipe section can be disabled by unchecking the **Enable** checkbox. If a pipe section is disabled it will not be used for determining a leak position. By default, PrimeWeb will always use the shortest pipe route for leak position. By disabling a pipe section PrimeWeb can be forced to use a different longer pipe route. If a new repair has been made in the network, the **Add Section** button can be used to add another pipe section onto an existing pipe.

Enigma3m training videos available for deployment and data processing at;
www.primayer.com/training/Enigma3m