



Supply line for raw water

Case study: Laholmsbuktens VA

The Municipality of Halmstad sources its drinking water from groundwater, and during 2017 actions were taken to prepare for possible problems that could arise due to low groundwater levels.

This meant they had to find a quick alternative and temporary solution for their drinking water supply.



The Project

The Municipality of Halmstad prepared for possible problems with low groundwater levels, which might result in a critical shortage of drinking water. The situation had to be solved quickly to prevent a possible crisis.

The plan was to pump raw water from a new source to a new water treatment facility.

The solution

Alvenius was contracted to deliver 3,600 metres of Ø 219 mm FlowMax® pipes, including quick couplings and pipe-fittings.

The complete system was coated with CorroFlo® and RocShield® for maximum anti-corrosion protection and to minimise the risk of external damage. This highly efficient anti-corrosion protection ensures the pipe system is extremely durable.

The 3,600-metre quick connect FlowMax® system was installed quickly and easily by two installers without any needs for machinery or advanced tools - all they needed were socket wrenches.

The entire system was installed in less than three weeks.

Customer benefits

- Very quick and easy installation
- Light weight pipes for improved working environment
- Flexible couplings allow deflection following the topography
- High resistance to external wear and tear
- Pipes can easily be re-used for other installations

Project facts:

Pipe system length: 3,600 m

Dimension: 219 mm

Application: Raw water supply



Member of Boxholm Group

