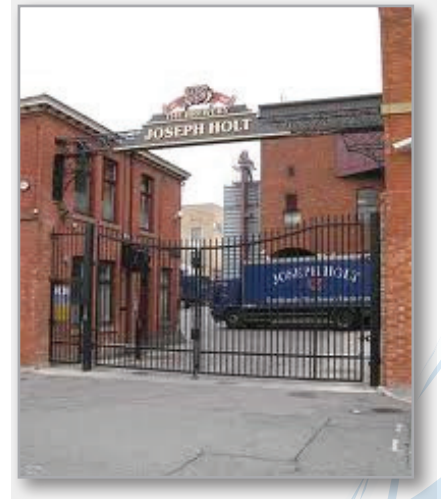


## Joseph Holt Ltd

**Renowned Manchester based brewery Joseph Holts use up to 10 m3/hr of borehole water in their awarding winning beers.**

In order to ensure the quality of the water used it is first treated in a number of stages before being blended prior to use in brewing. Treatment stages include Iron and Manganese removal, Activated Carbon filtration, and Reverse Osmosis (RO), including a RO concentrate recovery stage to reduce water wastage.

When Joseph Holt Head Brewer, Keith Sheard ran into operational problems recently with his water treatment plant the obvious place to turn was to AllWater Technologies Ltd. AllWater MD, Derek Spriggs originally worked with Keith on supply of the water treatment plant some 8 years previously and the plant was commissioned by AllWater Service Director, John Nicholson.



“Having had the opportunity to work with Keith since the plant was originally installed I was excited to have the chance to work with him again and continue supporting Joseph Holt” said Derek.

Initially a visit was made to site in order to assess operational problems and this was followed by carrying out independent water analysis by an accredited laboratory. A further visit was then made in the company of a RO chemical manufacturing specialist and a strategy was developed with site to implement a number of improvements, including monitoring of antiscalent dosing, replacement of the antiscalent and make-up dosing tank & RO membranes and a thorough cleaning of RO feed pipework and tanks.

“The works were carried out to schedule, with the minimum of disruption and have already proved their worth” said Head Brewer Keith, “We are pleased to have chosen Derek and the team at AllWater to assist with plant improvements and look forward to their continued support”.

Following on from the initial remedial work Joseph Holt awarded AllWater Technologies Ltd a contract for ongoing service and callout support, and indeed, has now renewed this for a further year.

