SEVERN TRENT

Case Study

TECHNOLOG

AMETEK

Chlorine Monitoring



United Kingdom

- ✓ Increased water safety
- ✓ Rapid return in product investment
- ✓ Improved network efficiency
- ✓ Reduction in operating costs
- ✓ Easy to implement





Project Overview

Severn Trent Water (STW) serves over eight million people in the heart of the UK, supplying nearly two billion litres of drinking water a day to the highest European standards. STW operates in an area of more than 21,000 square kilometers, stretching from the Bristol channel to the Humber estuary and from mid Wales to the East Midlands. This area takes in the basins of the River Severn and River Trent including Birmingham and ten other major industrial cities.

Chlorine is added to the water supply to eradicate pathogens such as bacteria and viruses. This process is very effective in eradicating known bacteria such as salmonella, E.coli and many other naturally occurring water born viruses.

Technolog equipment is used to monitor chlorine levels at strategic points in the water distribution network. This allows STW to identify areas with variable chlorine levels and take informed action to reduce the number of customer complaints.

Key Elements

- Easy deployment
- Automatic daily updates showing chlorine level at 15 minute logged intervals
- Transmission of live data upon an alarm event
- Secure web based analysis

Key Outcomes

- **Identification of areas with variable chlorine levels**
- **Ability to perform short-term analysis prior to installing permanent dosing stations**
- **Implementation of appropriate secondary dosing points within the network**
- **Continuous monitoring of strategic points**
- **Reduced customer complaints**

Technolog Limited,
Ravenstor Road, Wirksworth,
DE4 4FY, United Kingdom

+44(0)1629 823611
technolog@technolog.com
www.technolog.com

Copyright Technolog 2017
All rights reserved. Specifications subject to change without prior notice.
CS91013 & DMR 7001