



# CASE STUDY

## Healthcare Facility

### The Client:

A large university hospital with a campus of over 20 buildings, including acute care and transplant facilities.

### The Problem:

To determine the *Legionella* colonization status of key buildings and to provide consultative services to formulate an appropriate and cost-effective response to monitoring results and to develop campus-wide water safety plan.

### The Challenges:

The location and circumstances of the facility presented some unique challenges. Changes in water quality caused dramatic changes in *Legionella* colonization and the varied spectrum of building occupants made a simple one-dimensional plan of action impractical.

### The Evidence-based Approach:

SPL and its consulting team developed a multi-dimensional approach for management and control of *Legionella* that was tailored to the unique circumstances and characteristics of this client.

All elements of our multi-disciplinary approach were brought to bear for the client. These included:

- Clinical consultation from our Medical Director to address patient management issues.
- Microbiological analysis and interpretation of results in view of local, state and national guidelines and standards.
- Coordinated water treatment and engineering support to effectively develop, communicate and execute the plan.

### The Outcome:

The client implemented a multi-tiered assessment and remediation plan. The unique experience and knowledge of SPL and its consultants identified and addressed important obstacles to successful control of *Legionella*.

A key factor in the success of the project was our ability to effectively communicate an evidence-based approach to all members of the management team. This integrated approach achieved the desired results; a water safety plan that effectively managed and controlled *Legionella* within this healthcare facility.

### The Impact:

This healthcare facility did not waste precious time and money by implementing unnecessary disinfection measures. Instead, they effectively addressed the issue of *Legionella* in their building water systems by relying on “The Legionella Experts”. **This is the SPL Advantage.**