



**Legionella Reduction Test Results with Flow-Tech Chemical-Free  
Water Treatment System at Akademiska Sjukhuset  
(Academic Hospital) in Uppsala, Sweden**

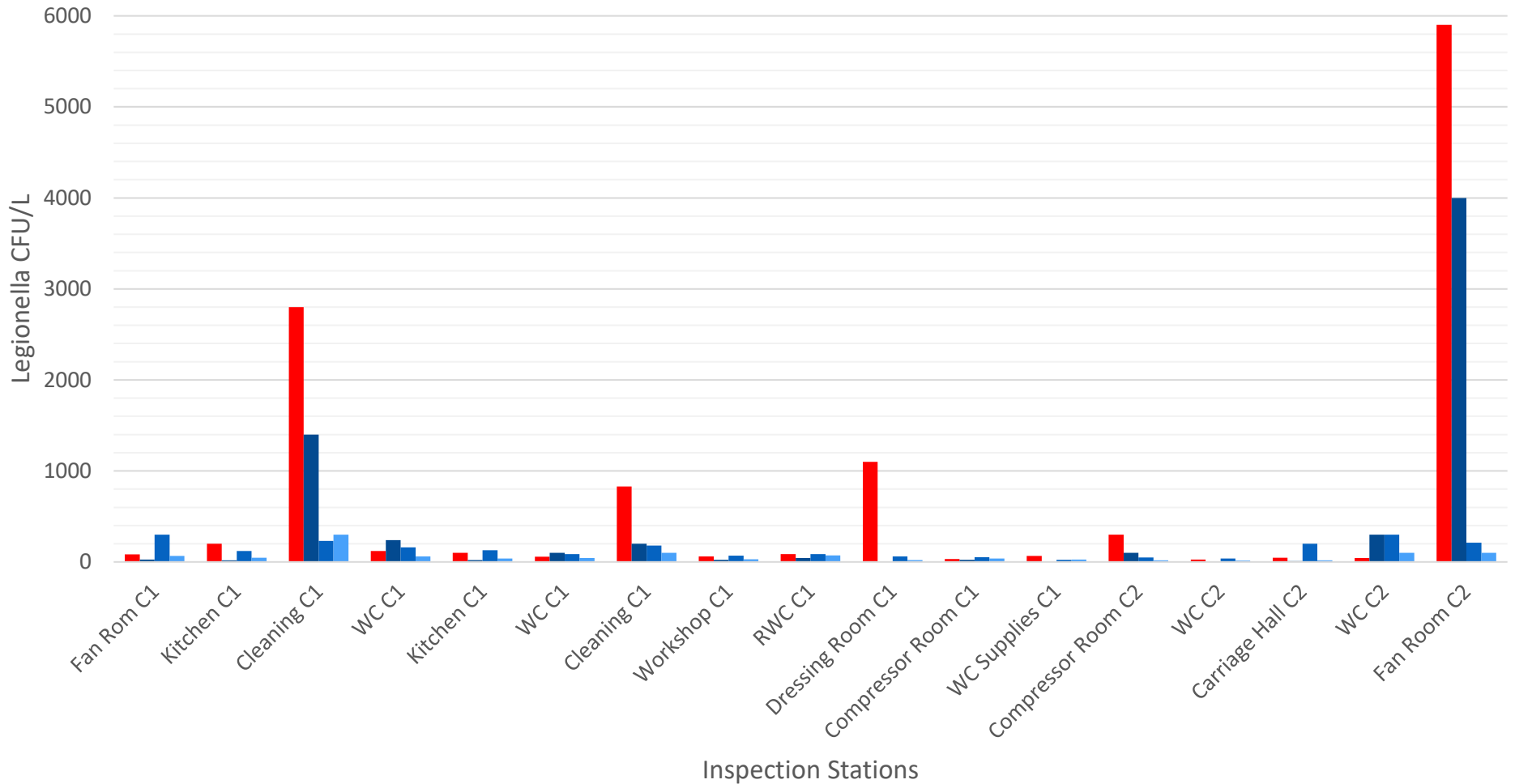
**November 1, 2017**

The pilot project was commissioned by Uppsala Property Operations. The purpose of the experiment was to review the use of equipment from Flow-Tech Systems to reduce biofilm, and thereby reduce the risk of growth of Legionella in hot water lines, as well as see if the technology could reduce the need for hot water system flushing.



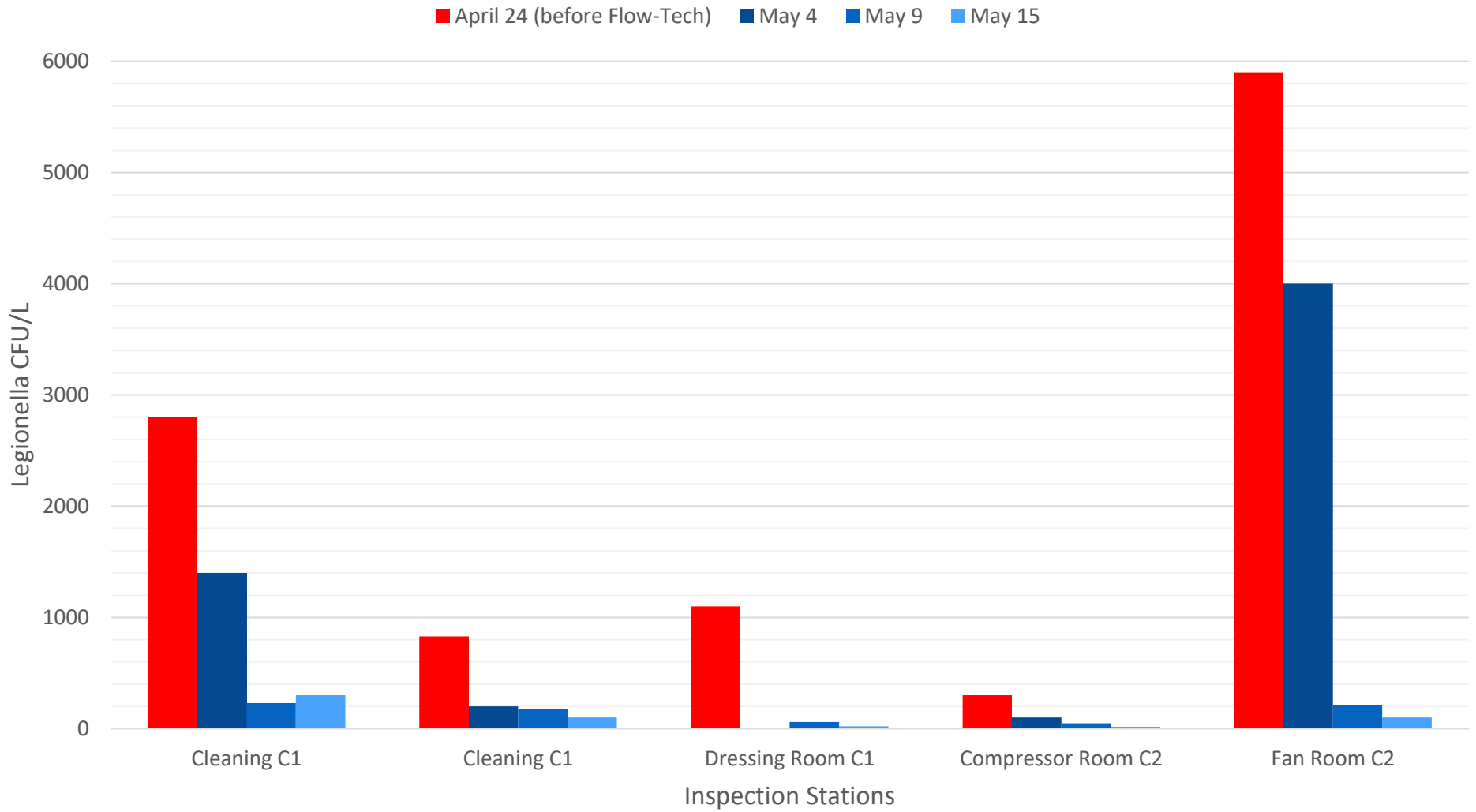
### All Locations - Legionella Species (CFU/L per Station - City Water)

■ April 24 (before Flow-Tech) ■ May 4 ■ May 9 ■ May 15

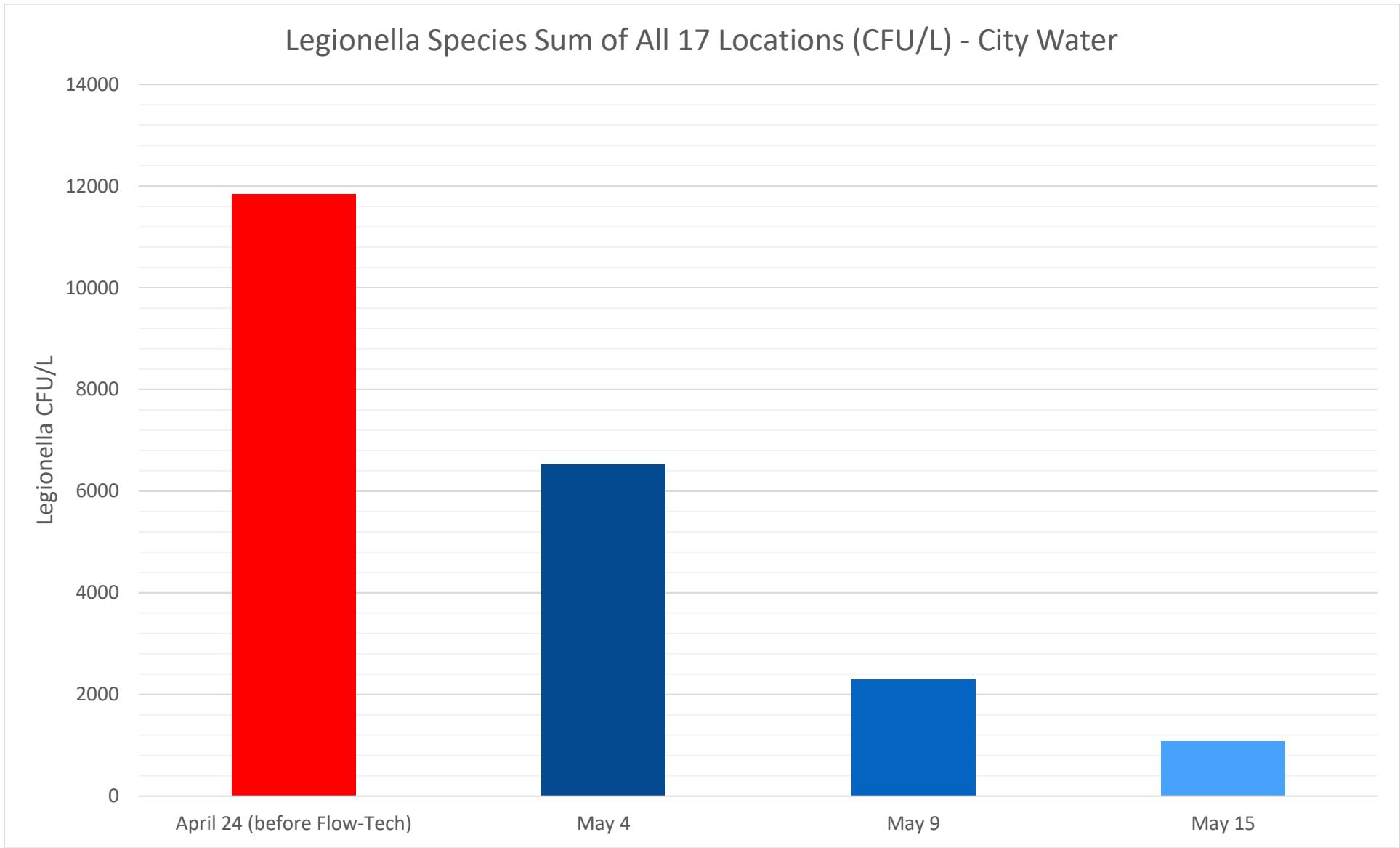




### Top 5 Most Infected Locations - Legionella Species (CFU/L per Station - City Water)



Legionella Species Sum of All 17 Locations (CFU/L) - City Water



Room	Distance from Flow-Tech (in feet)
Fan Rom C1	180
Kitchen C1	82
Cleaning C1	154
WC C1	197
Kitchen C1	59
WC C1	59
Cleaning C1	98
Workshop C1	66
RWC C1	105

Room	Distance from Flow-Tech (in feet)
Dressing Room C1	131
Compressor Room C1	164
WC Supplies C1	207
Compressor Room C2	223
WC C2	295
Carriage Hall C2	220
WC C2	344
Fan Room C2	344

This pilot project is very valuable. Use of the tested technique appears to be a reasonable addition/alternative to treating water for a general purpose to keep bacterial levels down.

Jonas Långmark, PhD  
Microbiologist  
Malungsfors, 2018-01-19