



Project Profile

Water Efficiency

Ottawa, Ontario

SUMMARY:

Water & Energy Efficiency Upgrade. The general goal of the project was to reduce the water consumption in the building in question and calculate energy savings for lower hot water usage. More specifically, the work required HSP to determine which water closets need to be replaced with low flow units, which sink faucets should have aerators installed or replaced and which shower heads should be replaced with low flow type fixtures. Calculations included water savings, energy savings, return on investment period and reduction in Green House Emissions.

The building in question is a federal government administration building in Ottawa. The building was constructed in 1956 as a four storey plus basement structure with 6,400 m² of useable space. The current tenant capacity was approximately 256 occupants throughout the "L" shaped four stories with one basement level and a central penthouse.

HSP's involvement was to provide mechanical engineering services for investigation report the design and the implementation phases of the project.

