

Cost Savings... €1,470 / Annum

Investment..... €2,350

Payback..... 1.6 Years

Environmental Benefits:

Water reduced: 99%

Waterless Urinals Save €1,470 for Bar/Restaurant Per Annum

THE STRAND BAR & RESTAURANT - SLIGO



Description of Property

The Strand Bar & Restaurant, located in Strandhill, Co Sligo, was established in 1913.



Project Description

Water conservation has gained a lot of attention during the last few years as businesses have identified water as a significant utility cost.

To address the issue of increasing water costs for commercial buildings, The Strand Bar and Restaurant identified a solution for water conservation in their urinal system. At the time, there were six conventional urinals on the premises served by a 20 litre cistern. In addition to excessive water consumption, cleaning detergent and urinal blocks were used for maintenance of these urinals.

A proposal was made to retrofit the conventional urinals with inserts containing a chemical trap which allows the urinals to work completely without water or flush valves. The system is touch-free, easy to install, improves restroom sanitation and eliminates odours.



The Results

The cost-benefit-analysis revealed a total saving of €1,300 per year on water charges and €169 in maintenance costs from installation of the new waterless urinal systems, giving a total saving of €1,469 per year. The project's estimated cost was €2,350, and the estimated payback time was 22 months.

Since the installation of this waterless urinal system in the Strand Bar and Restaurant in 2009, the cost of these systems has reduced dramatically, meaning that pay back periods are now in the region of six months.

