

# Indoor Water Efficiency Audit

## Case Study: MAPLE LODGE FARMS

### The Company:

Maple Lodge Farms was established in 1955 and has since expanded to become Canada's leading independent chicken processor. It produces a variety of poultry products and employs approximately 2,200 people.

Since 1990, Maple Lodge Farms has been certified by the Islamic Society of North America and is committed to insuring that its Zabiha Halal fresh chicken is slaughtered in accordance with Islamic Law. In proudly maintaining that certification, the company has provided its Islamic customers with peace of mind by knowing they're receiving the best of Halal.

Maple Lodge Farms processes over 300,000 chickens each day and annually delivers about 150,000 tonnes of chicken products around the world.

### Water Savings Solutions:

#### Installed Air-Chilled Process Line

Maple Lodge previously chilled most of its chickens by conventional water chilling. This water chilled line was replaced with an Air-Chilled Line that cools the chickens with chilled air.

#### Economic Benefits:

\$52,982 annually based on water reducing measures, plus a one-time Peel rebate of \$68,750.

#### Water Savings:

71,500 m<sup>3</sup> of water annually or 275 m<sup>3</sup> per day.

Water Reducing Measures	Cost of Implementation	Cost Savings (Rebate)	Water Savings (L/day)	Annual Savings
Air-Chilled Line	\$2,923,112	\$68,750	275,000	\$52,982

*"We are committed to being a leader in our business and in environmental conservation. This system has greatly assisted in reducing our daily water demand."*

Nigel Bourke, Engineering Services Manager



Consulting services provided by

