



## Hospitality Green Water Challenge – Case Study

### Client

Green Hospitality Initiative (GHI) was a partner with The New York City Department of Environmental Protection in a program to support NYC restaurants reduce water consumption by 5%. We developed a process to benchmark usage, develop a plan of action, engage employees and finally implement the plan and measure results. We identified both low and higher investment opportunities within the restaurants. Below is a case study on Macelleria, a 4500 sf Farm to Table restaurant where we conducted a training.

### Opportunity Areas

The following are the low and higher investment opportunity areas that were identified:

- Developing an employee leak detection program
- Retrofitting bar, kitchen and prep sinks
- Retro-commission walk-in coolers and ice machines for greater efficiency
- Replacing water cooled HVAC Equipment

### Objectives

One critical factor throughout the entirety of this project was to engage ownership and staff in the goals of the program. The Macelleria team was very pro-actively involved in all aspects of the program and that a primary reason for the degree of success they achieved. We plan to use their work as a model for other restaurants looking to contribute to water conservation while promoting a stronger financial bottom line for their business.

## Work Performed & Results

The project savings (both gallons of water and dollars) can be found in the table below.

Projected Water Reduced and Dollars Saved at Macelleria January 1, 2015-December 31, 2015			
Water Usage 2014	Projected Water Usage 2015	Projected Gallons Saved & Percentage Saved	Projected Yearly Savings in Dollars (approx \$.01/gal including sewer charges)
2,800,000 Gallons	2,483,000 Gallons	317,000Gallons 17 % Savings	\$3170.00



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