

# The Waianae Store. Ice Machine

**Location:** Oahu, Waianae Hawaii

**Case study:** 165 days

**Goal:** Significantly reduce scale build up in Ice machine

## Installation Details

**Model of Water Conditioners:** S38

**Pipe Diameter (OD):**

**Pipe Material:** PVC

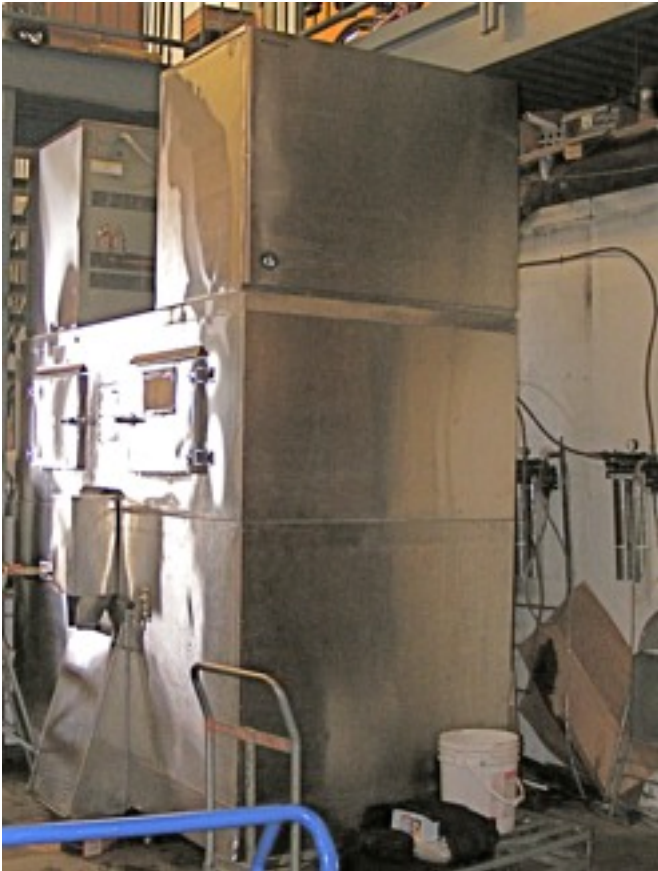
**Installation location:** between the filtration pump and the filter

**Installation Date:** June 2, 2011



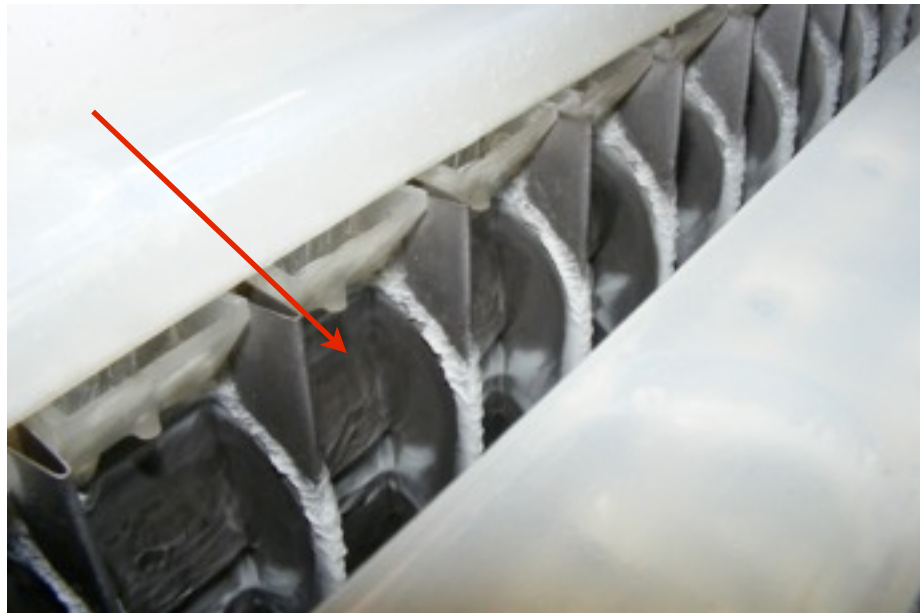
Ice Machine

A S38 water conditioner was installed June 2, 2011.  
At which time all filters were shut off





Limescale build up, before HydroFlow, formed typically in 3 months even with the water filtration. After the installation of HydroFlow there is almost no scaling, only a soft gel paste which is very easy to remove.



### **Field Conclusion**

**Limescale build up reduction:** The increased performance was noticeable within 20 days.

**Maintenance:** The property conducts quarterly cleaning and inspection regardless. The ice machines quarterly maintenance and cleaning is taking 1/6 of the time or less, which is a substantial savings in labor. Hydroflow will improve the performance of the equipment through out the quarter, and reduce maintenance.

**Estimated Return on Investment due to maintenance cost savings:** 12 to 18 months.