



# CITY OF BEND WATERWISE SUCCESS STORY

## Xcel Fitness & Crossfit and Green Plumbers USA

**XCEL FITNESS  
WENT THROUGH  
EXTENSIVE  
PLUMBING  
UPGRADES**

**A FACILITY  
AUDIT REVEALED  
LEAKS AND  
INEFFICIENT  
FIXTURES**

**XCEL FITNESS  
PARTNERED  
WITH GREEN  
PLUMBERS USA**

**MONTHLY WATER  
CONSUMPTION  
DROPPED  
OVER 60%**

Xcel Fitness of Bend (2410 NE Twin Knolls Drive, Bend, OR 97701) is a 20,000 square foot fitness facility located on Bend's east side that routinely asks members "What does fitness mean to you?" Responses range from "Getting back to be the athlete I once was" to "Finishing a race before my husband" to "Giving back to yourself every day." Some just love to stay fit – period.

Staying fit and maintaining one's health is a lot like taking care of a facility or structure. Frequent preventative maintenance prevents major issues down the road, right? Right. So when it was time for Xcel Fitness owner Israel Love to invest in some facility plumbing upgrades and preventative maintenance he didn't waste any time. He contacted Jon Cruz of Green Plumbers USA to come take a look at his facility and help identify opportunities for increasing the facility's water efficiency.

Green Plumbers USA is an organization focused on water efficiency and works in a variety of methods to further its mission of creating sustainable communities. One of those methods includes plumbing contractor education and certification. A certified Green Plumber has proven excellence in Green Plumbers' five point education requirements that include education, integrity in workmanship, commitment to the environment and the community, superior service, and customer satisfaction. Cruz tapped ReNew Plumbing and CPS Plumbing for the improvements.

Jon's team conducted a brief audit of the facility and discovered that opportunity to increase water efficiency was plentiful. "The toilets in each of the men's and women's locker room were in need of replacement as well as the existing shower heads and sink faucets" Cruz said. He added "Most of the fixtures within the building were out of date when compared with today's standards for water efficiency." Jon's team also took a look at the facility's historical water consumption with the help of City of Bend water conservation staff. They discovered that monthly water consumption was approximately 5,500 cubic feet per month, or just over 41,000 gallons.



Xcel Fitness & Crossfit owner Israel Love tapped Green Plumbers USA to increase his facility's water efficiency.

*For more information please visit:*

**WATERWISE TIPS**  
.**org**  
*"Water isn't all you save."*

541-317-3000  
conservation@bendoregon.gov



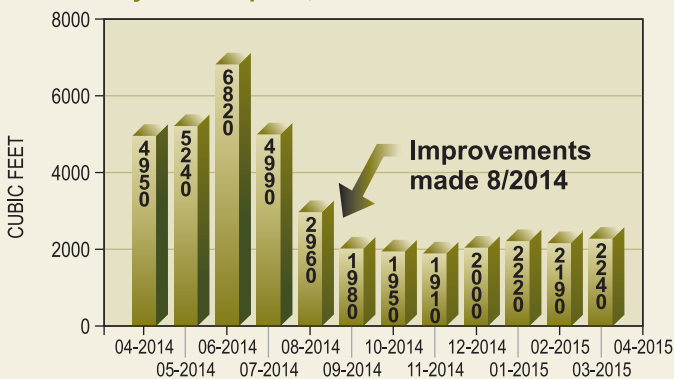
Faucet aerators were added to all faucets in the facility reducing flow rates down to 1.0 gallon per minute.

Jon and his Green Plumbers USA staff partnered with Love to develop a plan of attack and got to work shortly thereafter. Together they replaced seven toilets, two urinals, six shower heads and added seven faucet aerators. All of which were EPA Water-Sense labeled devices or high efficiency models from Niagara Conservation. Total cost to make the improvements was \$3,150.00 Cruz notes that in most instances Green Plumbers can offer their customers financing options to help cover the traditionally high upfront improvement costs.

A post improvement analysis reveals incredible results. Xcel Fitness went from an average monthly consumption of 5,500 cubic feet per month to a new average of approximately 2,040 cubic feet per month. The 63% drop in average monthly water consumption equates to approximately 25,000 gallons of water conserved each

### Xcel Fitness Water Consumption Post Improvement

Monthly Consumption, 01-01-2014 to 03-31-2015

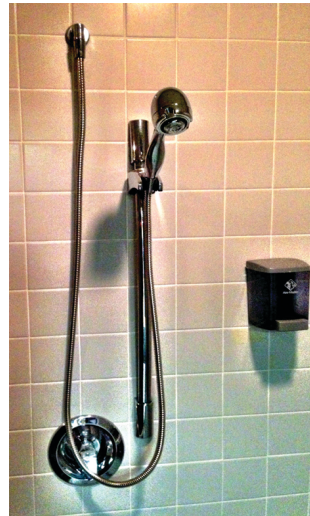


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*"Water isn't all you save."*

month or over 300,000 gallons annually. That's 300,000 gallons each year that gets pumped, treated and distributed, but serves no purpose. It's simply wasted.

The long term health of any facility depends on regular investment in preventative maintenance. People are no different. So, just like Xcel Fitness asks its members "What does fitness mean to you?" we might also ask what we can do to increase building or facility fitness. Is it in need of some plumbing preventative maintenance and efficiency upgrades? Could energy consumption be improved? Is it still structurally sound? These are questions that most facility managers are likely familiar with and worth reexamining on a regular basis as facilities age, technology improves, and rate structures change. Facility "fitness" depends on it.



Shower heads and toilets were updated with more efficient EPA WaterSense labeled devices.

For more information about Green Plumbers USA or to find a locally trained Green Plumber visit [www.greenplumbersusa.com](http://www.greenplumbersusa.com).



#### Accommodation Information for People with Disabilities

To obtain this information in an alternate format such as Braille, large print, electronic format and audio cassette tape please contact Karin Morris at 541-693-2141 or email [kmorris@bendoregon.gov](mailto:kmorris@bendoregon.gov).