

## HOSPITALITY CASE HISTORY:

### AquaRecycle<sup>®</sup>—Solving the Problem of Rising Costs

**Customer and Opportunity:** A major hotel in the Houston Galleria District noticed that their laundry water, sewer and energy costs were rising. The hotel management hired a laundry consultant to evaluate the on premise laundry in order to provide the best possible solution given their plans for future expansion. The plan for the laundry was to continue to handle the existing work as well as add the laundry being done at its sister property. The consultant looked at all options including replacing the majority of the existing washer extractors with CBW/tunnel washer technology. The consultant was to consider overall economic impact, linen quality, reliability of the operation in providing linen for both properties in addition to the environmental & sustainability opportunities that might be available with the project. The consultants study also included the concept of Laundry Water Recycling. The engineering department, hotel Management and hotel owners all wanted to employ the "Best Available Technology".

**Solution:** AquaRecycle<sup>®</sup> was chosen as the Best Available Technology to meet the needs and goals of the project. Based upon the laundry system size, a 100 GPM AquaRecycle<sup>®</sup> Full Recycle System was installed in December 2006.

**Results:** Since January 2007, the AquaRecycle<sup>®</sup> system has recycled more than 74% of the water that used to go to the sewer after one use in the laundry. They have conserved over 8 million gallons of drinking water to date and prevented the same amount of chemical laden wastewater from going to the sewer. In addition, the reduced volume of water going to the sewer is now treated prior to discharge. As such, it contains substantially less suspended solids and chemicals to be sent to the waste water treatment system and environment. The monthly heat energy / natural gas savings from the hot water recovery in the laundry water has prevented over 180 metric tons of Green House Gasses in the form of CO<sub>2</sub> from entering the atmosphere out of the water heater / boiler stack to date.

**Cost Savings:** Our customer is saving over 8 million gallons of water, sewer & energy costs annually when compared to the former, once-thru laundry water operation. The annual cost savings exceed \$120,000 in water & energy, and the project is on target for a payback in less than 2 years.

### One Billion Served – An AquaRecycle<sup>®</sup> Milestone

A billion seems to be the magic number these days. Whether it's someone's net worth, a country's population, or how many hamburgers served by McDonalds, a BILLION is a milestone. AquaRecycle<sup>®</sup> is excited to report that on March 1, 2008 we have recycled over 1 billion gallons of water. Since Wellstar Healthcare Laundry was first installed and started up 7 years ago, we have installed and started up over 60 systems. We are currently recycling almost 40 million gallons per month and expect to break 50 million in the coming months.



While it took us 7 years to get to one billion, at our current rate it will take us 20 months to break another billion gallons. Since we project breaking 100 recycling system installations by the end of the year, the chances of breaking another billion gallons in the next 12 months is very good.

As of March 1, our customers have recycled 1,001,817,304 gallons of wastewater while using 433,495,080 to wash linens. This represents a 70% recycle rate over the life of all the systems, which is a number we are very proud of.

So, if we step back and see this from a different perspective, one billion gallons of water would fill a 278 story building (10 feet per story) with the base of that building's square footage being equal to the surface area of a football field (without end zones). That's also enough

water to fill the interior of the Empire State Building and still have enough water left over to fill Shamu's performance tank at Sea World.

One billion gallons of water can also supply 4,000 families with clean drinking water for a year, such as the city of Wake Forest, NC.

## Latest and Upcoming AquaRecycle® Installs

JW Marriott – Cancun, Mexico  
 Casa Magna – Cancun, Mexico  
 Marriot – Santiago, Chile  
 Sodexho – Pittsburgh, PA  
 Sodexho – Cleveland, OH  
 Sodexho Metro Park – Stockton, CA  
 Sodexho Gulf Coast – Immokalee, FL  
 Sodexho Quality Textiles – Raleigh, NC  
 Vantage Healthcare – Erie, PA  
 Ritz Carlton – Key Biscayne, FL  
 Ritz Carlton – Phoenix, AZ  
 Piping Rock Golf Club – Locust Valley, NY  
 Seminole Laundry – Clearwater, FL  
 Laundry Mall – Huntington, NY  
 Wayne Hospital – Goldsboro, NC  
 Chicasaw Laundry – Wynnewood, OK  
 Laredo, TX Prison  
 Florence, AZ Prison  
 Knights Laundry – Australia  
 Metropolitan Health – Australia  
 Consolidated Laundry – Hervey Bay, Australia  
 Queensland-Brisbane Reception Center – Australia

We are proud to announce our newest AquaRecycle employees:

**Claudia Sciarretta**  
Marketing Director

**James Hale**  
West Coast Service Manager/  
Project Engineer

**Chase Hagerman**  
Atlanta Service Manager/  
Project Installer

**Donnie Ashford**  
Northeast Service Manager/  
Project Installer

**Jeff McConkey**  
Chief Financial Officer

**Julie Ward**  
Administrative

## WHAT'S NEW?

The AquaRecycle® Continuous Batch Recycler (CBR)

## Sodexho Installs Aquarecycle® Systems at Four Major U.S. Laundry Operations

AquaRecycle® has installed four large recycle systems for Sodexho USA, one of the largest Linen Management Service companies worldwide. To date, AquaRecycle® systems have been installed at Stockton-Metro Park, CA; Pittsburgh, PA; Sodexho Cleveland, OH; and Sodexho Gulf Coast Linen- Immokalee, FL facilities. AquaRecycle® and Sodexho are proud to highlight some of the success stories:

➤ Sodexho Stockton-Metro Park has recycled over 8 million gallons since the start up of their system and is currently averaging almost 150,000 gallons per day.

➤ Sodexho Pittsburgh has recycled over 7 million gallons since its start up in November 2007.

➤ Sodexho Cleveland has recycled over 7 million gallons since its start up in November 2007.

➤ Sodexho Gulf Coast Linen-Immokalee has just started up and will recycle between 1.5 and 2 million gallons per month.

➤ Also, Sodexho – Quality Linen Services in Raleigh, NC is under contact and

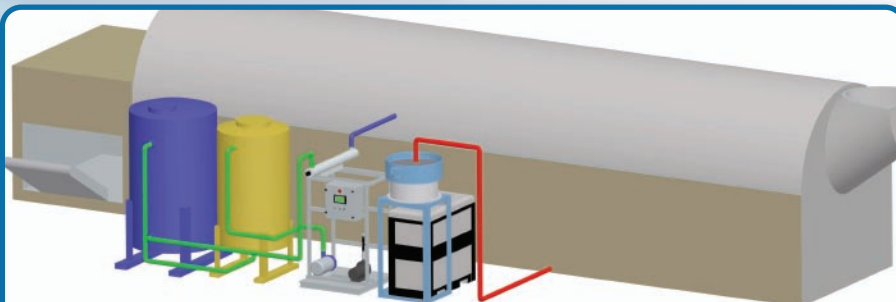
anticipates a March 15th startup.

Collectively, the systems will conserve over 150 million gallons of drinking water each year and keep the same amount of chemical laden wastewater from entering the environment through the local wastewater authority.

Sodexho plans to install more AquaRecycle systems at strategic locations in the coming months in order to capture and take advantage of this tremendous economic opportunity. In addition, the partnership aims to fulfill Sodexho's Corporate Mission for Sustainability which is to "Improve the quality of daily life. We embrace sustainability ideals to make sure we consider the environmental, social and economic implications of all our actions."

AquaRecycle continues its partnership with Sodexho to accomplish these noteworthy environmental and economic objectives and look forward to future relationships with other large linen management companies.

**Please contact us today to discuss what opportunities we can offer for you.**



Call for details: **1-866-272-9253**

Call us today for a free estimate!  
1-866-AQCYCLE (1-866-272-9253)

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