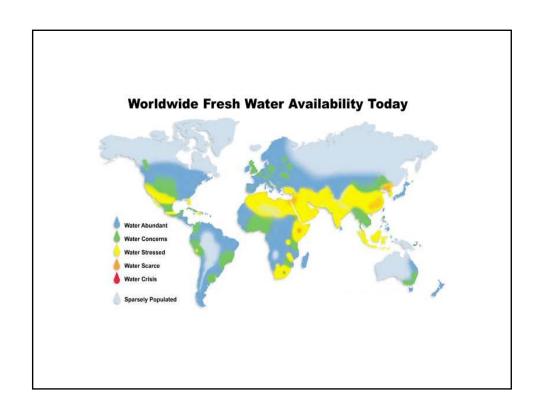
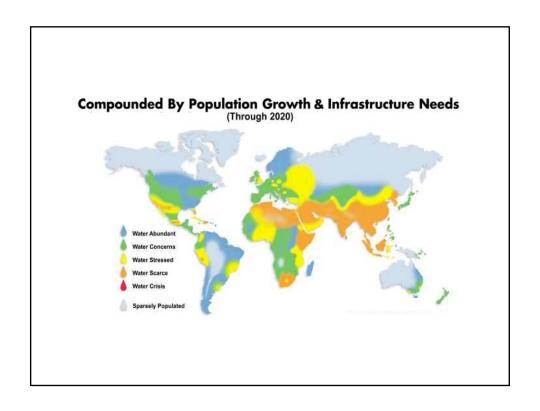


Water & Laundry Facts



- Earth is 80% Water 1% Drinkable: 97% Salt Water, 2% Glacier
- United Nations: Over 5.5 billion Will Not Have Safe Drinking Water by 2025
- Today: 1.1 Billion Worldwide do not have safe water.
- EPA: 36 States By 2013 Water Shortages
- World Bank: Fresh Water Wars in 21st Century
- Avg Household Uses 250,000 Gals/Yr
- Laundry Generates the Largest Single Waste Water Source that is sent to the Waste Water Plant
- Largest Laundry Operation Uses ½ Billion Gals /Yr
- U.S. Laundries use over 1,500 Billion Gallons per year
- Annual Global Laundry Water Consumption is at Least 10 Times that of U.S







Water Resources

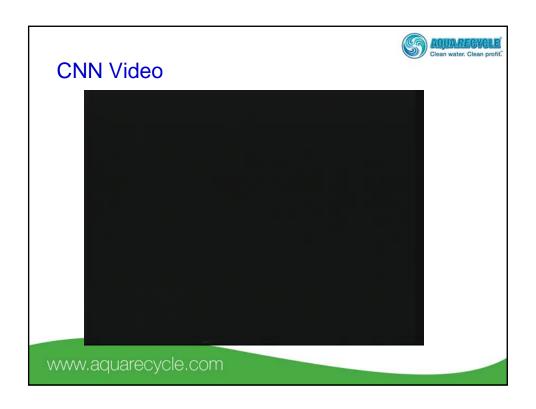
- •Fresh water supplies are limited
- •Many water sources are contaminated
- •Water demand is growing
- •Industries are challenged to reduce water consumption and reduce sewage discharge

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Energy Availability and Environmental concerns

- Dependency on foreign energy
- •Limited to energy resources in U.S. if global political landscape changes
- •Fear & awareness of Global Warming
- •Industries are challenged to reduce energy consumption and release of Green House Gasses, (GHG's)



AquaRecycle Story



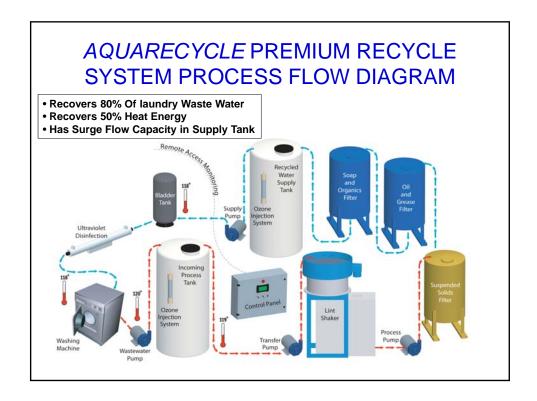
- · Founded in 1998, Marietta GA Based
- 100 + Systems Worldwide
- Hospitality Customers: Hilton, Marriott Brands, Ritz-Carlton, Hyatt, Four Seasons, Fairmont, Westin, Sheraton, W, Wyndham and Intercontinental Brands.
- SALA and Caribbean System sites: St Thomas, Tortola, Santiago, Cancun, Mexico City, Lima, San Juan
- · Over 2 Billion Gallons Recycled to Date
- · Healthcare, Correctional Industries are also served

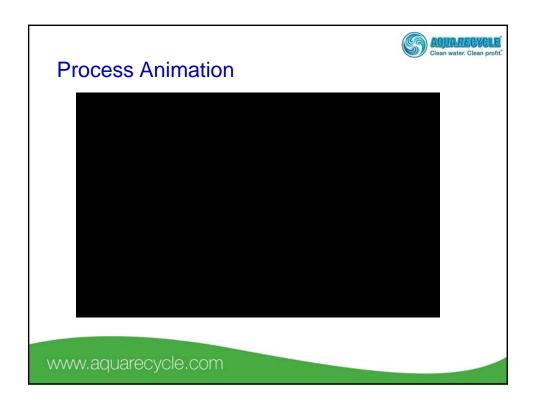
AquaRecycle Technology For Laundry Water & Energy Recycling





- Produces Clean Water
- · Captures All Waste Water
- 80% Reduction in Water Consumption and Sewer Discharge
- Recycles all Available Laundry Water
- Removes all contaminants (oil and grease, chemicals, TSS & BOD)
- All water is disinfected with Ozone & UV
- Low Pressure Pumps Low Energy Consumption Tiny Carbon Footprint
- Can Operate as final rinse water and works well in CBW operations





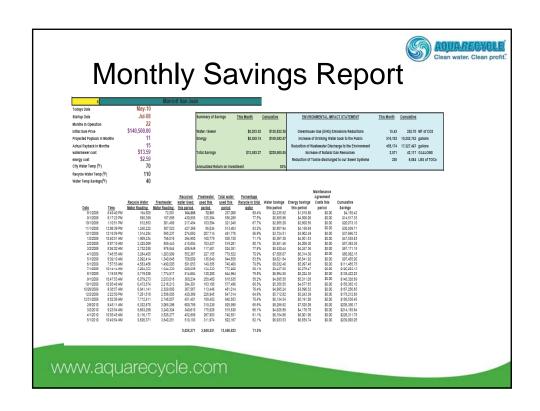


Laundry Water Recycling Case History: San Juan Marriott Resort and Stellaris Casino

- Annual Pounds Processed: 3 million
- Annual Gallons Used: 9,000,000
- Projected Payback: 12 months ROI: 93%
- Annual Water, Sewer and Energy Costs: \$226,405
- Projected Annual Savings: \$143,783 or 63.5% of Costs
- Actual 2009 Savings: \$142,003 or 98% on projection







Competitive Advantage of AquaRecycle vs. other Technology Options

Ozone (Energy, No Water)Heat Exchanger (Energy, No Water)

Hot Water Reuse (Some Energy, Some Water)
Rinse Reuse Systems (No Energy, Some Water)

Nano-Filtration / RO (Some Water, Some Energy, High Electrical Use)
Ceramic Membranes (Some Water, Some Energy, Electrical Use)
AquaRecycle System (High Water, High Energy, Low Electrical)

AquaRecycle also provides triple disinfection as well as the best practices of environmental responsibilities



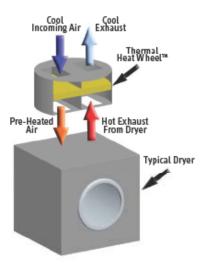




- Thermal Energy Recycling Technology for Laundry Dryer Systems
 - Acts as a Heat Exchanger With Patent-Pending Process that takes Dryer Exhaust and reintroduces the Heat from it to the Incoming Air to Dryer
 - Captures Up to 50% Energy Savings in Dryer Process
 - Reduces Drying times by up to 25%

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How ThermalRecycle Works



- Capture Dryer Exhaust Through Thermal Heat Wheel
- Heat Wheel Pre-Heats Incoming Dryer Air
- Hot Air is Brought into Dryer Lowering the Burner Run Time

Return on Investment

- Typical 300 Room Hotel
- 70% Occupancy/17-Lbs Occ Room
- 1,300,000 pounds
- 847,000 lbs at 65% Dried
- 2-120-150/lb dryers
- Natural Gas Delivered \$9.00 Dkthm
- Payback is 26 months
- 44.7 ROI
 - Potential for 2 Dryers on Single Unit



Proven Results



		TTL Btu's	AVG Btu's	i	TTL Btu's	AVG Btu's		
	# Loads		With Thermal	# Loads	Without Thermal	Without Thermal	Variance	Variance %
Sheets	3	177,480			117,300			49.6%
Sheets Towels	4	607,920	759.9		1,813,560		751.40	49.7%

Conclusions



- Proven Laundry Water & Energy Recycle Technologies are available to the Commercial Laundry Industry Today
- Such systems can save SUBSTANTIAL amounts of WATER, ENERGY& MONEY for these Laundry Operations
- At Present it is estimated that less than .1% of the 1500 Billion Gallons of Commercial Laundry Water generated in the world today is recycled leaving significant opportunity for Recycling
- Recycle Technology Choice Depends on the Specific Application, Sustainability, and Economic Goals
- Water Recovery, Energy Consumption, Energy Savings, Disinfection, and Reduced TSS, & BOD / Toxin Discharge are Important Considerations in this Technology Choice. AQUARECYCLE & THERMALRECYCLE INCLUDE ALL OF THESE POSITIVE ATTRIBUTES & CAPTURE THE RESULTING BENEFITS OF EACH

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