

Clean Utah Annual Report 2011

Xanterra Parks & Resorts- Zion Lodge

Clean Utah! Project Accomplishments & Commitments to Date

Achieved the 2009 goal of reducing water usage by 1,000,000 gallons
Achieved gasoline usage and electricity usage reduction goals in 2010

2011 Projects & Accomplishments

Project 1

Reduce solid waste going to the landfill

Reduction of Solid Waste 2011:

Targeted Indicator: Solid Waste to the Landfill
Baseline total: 248,720 pounds
2008 Total: 255,240 pounds
2009 Total: 251,920 pounds
2010 Total: 259,270 pounds
2011 Total: 225,010 pounds
Reduction: - 34,260 pounds
Savings: - \$3,200.00

Benefit to the Environment for the Year:

Xanterra Parks & Resorts at Zion Lodge was successful in achieving its reduction goal in 2011. The goal was to reduce the total waste to the landfill by 20,000 pounds. This was mainly accomplished by reducing food waste through a portion control program and a more efficient food waste composting program.

Benefit or Savings to the Company:

Reducing waste to the landfill has resulted in some savings in 2011 on tipping fees and hauling services. In addition, savings in food costs result from reducing food waste; however these savings are difficult to calculate due to changing business levels and an increasingly effective composting program.

Targeted Goal for 2012:

In order to meet our goal, Xanterra will seek to reduce solid waste to the landfill by 6% in 2012, and will reduce total solid waste. One of the primary ways this is to be

accomplished is by implementing the use of a food waste processor for meat and cheese waste that is not currently compostable. Rather than sending this waste to the landfill, the plan is to process this solid waste to waste water.

Project 2 – Electricity Usage

Continue retrofit to LED lighting and remodel buildings for energy efficiency

Reduction in Electricity Usage 2011:

Baseline Total: 1,630,275 kwh
2008 Total: 1,842,041 kwh
2009 Total: 1,732,880 kwh
2010 Total: 1,627,497 kwh
2011 Total: 1,564,362 kwh
Reduction: 63,135 kwh
Savings: \$5,680

Benefit to the Environment for the Year:

While significant reductions were achieved, Xanterra was still short of its goal.

Numerous conservation initiatives affecting energy efficiency were implemented in 2011 to reduce electricity usage including a remodel of the lodge restrooms, the installation of lower wattage fluorescent lamps, and the retrofitting of many light fixtures with LED bulbs including guest room porches and outdoor lighting. In addition, a 5 kilowatt solar photovoltaic system was installed in addition to the 10 kilowatt and 5 kilowatt systems already in place. Also, a 200-gallon solar thermal water heating system was installed.

Benefit or Savings to the Company:

In addition to financial savings, Xanterra continues to benefit from positive public relations associated with energy conservation successes in highly visible guest areas. By incorporating sustainable design features during remodels, such as the 2011 restroom remodel, Xanterra was able to realize savings and provide a better guest experience.

Targeted Goal for 2012:

Xanterra plans to complete a remodel of an employee dormitory building and retrofit more lighting to LED lamps. Our goal is to reduce electricity usage by 2% or 30,000 kilowatt hours in 2012.

Project 3 Carbon Off-sets

Purchase off-sets for guest carbon based on propane and electricity usage

Benefit to the Environment for the Year:

During 2011, Xanterra purchased renewable energy credits through renewable choice to off-set the carbon emissions from propane used by guests at the lodge. In addition, 100% of electricity usage was off-set through the purchase of renewable energy credits. These purchases support the development of renewable energy projects in various locations.

Public Participation:

Many efforts were undertaken to reach out to guests at Zion Lodge regarding environmental programs. These included the addition of an updated wine list that features sustainable menu items, a new bulk amenities program in guest rooms with an interpretive wall plaque, and additional retail signage to encourage the purchase of sustainable items. Xanterra's Environmental Director spoke at several events and was interviewed by media outlets and representatives of governments.

Additional Targeted Goals for 2012:

During 2012, Xanterra plans a significant project to re-circulate compressor coolant water. This could reduce water usage as much as one million gallons. Xanterra has set a water usage reduction goal of 5% for 2012.

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