

National Park Service
2011 Environmental Achievement Awards

Winner

Xanterra South Rim, L.L.C., Concessioner
Grand Canyon National Park
Environmental Achievements at Grand Canyon National Park

In 2010, Xanterra South Rim, L.L.C. (Xanterra SR), concessioner at Grand Canyon National Park, demonstrated continual improvements in environmental stewardship via their comprehensive Environmental Management System which now incorporates all aspects of Executive Order (EO) 13514.

Highlights of this project include:

- **Reduced Water Consumption** - Because of the large amount of electricity associated with pumping water to the South Rim of the Grand Canyon, Xanterra SR embarked on efforts to significantly reduce water consumption at its facilities. As part of Phase I of the Bright Angel Lodge renovation, Xanterra SR installed waterless urinals, dual flush toilets, and ultra low flow faucets that will save 4,375,000 gallons of water per year. These water savings will in turn yield an annual savings of 68,250 kWh of electricity (from pumping water). Xanterra SR's water conservation measures have already resulted in a nearly 11% property-wide decrease in consumption since baseline year FY 2007. This positions Xanterra SR towards meeting the EO 13514 goal of 26% reduction by FY 2020.
- **Increased Solid Waste Diversion Rate** – Xanterra SR's construction waste management plan for the Bright Angel Lodge remodeling project was developed in partnership with the construction contractor and achieved a project diversion rate of 40% in FY 2010. Over 18,000 pounds of construction waste was either recycled or repurposed as opposed to being land filled. This, along with their property-wide recycling and waste minimization programs, has allowed them to increase their property-wide diversion rate to 36% well on our way to the FY 2015 target of 50% set forth in EO 13514.
- **Reduced Vehicle Fuel Consumption** - Strategic procurement such as the purchasing of six new compressed natural gas buses, an anti-idling policy, improved training, and Xanterra SR's goal of achieving a corporate average fuel economy (CAFE) standard of 35 mpg have decreased Xanterra SR's gasoline and diesel consumption by over 16% since baseline year FY 2005.
- **Increased Electronics Waste (E-Waste) Recycling** – In September of 2010, Xanterra SR organized a community e-waste event that collected 5,000 pounds of e-waste for recycling. Recycling of the e-waste was done in an environmentally and ethically responsible manner as shown by the receipt of a certificate from an approved e-waste recycler.

Xanterra SR's commitment to environmental protection and continual environmental improvement has led to significant environmental benefits to the park, their visitors, and the surrounding communities.