

Featured Projects



Lost Dog Wash Access Area *Scottsdale, Arizona*

Background

- Within 16,000 acre McDowell Sonoran Preserve
- Approximately 250,000 visitors annually
- 3900 ft² facility includes group, interpretive, picnic and equestrian areas, amphitheater, restrooms & parking
- Designed by Weddle Gilmore Architects
- Winner of AIA Arizona Sustainable Design Award & Valley Forward Environmental Excellence Award

Composting Toilet Systems

- 4 foam-flush toilets, 4 large Clivus Multrum composters, & 2 waterless urinals
- Foam-flush uses only 6 ounces of water per use
- Save up to 400,000 gallons of water annually
- Prevented the need to build costly sewer connection
- Nutrient end-products from Clivus systems to be used for plant fertilization in the Preserve

Other Green Building Technology

- 75,000 gal. of water reused annually through rainwater & grey-water recycling
- Photovoltaics supply all building's electricity
- Rammed-earth construction provides excellent insulation



Laurance S. Rockefeller Preserve *Moose, Wyoming*

Background

- 1106 acre Preserve in Grand Teton National Park
- 8 mile hiking trail network
- Includes 7500 ft² Visitor Center & 3 restroom buildings
- Designed by Carney Architects & M-E Engineers
- Visitor Center built to achieve LEED Platinum certification

Composting Toilet Systems

- Visitor Center uses 1 small composter and 1 Foam-flush toilet
- Foam-flush fixture cuts water used for flushing by over 97%
- 3 other restroom buildings use a total of 10 large composters and 10 dry toilets
- Dry fixtures eliminate all water used for flushing
- Clivus composting systems prevent water pollution & convert human waste to fertilizer

Other Green Building Technology

- Denim fabric insulation reduces waste
- Photovoltaic panels power restrooms
- Energy-efficient lighting saves electricity
- Daylighting further reduces electricity use



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