



Phoenix Composting Toilet

Manufactured by **ADVANCED COMPOSTING SYSTEMS**

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Grand Canyon Sweet — Hikers Along Kaibab Sing of Phoenix's Praises



Toilets must be *odorless* as well as available. At sun-baked Tipoff along Grand Canyon National Park's famed Kaibab Trail, olfactorily gifted hikers could not endure the evil-smelling vault toilets. Little spotted white "paper flowers" stained the landscape.

At Tipoff, ACS installed three *odorless*, waterless, Phoenix composting toilets in a prefabricated, maintenance-friendly building. ACS also installed Phoenix equipped buildings along the Kaibab at Cedar Ridge and Supai Tunnel.

Prefabricating the structures improved quality while significantly reducing on-site construction impacts and costs.

Now that hikers doing the Kaibab have access to *odorless* toilets, those little white "paper flowers" have disappeared.

Phoenix Composting Technology Solves Tough Sanitation Problems

ACS manufactures sturdy, high quality composting toilet systems for public facilities and residences. The Phoenix is ideal where economic and/or environmental constraints preclude conventional technologies. Many are installed in national parks from Hawaii to Mount Rainier, and of course, the Grand Canyon, often in the backcountry.

There are three models in each product line. Phoenixes are roto molded from thick, tough, corrosion resistant, crosslinked polyethylene, and equipped with stainless steel hardware. The 5-watt ventilation fan that keeps the Phoenix odorless can be run from photovoltaics.

The Phoenix is a proven, affordable, system that solves sanitation problems.

Phoenix Rescues Popular Hawaiian Beach from Doo Doo

In the absence of a public toilet, the trail to Kaloko-Honokohau National Historical Park's isolated but popular beach was strewn with human feces — a sanitation nightmare and aesthetic disgrace that disgusted the park's maintenance personnel. Volcanic terrain and proximity to the ocean presented formidable engineering challenges.

ACS installed two odorless, zero discharge, Phoenix composting toilets in a handicapped accessible building. Now, swimmers step only in tropical sand.

