THE PRESIDIO
A New Kind of National Park

Getting Water Wise in the Federal Green Challenge: How Federal Facilities are Saving Money by Saving Water

Amy Deck and Abby Morris
POST TO PARK

- 1972: The Golden Gate National Recreation Area is created with the stipulation that the Presidio will join if the Army leaves
- 1994: U.S. Army lowers its flag
- 1996: Bipartisan legislation creating the Presidio Trust is approved by Congress and signed by President Bill Clinton
A NATIONAL TREASURE AT THE GOLDEN GATE

THE PRESIDIO TODAY

- 1,491 acres
- 433 historic buildings
- 991 acres of open space
- 300 acre forest planted by the U.S. Army
- 24 miles of trails
- 330 native plant species
- 7,000 people living and working in the park
- 200+ tenant organizations
A MILESTONE ACHIEVED

1998 – 2013

350 historic buildings rehabilitated
80% of building space occupied
65 acres of native vegetation placed in active restoration
90% of environmental remediation projects completed
3,300 trees planted
19.7 miles of trails rehabilitated
11,000 kids served by the Camping at the Presidio program
100,000 hours volunteered annually
millions of visitors welcomed
VITAL RELATIONSHIPS
SUSTAINABILITY IN THE PRESIDIO
SALVAGE/WASTE REDUCTION
SUSTAINABILITY IN THE PRESIDIO

18 COMPLETED LEED PROJECTS
SUSTAINABILITY IN THE PRESIDIO

INTEGRATED PEST MANAGEMENT
SUSTAINABILITY IN THE PRESIDIO
COMPOST PROGRAM
WATER

80% of water comes from Lobos Creek
20% purchased through City of SF
STORMWATER: GREEN INFRASTRUCTURE

- Permeable pavement
- Bio-swales
- Rain Gardens
- Rainwater harvesting
- Land conservation
TENNESSEE HOLLOW WATERSHED
WESTERN, CENTRAL, AND EASTERN TRIBUTARIES
EL POLIN SPRING
1820 MEMORY MAP
EL POLIN SPRING

FROM THE SPRING IN THIS CLUMP OF WILLOW TREES THE EARLY SPANISH CARRIONO ATTAINED HIS WATR SUPPLY. ACCORDING TO THE SPANISH TRADITION ALL MAIDENS WHO MARRIED FROM THIS SPRING DURING THE FULL MOON WERE ASSURED OF MANY CHILDREN AND ETERNAL OLLIE.
NOTICE EXTRAORDINARY
THE ORIGINAL - AUTHENTIC & ARDENT WATERS OF
"EL POLIN"

1847 – 100 YEARS OLD – 1947

NOW OFFERED FOR SALE
SATURDAY, MARCH 1st, 1947

At The HALL OF COMPARATIVE OVATIONS, 110 E. Twelfth St., Los Angeles, CA.

Testimonials of Endorsement

REVITALIZATION OF EL POLIN SPRING

**Pre-Project (2004)**

**Post-Project (2012)**

- Building demolished to make way for site entrance
- Picnic / outdoor classroom area
- Interpretative archaeology area
- Asphalt roadway / parking replaced with accessible trail and boardwalk
- Historic channel rehabilitated
- Wet meadow created following fill removal
- Creek / ponds daylighted
- Habitat restoration underway
PRESERVATION OF CULTURAL WATER FEATURES
SUSTAINABLE CONSTRUCTION METHODS AND MATERIALS
Composting Toilet
Retrete estercololante

What is a Composting Toilet?
This is not a portable toilet or a pit toilet. It is a waste disposal system that converts human waste through the natural process of decomposition. The process is essentially the same as in a garden compost. The process involves aerobic organisms, oxygen, heat, and moisture. Human aerobic bacteria break down organic matter.

¿Qué es un inodoro de compostaje?
No se trata de un escusado portátil ni de una letrina de pozo, sino que es un cuarto de baño que recicla los desechos humanos a través del proceso natural de descomposición. El proceso es esencialmente el mismo que el de un compostador de jardín. El equilibrio correcto entre la materia orgánica, el oxígeno, el calor y la humedad permite que las bacterias aeróbicas descompongan los desechos.

English:
This uses a chemical free, waterless process to decompose human waste. A solar panel provides electricity for a fan that ventilates the bathroom with fresh air.

Spanish:
Este lugar utiliza un proceso sin productos químicos y sin agua para descomponer los desechos humanos. Un panel solar suministra electricidad a un ventilador que proporciona aire fresco al cuarto de baño.
WATERSHED EDUCATION AND BUILDING PUBLIC SUPPORT
YOURS TO DISCOVER