
February 26, 2015

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



Presidio
Trust



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

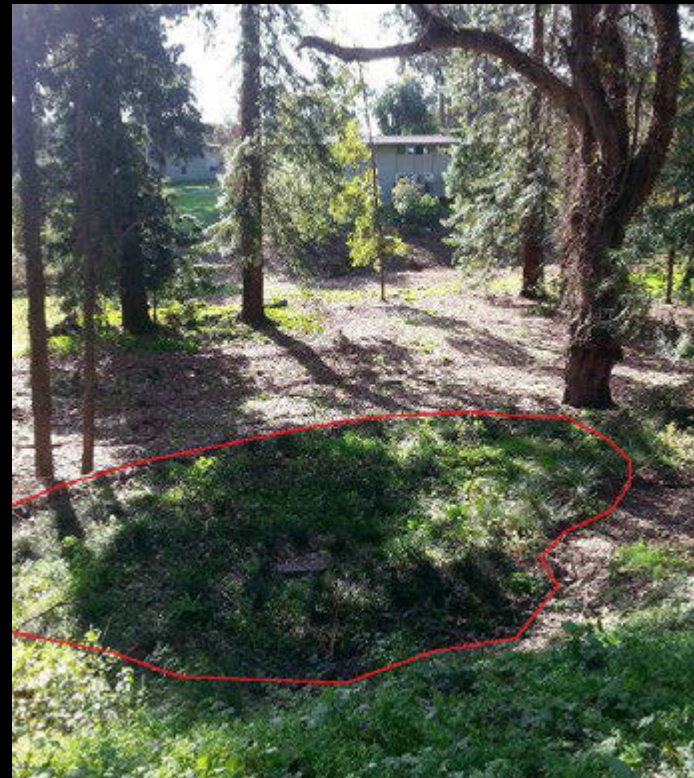
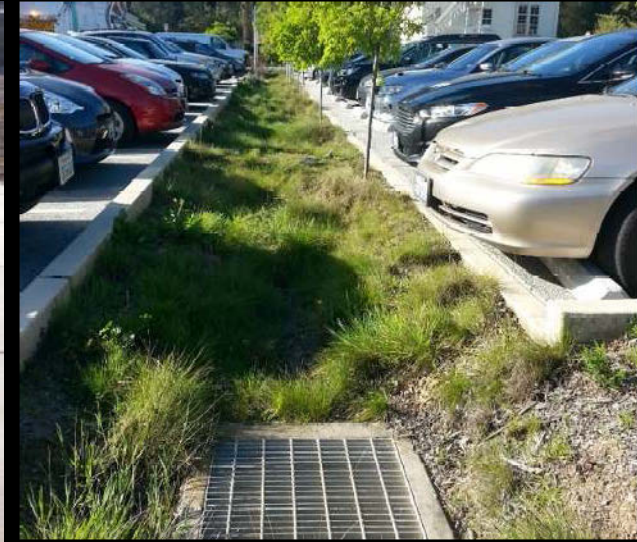
Permeable pavement

Bio-swales

Rain Gardens

Rainwater harvesting

Land conservation



TENNESSEE HOLLOW WATERSHED



WESTERN, CENTRAL, AND EASTERN TRIBUTARIES



EL POLIN SPRING

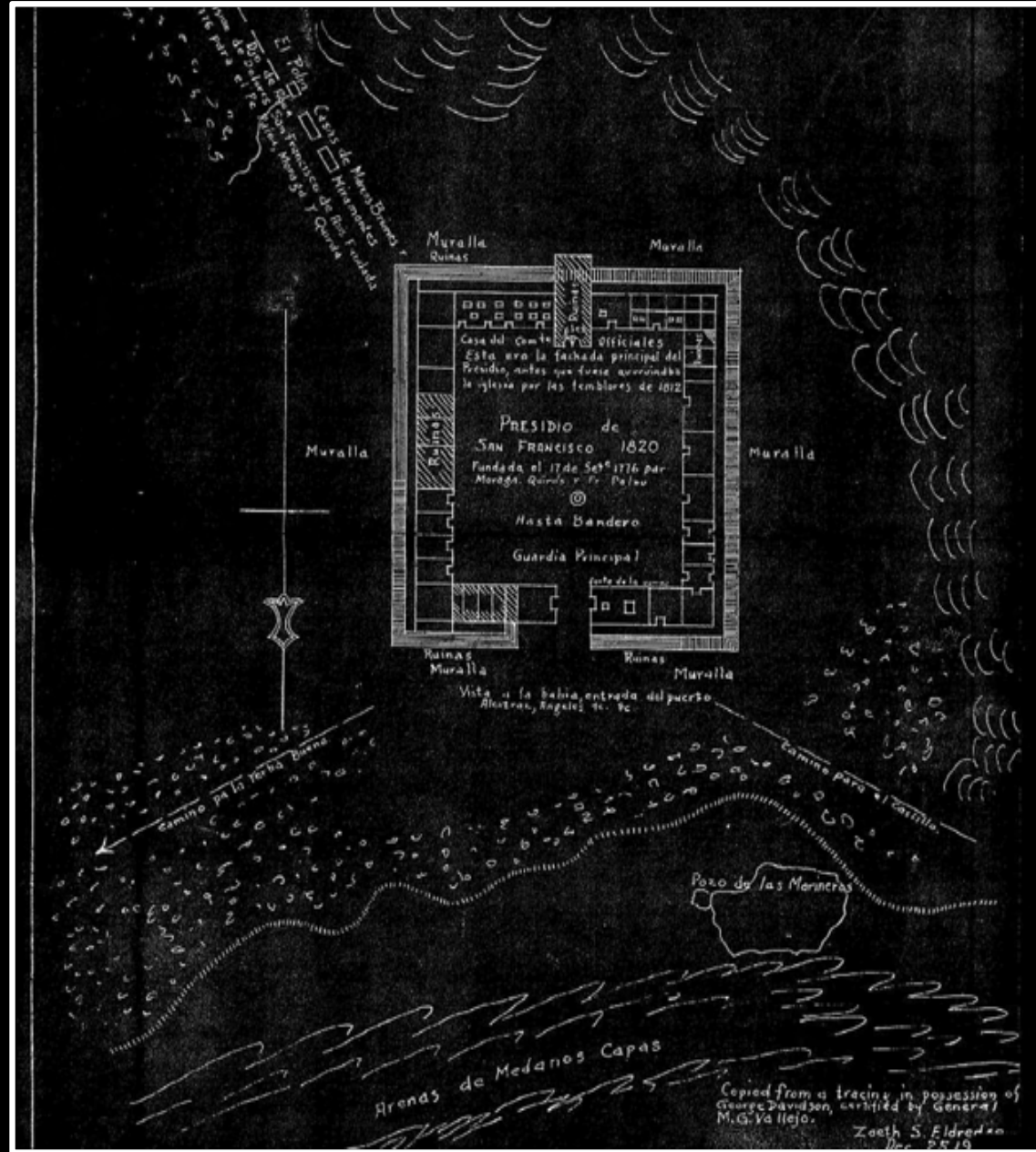
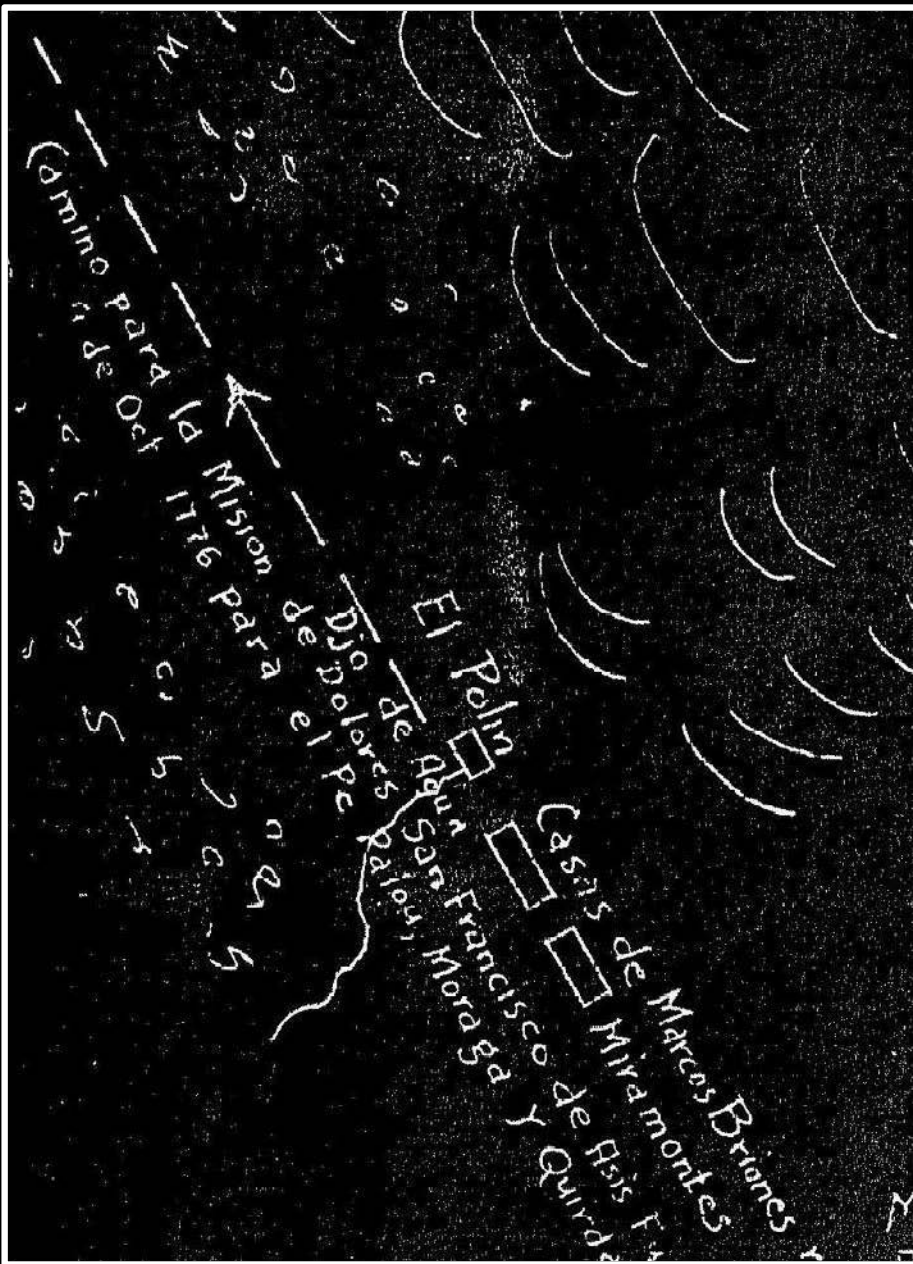




- Existing Trails
- Spring
- Creek Channel
- Creek in Culvert or Concrete Channel
- Remediation Site



1820 MEMORY MAP



Copied from a tracing in possession of George Davidson, verified by General M.G. Vallejo. Zaeth S. Eldredge Dec. 25, 19.

EL POLIN SPRING

FROM THE SPRING IN THIS CLUMP OF WILLOW TREES THE NAUO Spanish CARRISON OBTAINED HIS WATER SUPPLY. ACCORDING TO THE SPANISH RECORDS ALL MAIDENS WHO DRANK FROM THE SPRING DURING THE FULL OF THE MOON WERE ASSURED OF MANY CHILDREN AND ETERNAL BLISS.

NOTICE EXTRAORDINARY

THE ORIGINAL-AUTHENTIC & ARDENT WATERS OF

"EL POLIN"

(Approved "El Polin" by Medical Spanish, A. Wenden Miller, M.D., N.Y.)

1847 — 100 YEARS OLD — 1947

Bottled At The Historic Cua de Agua, Presidio of Yerba Buena, Alta California, By The Brothers Of The Ancient & Honorable Order Of E. CLAMPUS VITUS.

NOW OFFERED FOR SALE

SATURDAY, MARCH 1st, 1947

At The HALL OF COMPARATIVE OVATIONS, 1434 H Street, Washington, T. D.

— Testimonials of Satisfied Users —

"The United States Army Medical Department, Fort Lee, Va., has had the
pleasure of drinking EL POLIN for many years."

"The Ambassador of the United States to the Republic of
Spain, Madrid, Spain, has had the pleasure of drinking EL POLIN."

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IN WITNESS WHEREOF, THE BROTHERS OF THE ANCIENT & HONORABLE ORDER OF E. CLAMPUS VITUS, HAVE SET THEIR HANDS AND SEALS THIS 1st DAY OF NOVEMBER, 1947, D. C.

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Handwritten testimonial text

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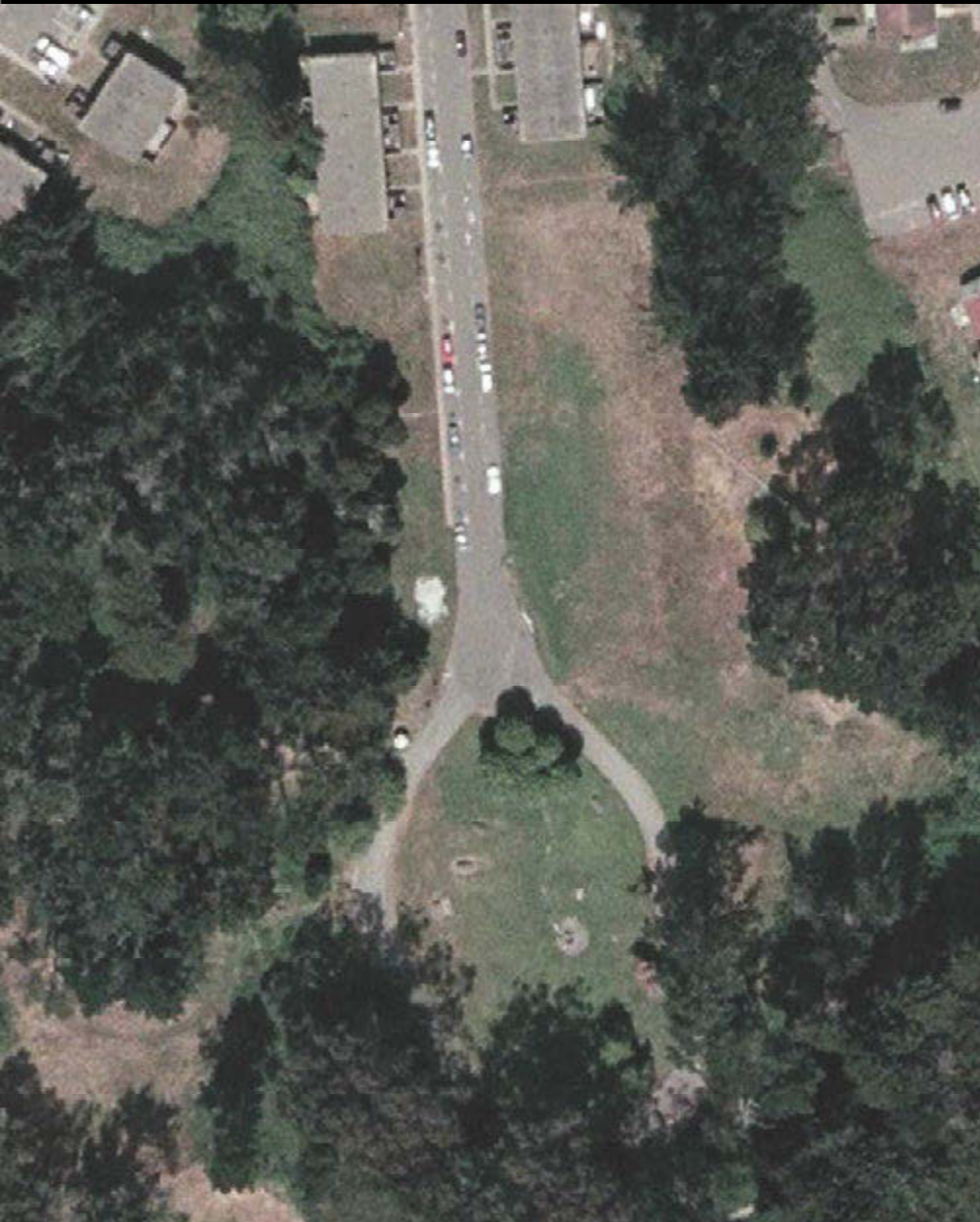
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REVITALIZATION OF EL POLIN SPRING

Pre-Project (2004)



Post-Project (2012)



DAYLIGHTING WATER

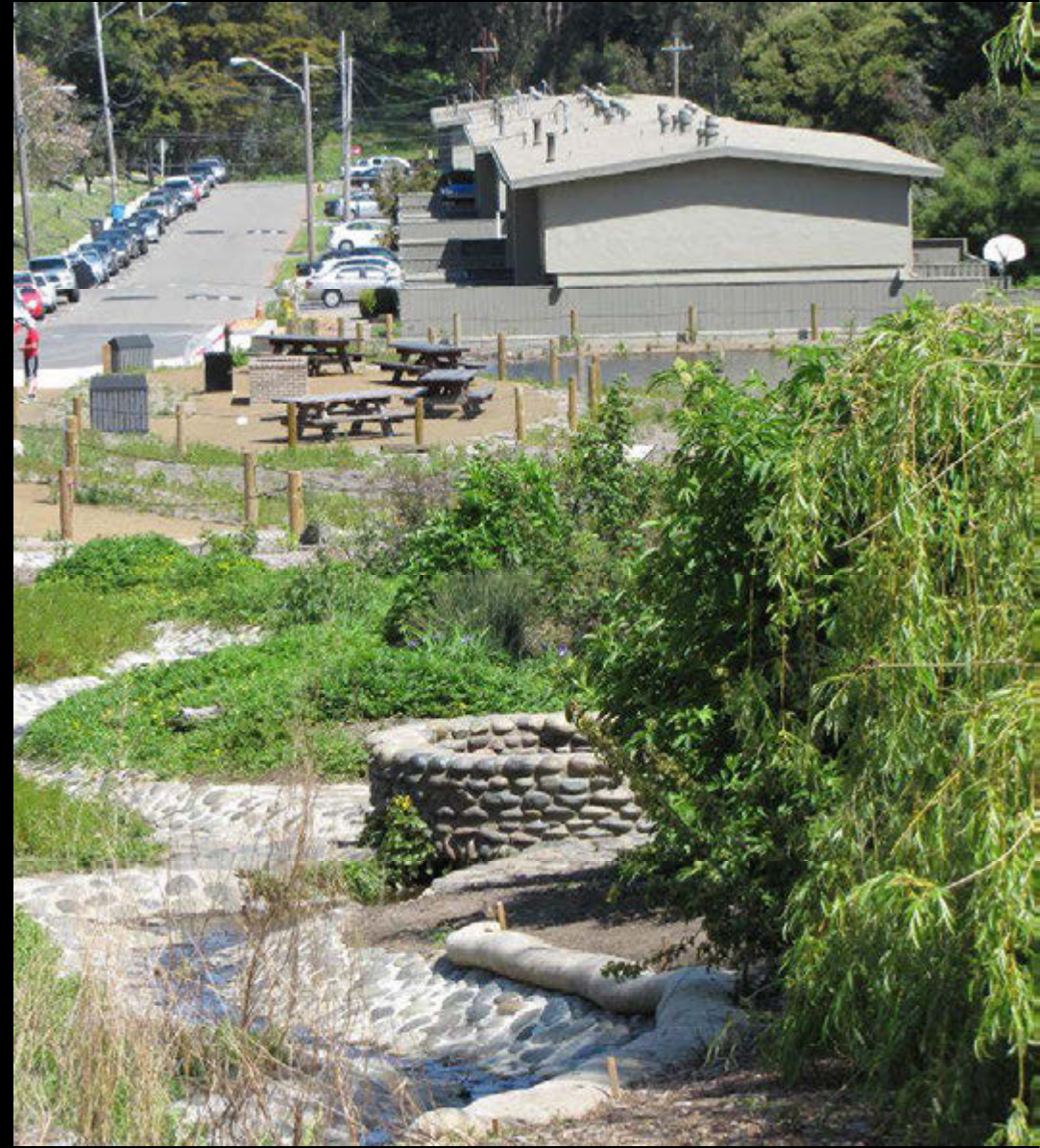








PRESERVATION OF CULTURAL WATER FEATURES



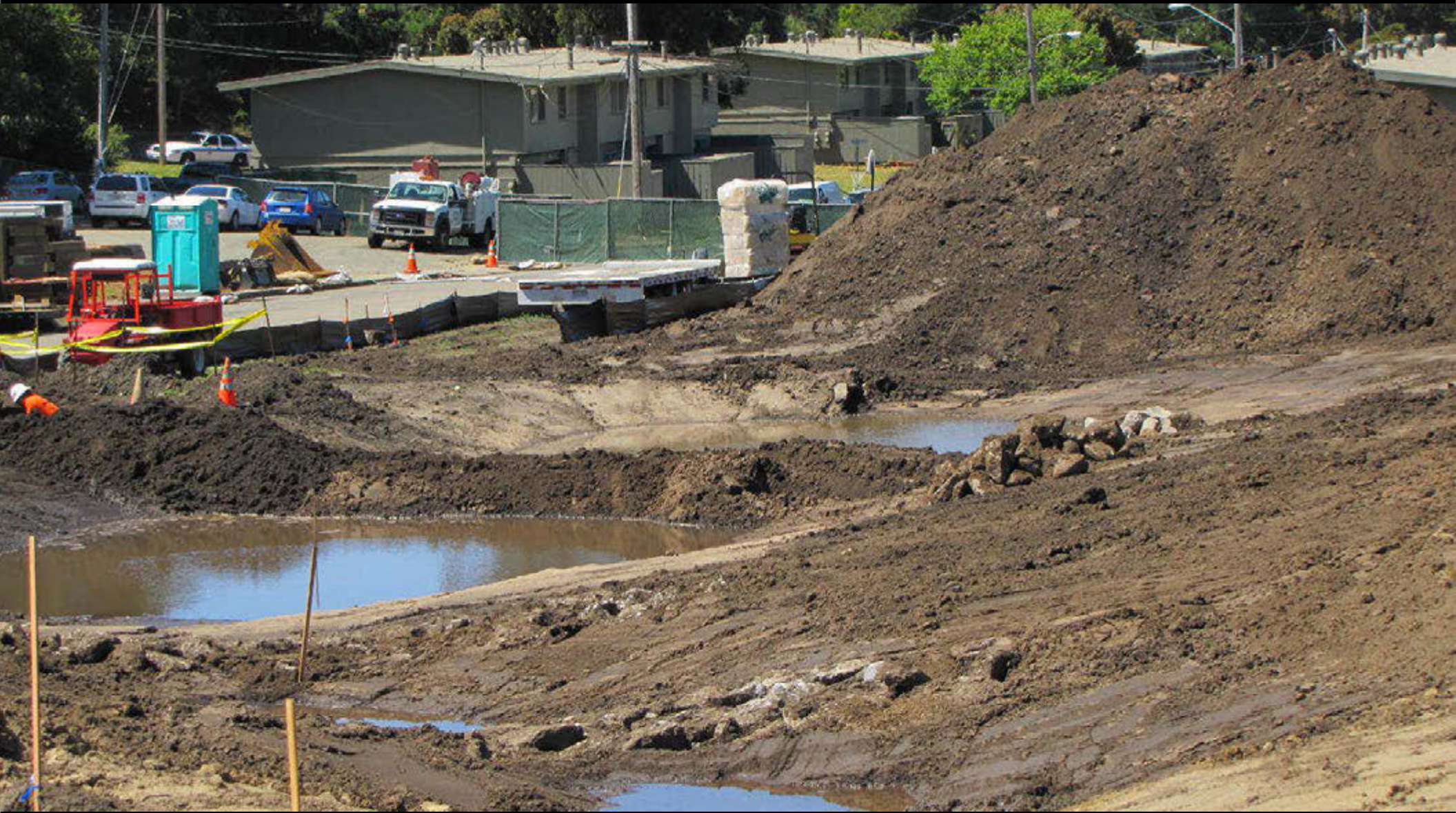








SUSTAINABLE CONSTRUCTION METHODS AND MATERIALS

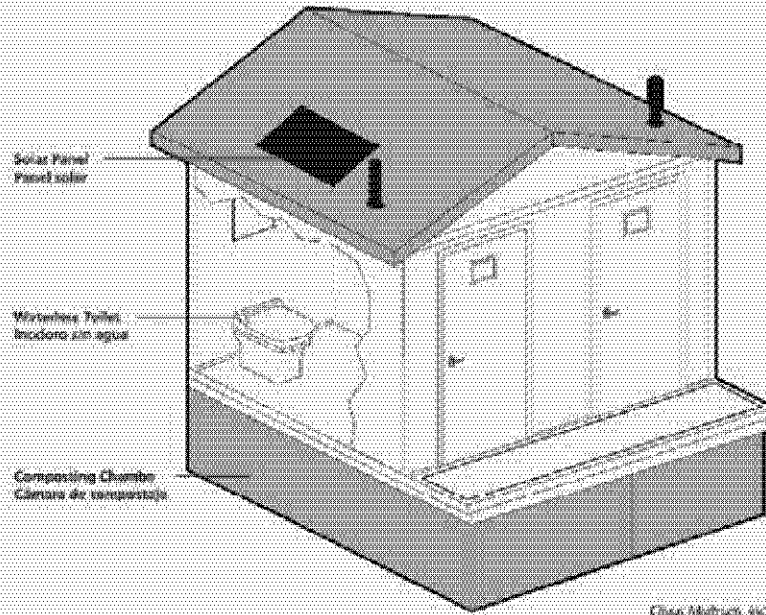






Composting Toilet

Retrete estercolante



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.

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.

Chris Mathews, Inc.

What Is a Composting Toilet?

This is not a portable toilet or a pit toilet - it is a room where your human waste goes through the natural process of decomposition. The process is essentially the same as the garden composting. The correct balance between organic material, oxygen, heat and moisture allows aerobic bacteria to break down the waste.

¿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.



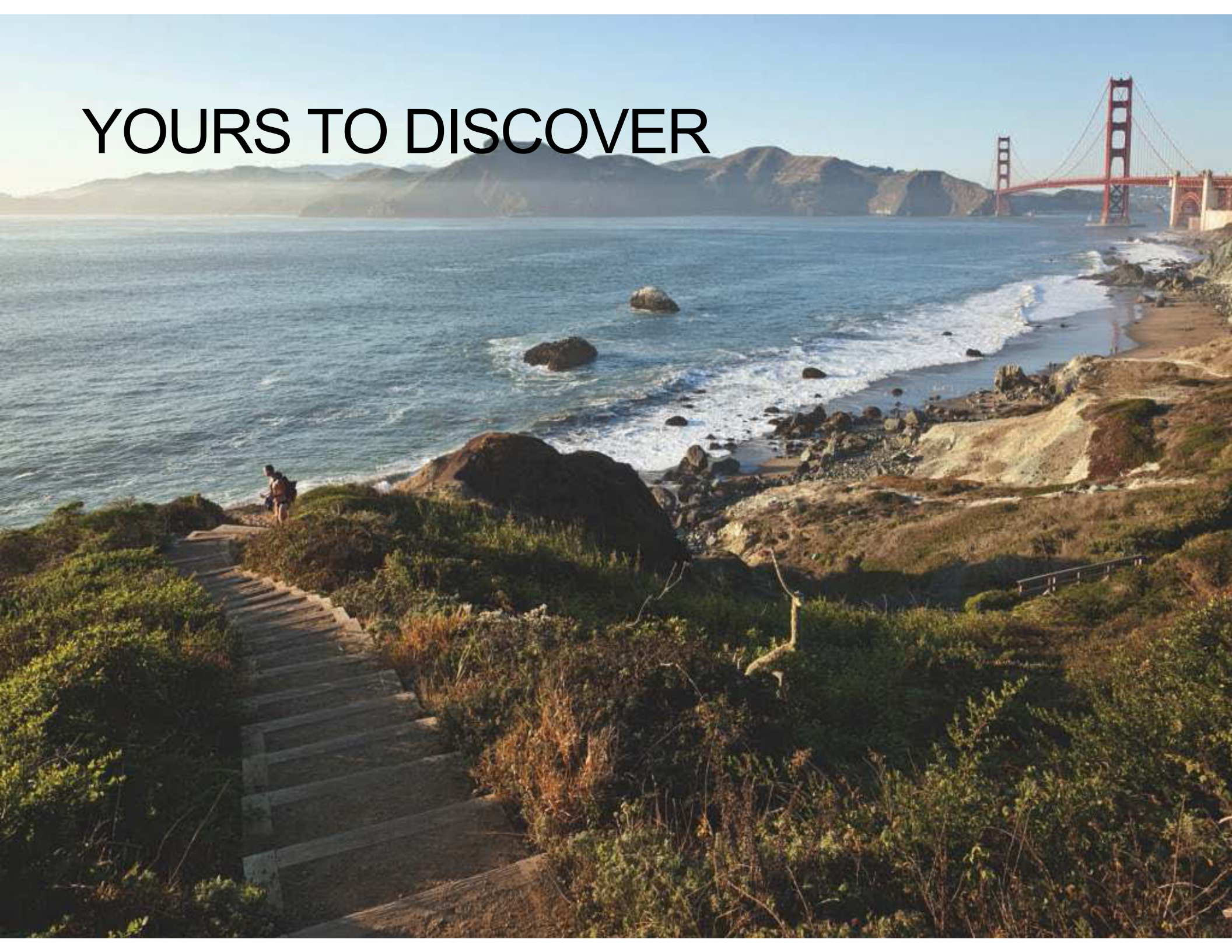
WATERSHED EDUCATION AND BUILDING PUBLIC SUPPORT







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