



December 2012

# Presidio of San Francisco

## Introduction

This fact sheet describes the Draft Feasibility Study and Remedial Action Plans (FS/RAPs) for Baker Beach Disturbed Areas (BBDAs) 1A and 2 at the Presidio of San Francisco (see Figures 1 and 2 on page 3 for the site locations). The Draft FS/RAPs evaluate environmental contamination at BBDAs 1A and 2 and propose a cleanup action or “remedy” to address the contamination. The Draft FS/RAPs propose removal of contaminated soil as the remedy for both BBDAs 1A and 2. The Department of Toxic Substances Control (DTSC) found that implementation of the proposed cleanup actions will not result in environmental impacts and has prepared a Draft Negative Declaration (Neg Dec) in conformance with the California Environmental Quality Act (CEQA).

Both the Draft FS/RAPs and Neg Dec have been issued for public comment. After the public comment period ends, DTSC, in consultation with the Presidio Trust (Trust), will prepare a Response to Comments (RTC). Those who submit comments with a valid address will receive a copy of the RTC document. A copy of the RTC document will also be placed in the Information Repositories listed on page 4. Final FS/RAPs will then be prepared.

The remedies selected in the Final FS/RAPs may differ from the actions proposed in the Draft FS/RAPs based on the response to public comments. The cleanup actions are scheduled to be conducted from spring 2013 through fall 2013, pending approval of the Final FS/RAPs by DTSC.

This fact sheet provides the following for BBDAs 1A and 2:

- Description of the sites and associated land uses
- The need for cleanup and objectives of cleanup
- The alternatives that were considered for cleanup
- The preferred alternatives proposed for cleanup
- Information on how the public can comment on the proposed cleanup actions

## Presidio Environmental Cleanup Program

The Presidio is part of the Golden Gate National Recreation Area and is located at the northern tip of the San Francisco peninsula. The Presidio encompasses 1,491 acres and is bounded by San Francisco Bay to the

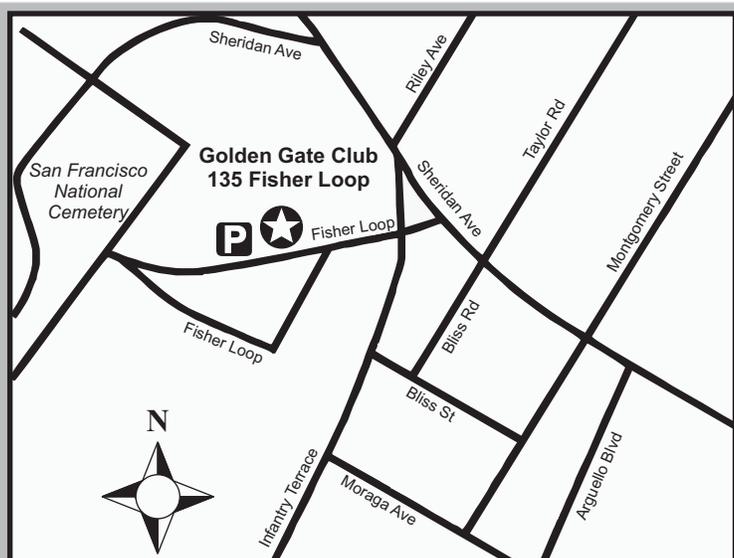
**COMMENT PERIOD: December 5, 2012 to February 5, 2013**

**PUBLIC MEETING: Wednesday, January 9, 2013, 7 pm**

**Golden Gate Club**

**135 Fisher Loop, Presidio of San Francisco**

The public is invited to submit comments on the Draft FS/RAPs and Neg Dec under CEQA during a 60-day public comment period which begins December 5, 2012 and ends February 5, 2013. A public meeting will be held on January 9, 2013 at 7 pm at the Golden Gate Club. DTSC and Presidio Trust representatives will present the cleanup plans proposed by the Draft FS/RAPs and record oral public comments. Written comments may also be submitted by mail or email and must be postmarked no later than February 5, 2013. See page 3 for how and where to send written comments.



### Directions

<http://www.presidio.gov/venues/Pages/Golden-Gate-Club.aspx>  
or (415) 561-5300

# Presidio Environmental Cleanup

north, the Pacific Ocean to the west, and the City of San Francisco to the east and south. From 1846 through 1994, the Presidio was a U.S. Army installation. In 1997, the Army transferred jurisdiction over the interior of the Presidio to the Trust. The Trust is now responsible for the remediation of the environmental contamination left behind by the Army. Most Presidio remediation sites have been cleaned up under previous RAPs.

## Site History and Land Use

BBDA 1A is located on a sloping bluff top above the Pacific Ocean, south of the Golden Gate Bridge and west of the Golden Gate Bridge Highway Transportation District corporation yard and Highway 101. Two historic batteries (Cranston and Marcus Miller) are located to the east of BBDA 1A. BBDA 1A comprises open space that is primarily vegetated with invasive, non-native plants.

BBDA 1A contains old asphalt roofing material from the adjacent batteries Cranston and Marcus Miller. The material consists of asphalt pieces, brick fragments, and tar-permeated sand. The material either eroded from the batteries or was removed from the batteries and disposed of in the area.

BBDA 2 is located south of BBDA 1A on a bluff top and slope above the Pacific Ocean. A historic battery (Battery Godfrey) is located to the north of the site. A majority of BBDA 2 is steeply sloped and densely vegetated with primarily non-native trees, vines, and shrubs.

The Army disposed of debris and fill material at BBDA 2. The debris fill is a mixture of soil, construction debris, landscaping debris, and other miscellaneous debris (e.g., cans, bottles and glass).

Current and future planned land use at BBDA 1A and 2 is recreational. The California Coastal Trail runs roughly north-south through BBDA 1A and to the east of BBDA 2. The Golden Gate National Parks Conservancy plans to upgrade trails in these areas. The surrounding land will then be replanted with native plants and maintained as natural open space.

## Why Is Cleanup Needed?

Soil samples have been collected from BBDA 1A and 2 to assess levels of contaminants. The sample results from BBDA 1A indicate that polycyclic aromatic hydrocarbons

(PAHs), metals, and one pesticide are present in soil at concentrations that pose a potential risk to human health or the environment. At BBDA 2, metals are present in soil at concentrations that pose a potential risk to the environment. These contaminants have been identified as chemicals of concern (COCs) in soil. The cleanup actions proposed in the Draft FS/RAPs will reduce the risk to a level that is protective of human health and the environment.

## Objectives of the Proposed Cleanup Action

The primary objectives of the cleanup action are:

- Protection of human health and the environment consistent with the intended future land use
- Compliance with applicable or relevant and appropriate requirements
- Cost-effective cleanup

The proposed cleanup action, once approved and implemented, is expected to be a final action.

## Evaluation of Cleanup Alternatives

Potential remedial alternatives for BBDA 1A and 2 were evaluated in the Draft FS/RAPs based on the cleanup objectives described above. The following cleanup alternatives were considered and evaluated for BBDA 1A and 2:

- Alternative 1) **No Action:** This alternative was evaluated to provide a baseline for comparing the alternatives.
- Alternative 2) **Land Use and Engineered Control:** A land use and engineered control would be adopted to prohibit certain reuses of the site.
- Alternative 3) **Excavation:** Debris and soil contaminated with COCs would be removed by excavation, transported, and disposed at an offsite, permitted facility.
- Alternative 4) **Engineered Cover and Land Use Control:** A clean soil cover would be placed over contaminated soil and a land use and engineered control would be adopted to prohibit certain reuses of the site. At BBDA 1A, asphalt source material would be removed from the ground surface before placing the soil cover. Long-term monitoring and maintenance of the cover would be required.



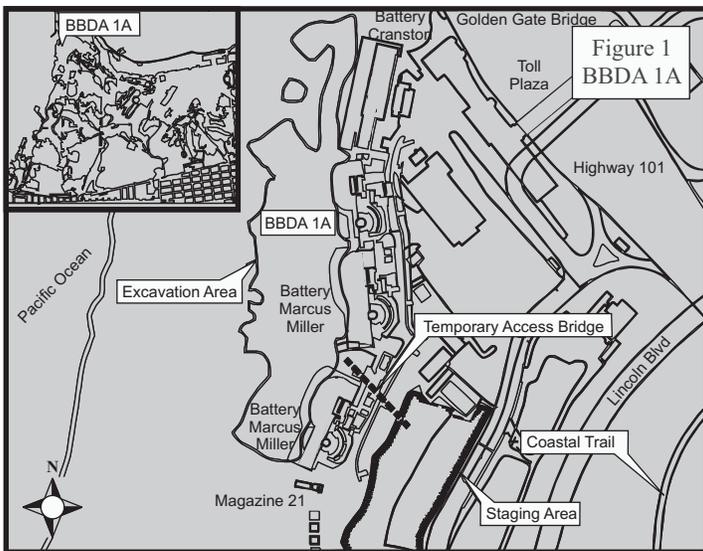
These cleanup alternatives were evaluated using nine federal evaluation criteria. The two threshold criteria that must be met for an alternative to be further considered are: 1) overall protection of human health and the environment; and 2) compliance with applicable, relevant, and appropriate requirements. Once the alternatives have passed the threshold criteria, they are balanced against other criteria, including the short and long-term effectiveness, implementability, and estimated cost of implementing the alternative.

### Proposed Cleanup Alternative

The proposed remedial action for BBDA 1A is Alternative 3, Excavation. The primary elements of the proposed remedy are:

- Removal of an estimated 4,400 cubic yards (cy) of asphalt source material and soil to achieve cleanup levels
- Transportation to and offsite disposal of excavated materials at a permitted landfill
- Backfill of the excavation with clean soil

See Figure 1 below for a conceptual layout of the BBDA 1A excavation. The estimated cost of the proposed remedy is \$3.4 million.

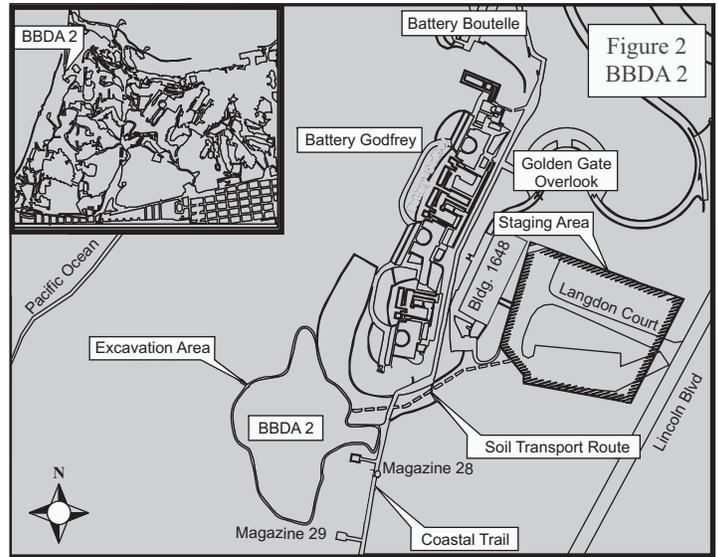


The proposed remedial action for BBDA 2 is Alternative 3, Excavation. The primary elements of the proposed remedy are:

- Removal of an estimated 6,700 cy of debris fill and soil to achieve cleanup levels

- Transportation to and offsite disposal of excavated materials at an offsite, permitted landfill
- Backfill of the excavation with clean soil

See Figure 2 below for a conceptual layout of the BBDA 2 excavation. The estimated cost of the proposed remedy is \$3.2 million.



### California Environmental Quality Act

In compliance with CEQA, DTSC prepared a Draft Negative Declaration and found that although there will be limited minor and short-term impacts, implementation of the proposed remedy will improve overall environmental quality and have no significant environmental impacts. The scope of the analysis included consideration of potential impacts to traffic, air quality, noise, cultural resources, and biological resources, among other topics.

### How to Submit Comments

Comments may be provided as follows:

Present written or verbal comments at the public meeting scheduled for Wednesday, January 9, 2013 at 7 pm at the Golden Gate Club (135 Fisher Loop, Presidio of San Francisco), or send written comments by mail or by email, postmarked no later than February 5, 2013, to one of the following:

Lori Koch, DTSC  
700 Heinz Avenue, Suite 200  
Berkeley, CA 94710-2721  
[Lori.Koch@dtsc.ca.gov](mailto:Lori.Koch@dtsc.ca.gov)

Radhika Majhail, DTSC  
8800 Cal Center Drive  
Sacramento, CA 95826-3200  
[Radhika.Majhail@dtsc.ca.gov](mailto:Radhika.Majhail@dtsc.ca.gov)

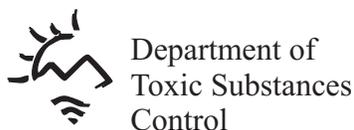
Eileen Fanelli, Presidio Trust  
P.O. Box 29052; 103 Montgomery Street  
San Francisco, CA 94129-0052  
[efanelli@presidiotruster.gov](mailto:efanelli@presidiotruster.gov)

# Presidio Environmental Cleanup

The Presidio Trust  
P.O. Box 29052  
103 Montgomery Street  
San Francisco, CA 94129



[www.presidio.gov](http://www.presidio.gov)



First Class Mail  
U.S. Postage PAID  
San Francisco CA  
Permit No. 925

## How To Obtain More Information

The Draft FS/RAPs, CEQA Initial Study, CEQA Draft Neg Dec, and other documents that are part of the administrative record are available for review at the following locations:

Presidio Trust Library  
103 Montgomery Street, Presidio of San Francisco  
Phone: (415) 561-5343  
Email: [bjanis@presidiotrust.gov](mailto:bjanis@presidiotrust.gov)  
Library Hours: Monday – Friday, 8:30 am to 4:30 pm  
<http://www.presidio.gov/about/Pages/baker-beach-disturbed-areas-1a-and-2-remediation.aspx>

Department of Toxic Substances Control (file room)  
700 Heinz Avenue, Berkeley  
Phone: (510) 540-3800  
Call for an appointment.  
[http://www.envirostor.dtsc.ca.gov/public/profile\\_report.asp?global\\_id=60001317](http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001317)  
[http://www.envirostor.dtsc.ca.gov/public/profile\\_report.asp?global\\_id=60001638](http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001638)

For additional information and questions, contact Lori Koch (DTSC) at (510) 540-3951; Radhika Majhail (DTSC) at (916) 255-6681; or Eileen Fanelli (Trust) at (415) 561-4259. All documents made available to the public by DTSC can be accessed in alternate formats (e.g., Braille, large print) or in another language, as appropriate,

in accordance with state and federal law. Please contact Radhika Majhail at the phone number or email address listed above for assistance.

## Anuncio

Si prefiere con alguien en español acerca de ésta información, favor de llamar a Jacinto Soto, Departamento de Control de Substancias Tóxicas. El número de teléfono es (510) 540-3842.

## 公告

如果你想用廣東話查詢有關資料，請致電 (510)540-3847 與有毒物質控制部 Patrick Lee 聯絡。

## Public Meeting and Comment Period

DTSC is holding a 60-day public comment period starting on December 5, 2012 and ending on February 5, 2013. A public meeting will be held on Wednesday, January 9, 2013 at 7 pm. Written and oral comments will be accepted at the public meeting which will be held at the Golden Gate Club, 135 Fisher Loop, Presidio of San Francisco, California (see page 1 for directions). See page 3 to learn how to submit written comments.