



Proposed Draft Feasibility Study and Remedial Action Plan for Mountain Lake

Presidio of San Francisco



Introduction

This fact sheet describes the Draft Feasibility Study and Remedial Action Plan (FS/RAP) for Mountain Lake at the Presidio of San Francisco (see Figure 1 on Page 3 for the site location). The Draft FS/RAP evaluates environmental contamination at Mountain Lake and proposes a cleanup action or “remedy” to address the contamination. The Draft FS/RAP proposes removal of contaminated sediment by dredging with offsite disposal and limited capping, if needed, as the remedy for Mountain Lake. The Department of Toxic Substances Control (DTSC) found that implementation of the proposed cleanup action 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/RAP and Neg Dec have been issued for public comment. After the public comment period ends, DTSC, in consultation with the Presidio Trust (Trust), will respond to comments received and 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. A Final FS/RAP will then be prepared.

The remedy selected in the Final FS/RAP may differ from the action proposed in the Draft FS/RAP based on the response to public comments. The cleanup action is scheduled to be conducted in summer 2012 through fall 2013, pending approval of the Final FS/RAP by DTSC.

This fact sheet provides the following for Mountain Lake:

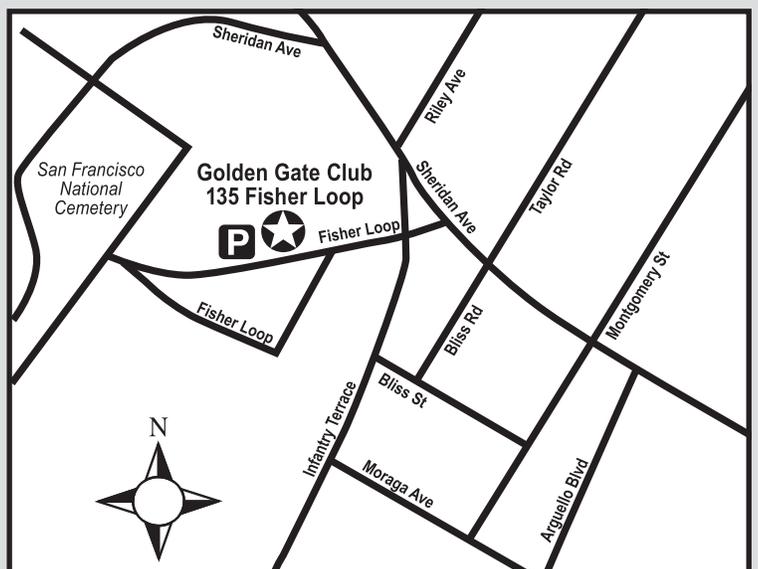
- Description of the site and associated land uses
- The need for cleanup and objectives of cleanup
- The alternatives that were considered for cleanup
- The preferred alternative proposed for cleanup
- Information on how the public can comment on the proposed cleanup action

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 north, the Pacific Ocean to the west, and the City of San Francisco to the east and south. From 1848 through 1994 the Presidio was a U.S. Army installation. In 1997,

COMMENT PERIOD: March 19 to May 3, 2012
PUBLIC MEETING: Thursday, April 19, 2012, 6:30 pm
Golden Gate Club
135 Fisher Loop, Presidio of San Francisco

The public is invited to submit comments on the Draft FS/RAP and Neg Dec under CEQA during a 45-day public comment period which begins March 19 and ends May 3, 2012. A public meeting will be held on April 19, 2012. DTSC and Presidio Trust representatives will present the cleanup plan proposed by the Draft FS/RAP and record oral public comments. Written comments may also be submitted by mail or email and must be postmarked no later than May 3, 2012. See page 3 for how and where to send written comments.



Directions:

<http://www.presidio.gov/about/Pages/mountain-lake-remediation.aspx>
or (415) 561-5418

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. This Draft FS/RAP addresses Mountain Lake.

Mountain Lake History and Land Use

Mountain Lake is a 4-acre, groundwater-fed lake located at the southern edge of the Presidio. The lake receives runoff from Highway 1 (Park Presidio Boulevard) and the Presidio golf course. Leaded fuels associated with highway use and pesticides from the golf course have historically discharged into the lake. The golf course is not a continuing source of contaminants to the lake because the golf course now operates under an Integrated Pest Management Program that controls pesticide and fertilizer use.

The lake is the main feature of Mountain Lake Park, a recreational area. Picnicking, dog-walking, and hiking are popular activities. The area to the south of the lake contains a playground, tennis courts, picnic areas, and a small beach. Fishing, swimming, and recreational boating are not permitted on Mountain Lake. The lake area includes open water, wetlands, and riparian woods and vegetation, and supports a variety of exotic and native plant and animal species.

Why Is Cleanup Needed?

Samples have been collected from Mountain Lake to assess levels of contaminants in sediment and surface water of the lake. The sample results indicate that contaminants are not present at concentrations that pose a risk to human health. However, lead and motor oil are present in sediment of Mountain Lake at concentrations that pose a potential risk to the aquatic environment. These contaminants have been identified as chemicals of concern (COCs) in lake sediment. The cleanup action proposed in the Draft FS/RAP will reduce the risk to a level that is protective of the environment.

Objectives of the Proposed Cleanup Action

The primary objectives of the cleanup action are:

- Protection of human health and the environment
- Protection of water quality and ecological resources
- Elimination of current and future accumulation of contaminant mass in lake sediment
- 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 Mountain Lake were evaluated in the Draft FS/RAP based on the cleanup objectives described above. The following cleanup alternatives were considered and evaluated:

- **Alternative 1) No Action:** This alternative was evaluated to provide a baseline for comparing the alternatives.
- **Alternative 2) Capping:** Clean sand would be imported and placed over the contaminated sediment. Long-term monitoring and maintenance of the cap would be required.
- **Alternative 3) Dredging with Offsite Disposal and Limited Capping:** Sediment contaminated with COCs would be removed by dredging, transported, and disposed at an offsite, permitted facility. As a contingency, a sand cap would be placed in areas where dredging may be infeasible, such as at the toe of slope along Highway 1 on the western side of the lake.

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 Mountain Lake is Alternative 3, Dredging with Offsite Disposal and Limited Capping. The primary elements of the proposed remedy are:

- Dredging of approximately 15,600 cubic yards of sediment from the lake to achieve ecological cleanup levels
- Placement of a sand cap in areas that cannot be dredged
- Dewatering of sediment and discharge of water back into the lake after treatment if needed
- Transportation to and offsite disposal of dewatered sediment at an offsite, permitted landfill

See figure below for a conceptual layout of dredging operations. Under the proposed remedy, the California Department of Transportation (Caltrans) would stabilize Highway 1 to protect the roadway from

failure during dredging operations and treat runoff from Highway 1 to prevent future buildup of contaminants in the lake. The present worth of the proposed remedy is \$9,200,000.

California Environmental Quality Act

In accordance with CEQA DTSC prepared a Draft Neg Dec and found that although there will be limited minor and short-term impacts, implementation of the proposed remedy will improve the overall environmental quality and have no significant environmental impacts. The scope of CEQA 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 April 19, 2012 at 6:30 pm at the Golden Gate Club (135 Fisher Loop, Main Post).

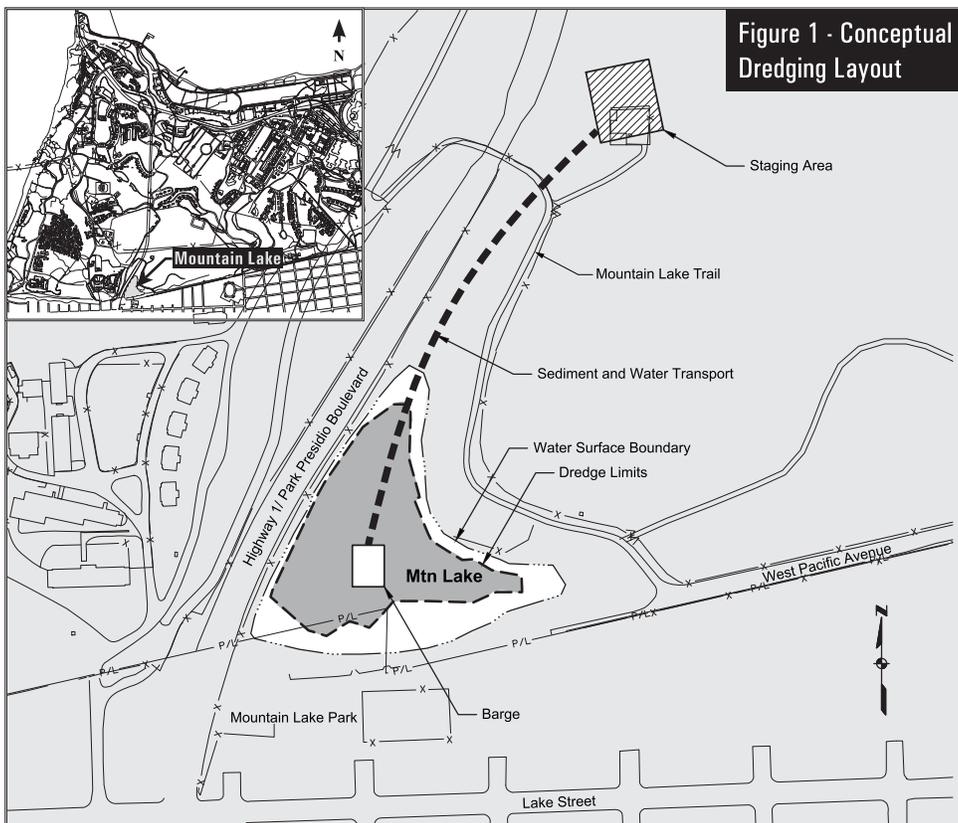


Figure 1 - Conceptual
Dredging Layout

- or -

Send written comments by mail or by email, postmarked no later than May 3, 2012, to:

Remedios Sunga, DTSC
700 Heinz Avenue, Suite 200
Berkeley, CA 94710-2721
rsunga@dtsc.ca.gov

- or -

Radhika Majhail, DTSC
8800 Cal Center Drive
Sacramento, CA 95826-3200
rmajhail@dtsc.ca.gov

- or -

Genevieve Coyle, Presidio Trust
P.O. Box 29052; 34 Graham Street
San Francisco, CA 94129-0052
gcoyle@presidiotrust.gov

The Presidio Trust
P.O. Box 29052
34 Graham Street
San Francisco, CA 94129



www.presidio.gov



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How To Obtain More Information

The Mountain Lake Draft FS/RAP, 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

34 Graham Street, Presidio of San Francisco

Phone: (415) 561-5343

Email: bjanis@presidiotrust.gov

Library Hours: Monday – Friday, 8:30 am to 4:30 pm

<http://www.presidio.gov/about/Pages/mountain-lake-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=60001369

For additional information and questions, contact Remedios Sunga (DTSC) at (510) 540-3840; Radhika Majhail (DTSC) at (916) 255-6681; or Genevieve Coyle (Trust) at (415) 561-4293. 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 45-day public comment period starting March 19, 2012 and ending on May 3, 2012. A public meeting will be held on April 19, 2012 at 6:30 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).