



January
2013

Proposed Draft Removal Action Work Plan for Barnard Avenue Protected Range (BAPR)

Presidio of San Francisco



Introduction

This fact sheet describes the Draft Removal Action Work Plan (RAW) for the Barnard Avenue Protected Range (BAPR) at the Presidio of San Francisco (see map on page 3 for the site location). The Draft RAW evaluates environmental contamination at the BAPR and proposes a removal action or “remedy” to address the contamination. The Draft RAW proposes removal of contaminated soil by excavation with offsite disposal as the remedy for the BAPR. Based on the limited size of the removal action, the Department of Toxic Substances Control (DTSC) has determined that the RAW for the BAPR is exempt from the California Environmental Quality Act (CEQA) and has prepared a Notice of Exemption (NOE) under CEQA.

The Draft RAW has 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. A Final RAW will then be prepared.

COMMENT PERIOD: January 28 to February 27, 2013

PUBLIC MEETING: Tuesday, February 12, 6 pm

Golden Gate Club, 135 Fisher Loop

Presidio of San Francisco

The public is invited to submit comments on the Draft RAW during a 30-day public comment period which begins January 28 and ends February 27, 2013. A public meeting will be held on February 12, 2013 at 6 pm at the Golden Gate Club. DTSC and Presidio Trust representatives will present the cleanup plan proposed by the Draft RAW and record oral public comments. Written comments must be submitted by mail or email and postmarked no later than February 27, 2013. See page 3 for how and where to send written comments.

The remedy selected in the Final RAW may differ from the action proposed in the Draft RAW based on the response to public comments. The removal action is scheduled to be conducted in 2013, pending approval of the Final RAW by DTSC.

This fact sheet provides the following for the BAPR:

- 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, 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 separate remedial plans. This Draft RAW addresses the BAPR.

BAPR History and Land Use

The BAPR is a former small arms firing range used by the Army between approximately 1907 and 1934. The BAPR was located between Barnard Avenue and Quarry Road within the western tributary of the Tennessee Hollow Watershed drainage. The firing line was located in the northeastern extent of the drainage and the target area was located in the southwestern extent of the drainage.

The northwestern portion of the BAPR, including the drainage area, is heavily vegetated with trees, shrubs, and ivy. Multi-family residential housing exists on the northeast portion of the BAPR.

Presidio

Environmental Cleanup

The southern portion of the BAPR is covered with landfill material comprising Landfill E, which was remediated with a soil cover under the direction of DTSC in 2011. This portion of the BAPR is included in the remedy for Landfill E and is not the subject of the Draft RAW. The Draft RAW covers the 0.5-acre portion of the BAPR extending to the north of Landfill E (see map on Page 3).

Why Is Cleanup Needed?

Samples have been collected at the BAPR to assess levels of contaminants in soil. The sample results indicate that contaminants are not present at concentrations that pose a risk to human health. However, metals, pesticides, and diesel hydrocarbons are present in shallow soil and sediment within the drainage area of the BAPR at concentrations that pose a potential risk to ecological species. The source of these contaminants is believed to be runoff from Landfill E. These contaminants have been identified as chemicals of concern (COCs) in soil within the BAPR drainage area. The cleanup action proposed in the Draft RAW 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
- 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 the BAPR were evaluated in the Draft RAW 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 Containment:** Clean soil would be imported and placed over the contaminated soil within the drainage area. Long-term monitoring and maintenance of the cover would be required.
- **Alternative 3 Excavation with Offsite Disposal:** Soil contaminated with COCs would be removed by excavation, transported, and disposed at an offsite, permitted facility.

These cleanup alternatives were evaluated using three DTSC evaluation criteria: 1) effectiveness, 2) implementability, and 3) estimated cost of implementing the alternative. The alternatives were evaluated against these criteria for their ability to effectively protect human health and the environment and comply with applicable laws and regulations.

Proposed Cleanup Alternative

The proposed remedial action for the BAPR is Alternative 3, Excavation with Offsite Disposal. The primary elements of the proposed remedy are:

- Excavation of approximately 1,300 cubic yards of soil from the BAPR drainage area to achieve ecological cleanup levels
- Confirmation sampling to verify that cleanup levels have been met
- Placement of approved backfill material in the excavated area
- Transportation and offsite disposal of excavated soil to an offsite, permitted landfill

See map on page 3 for a conceptual layout of the removal action. Under the proposed remedy, the remedial action area covers approximately 0.5 acre to depths ranging from 0.5 to 1.5 feet. The present worth of the proposed remedy is \$449,400.

California Environmental Quality Act

DTSC has determined that the Draft RAW is categorically exempt from CEQA. The Class 30 exemption applies to minor cleanup actions taken to prevent, minimize, stabilize, mitigate or eliminate the release or threat of release of a hazardous waste or substance which are small or medium removal actions costing \$1 million or less. DTSC has prepared a NOE for the project.

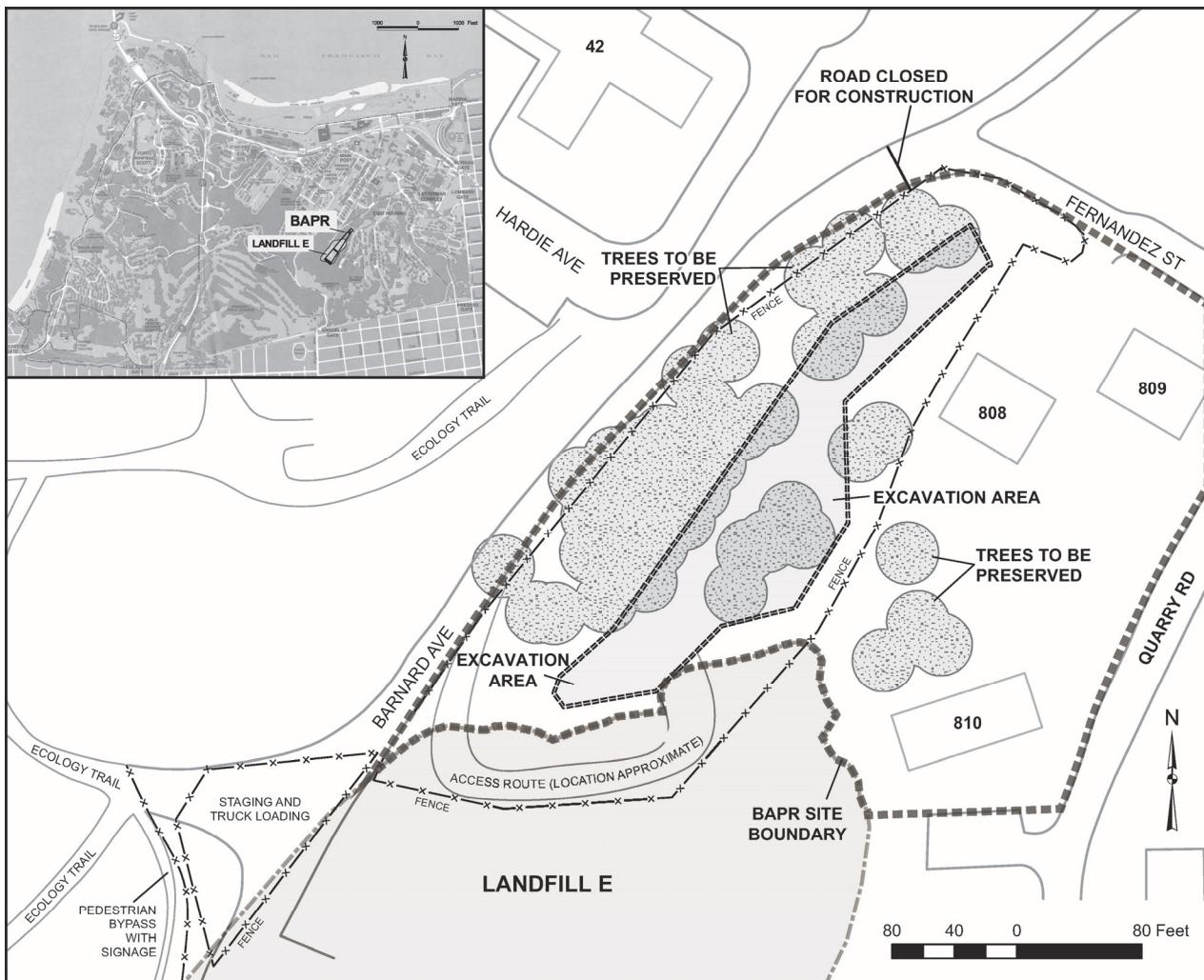
How to Submit Comments

Present oral comments at the public meeting scheduled for Tuesday, February 12 at 6 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 27, 2013, to:

George Chow, DTSC
700 Heinz Avenue, Suite 200, Berkeley,
CA 94710-2721; George.Chow@dtsc.ca.gov
- or -

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

Genevieve Coyle, Presidio Trust
P.O. Box 29052; 103 Montgomery Street, San
Francisco, CA 94129-0052; gcoyle@presidiotrust.gov



Presidio Environmental Cleanup

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www.presidio.gov



First Class Mail
U.S. Postage PAID
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Permit No. 925

Printed on 100% post-consumer waste recycled paper using soy-based ink.

How To Obtain More Information

The BAPR Draft RAW 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

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

<http://www.presidio.gov/about/Pages/barnard-avenue-protected-range-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=60001647

For additional information and questions, contact George Chow (DTSC) at (510) 540-3879; 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 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 30-day public comment period starting January 28 and ending February 27, 2013. A public meeting will be held on Tuesday, February 12 at 6 pm at the Golden Gate Club, 135 Fisher Loop, Presidio of San Francisco. Written and oral comments will be accepted at the meeting. See page 3 to learn how to submit written comments. Written comments may be submitted by mail or email and must be postmarked no later than February 27, 2013.