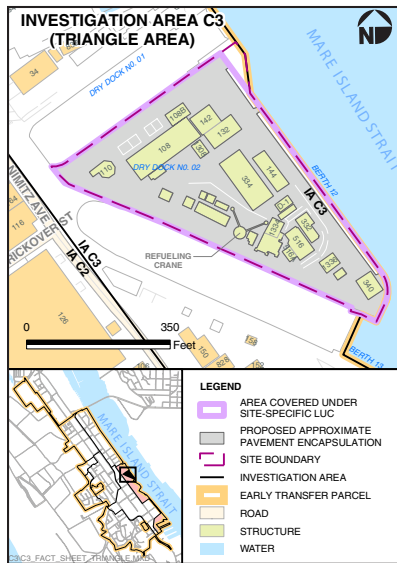


FACT SHEET, June 2009

Mare Island Draft Final Feasibility Study/Remedial Action Plan for Black Granular Material in the Investigation Area C3 Triangle Area Available for Public Comment



The Department of Toxic Substances Control (DTSC) is distributing this fact sheet to inform the community about the Draft Final Feasibility Study/Remedial Action Plan (FS/RAP) for Black Granular Material (BGM) in the Investigation Area (IA) C3 Triangle Area, Lennar Mare Island, Vallejo, California. The FS/RAP was prepared to address the BGM in the IA C3 Triangle Area (site).

mandated levels for the planned commercial and industrial land use for this area. Accordingly, remedial alternatives were developed and evaluated to determine the most effective method to reduce the potential risk associated with exposure to lead at the site.

Remedial Alternatives Considered and Recommended

The Draft Final FS/RAP presents remedial alternatives and a detailed analysis of each alternative to address the presence of constituents in soil. Detailed analysis was conducted to provide sufficient information to compare alternatives, recommend an appropriate remedial action for the site, and demonstrate to the satisfaction of DTSC and other concerned parties that the preferred remedial alternative is protective of human health and the environment.

The preferred remedy for the site involves encapsulation of the BGM and BGM-impacted soil, institutional controls, and inspection and maintenance of the encapsulating surface. Main components of the preferred remedial alternative are as follows:

- Removing and replacing base material in areas where the existing paving system has failed.
- Leaving concrete pads and other structures in place as encapsulation barriers.
- Placing 2 to 6 inches of new asphalt over the entire area outside the footprints of structures.
- Conducting groundwater monitoring for up to 5 years after implementation.
- Performing annual inspections and periodic maintenance of the paved surface.

What is the Draft Final FS/RAP?

The FS/RAP is a document describing how BGM located throughout the site will be remediated and how the potential impacts of BGM to groundwater will be monitored after completing remedy implementation. It summarizes relevant reports and studies performed at the site, present possible remedial alternatives, and the preferred remedial action for the site. Remedial alternatives are screened and evaluated on the basis of their effectiveness, implementability, and cost. The FS/RAP then identifies the preferred remedy, which DTSC recommends and believes is the most appropriate for the future use of the area.

Site Description

The site consists of 5.4 acres between Dry Docks 1 and 2 and Mare Island Strait and includes Building 108 and Installation Restoration Program Sites 09 and 12. The area contains many structures and is generally paved. Buildings in this area were previously used for many different purposes, including shipwright shops, offices, and machine shops, pump houses, paint storage and manufacturing units, chemical storage, nuclear work facilities, and electrical substations. These types of activities have not occurred at the site since 1996, when Mare Island Naval Shipyard closed.

What Was Found in the Triangle Area?

BGM is composed of a loose furnace slag and coal ash material, sometimes also including fine metal debris. Because BGM is believed to have been generated from foundry, smelting, or blast furnace operations, it is likely that lead concentrations found in soil samples collected from the site were at least partly the result of the presence of BGM. The results of field investigations performed in 2008 suggest that BGM was placed throughout the site as structural or general fill during development. BGM is present in many locations, but at different depths (to approximately 11 feet below ground surface) and in varying thicknesses. The collected data show that lead contamination is present in soil at concentrations that exceed the acceptable state-

Future Activities

Before DTSC makes a final decision to approve, modify, or deny the Draft Final FS/RAP, the document will be made available for public comment during a 30-day public comment period. All comments received from the public during the comment period will be reviewed and addressed before the FS/RAP is finalized and approved by DTSC.

Once a Final FS/RAP is approved, the remedial action will begin. Remedial activities are anticipated to start in Fall 2009. After DTSC approves that all the remedial activities have been properly implemented, land use controls will be recorded as necessary. DTSC will then verify that land use controls have been recorded and that all plans and agreements are in place to ensure proper enforcement and monitoring in the future.

California Environmental Quality Act

In compliance with the California Environmental Quality Act (CEQA), DTSC has prepared an Initial Study to evaluate environmental impacts from the proposed actions in IA C3 Triangle Area. DTSC concluded that the project will not have a significant impact on the environment and intends to issue a California Environmental Quality Act Negative Declaration. The Negative Declaration is part of the administrative record for this project and a copy will be placed in the information repositories listed in this fact sheet.

30 DAY PUBLIC COMMENT PERIOD AND MEETING

A 30-day public comment period has been established to review the Draft Final FS/RAP. All public comments will be considered and responded to in a document "Response to Comments" before making a final decision on this site. The public comment period is: June 16 – July 15, 2009.

The complete Draft Final FS/RAP and other related project documents are available at the local information repositories listed on this fact sheet. Please send comments, postmarked by July 15, 2009 to Mr. Henry Chui, DTSC, 700 Heinz Avenue, Berkeley, CA 94710-2721 or email comments directly to Mr. Chui: hchui@dtsc.ca.gov.

DTSC will hold a public meeting to explain this project to interested community members, answer questions, and receive comments.

Date: June 24, 2009 @ 7:00 p.m.

Location: Mare Island Conference Center, 375 G Street, Mare Island, Vallejo, California

FOR MORE INFORMATION

If you have questions about the Draft Final FS/RAP, please contact:

DTSC Public Participation Specialist

Mr. Richard Perry, 510/540-3910
Email: rperry@dtsc.ca.gov

DTSC Project Manager

Mr. Henry Chui, 510/540-3759
Email: hchui@dtsc.ca.gov

DTSC Public Information Officer

Ms. Claudia Loomis, 916/255-6578
Email: cloomins@dtsc.ca.gov

Si desea informacion en espanol, comuniquese con Jacinto Soto, el numero de telefono, 510/540-3842.

INFORMATION REPOSITORIES

The Draft Final FS/RAP and other project documents are available for review at:

John F. Kennedy Library
505 Santa Clara Street
Vallejo, CA 94590

DTSC Berkeley Office
700 Heinz Avenue
Berkeley, CA 94710-2721

NOTICE TO HEARING-IMPAIRED INDIVIDUALS

TDD users can obtain information about the site by using the California State Relay Service 888/877-5378 to reach the Public Participation Specialist.

MARE ISLAND RESTORATION ADVISORY BOARD (RAB)

Mare Island has a RAB that comprises interested community members and regulatory representatives. The RAB usually meets on the last Thursday of the month.

DTSC
700 Heinz Avenue
Berkeley, CA 94710-2721



What's inside:

- Mare Island Draft Final FS/RAP for IA C3
- Public Meeting Information
- Public Comment Announcement
- Community Outreach Information