



Department of
Toxic Substances
Control

*Preventing
environmental
damage from
hazardous waste,
and restoring
contaminated
sites for all
Californians.*



State of California



California
Environmental
Protection Agency

Fact Sheet, July 2006

Proposed Remedies for Soil & Groundwater Tyco Electronics Menlo Park Facility

The California Department of Toxic Substances Control (DTSC) announces a 45-day public comment period on the proposed remedies for the Tyco Electronics Facility (Tyco) located at 300 Constitution Drive in Menlo Park, California. (See site map on page 2.). The remedies are described in a Corrective Measures Study Report (CMS) and Implementation Plan (IP) and summarized in this fact sheet.

The CMS/IP provides an assessment of site conditions and recommends methods to clean up the site. It also outlines the necessary steps and schedules for continued groundwater monitoring. The annual site inspections that will be conducted to ensure current cleanup systems are still working and protective of public health and the environment if the remedies are approved for the site are also described in the CMS/IP.

Tyco has completed several interim cleanups including soil excavation and installation of a protective engineered cap. The interim cleanups were described and provided to the community over the past four years as Interim Remedial Measures (IRMs).

DTSC has also proposed a Negative Declaration for this project in compliance with the California Environmental Quality Act. A Land Use Covenant Implementation and Enforcement Plan has also been prepared for Tyco. The public is invited to comment on these documents and the Corrective Measures Study Report and Implementation Plan during the 45-day public comment period. (See box below).

This fact sheet will provide you with information on the:

- History and background of the site
- RCRA Corrective Action Process
- CMS/IP Report Findings
- Human Health Risk Assessment Findings
- California Environmental Quality Act (CEQA)
- Next steps

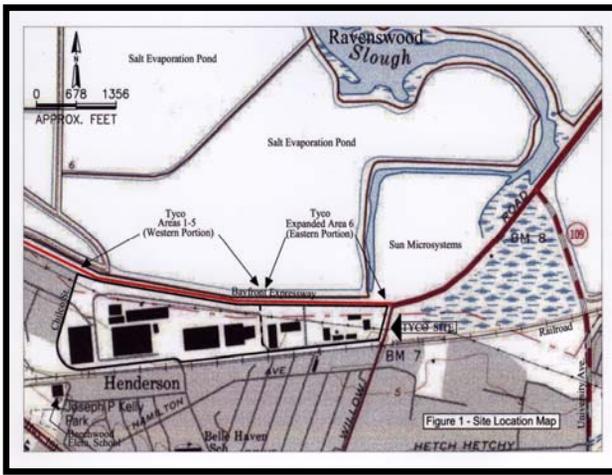
PUBLIC COMMENT PERIOD

DTSC will hold a 45-day public comment period to provide the community with an opportunity to review and comment on the proposed Corrective Measures Study Report and Implementation Plan and the CEQA Negative Declaration. The public comment period begins on July 27th and ends on September 11, 2006.

Community members are encouraged to provide written comments by mail or electronic mail. Please send comments, postmarked by September 11, 2006 to Wei Wei Chui, Project Manager, DTSC, 700 Heinz Avenue, Berkeley, California 94710. DTSC will consider and respond to all comments received before making a final decision on the proposed remedies.

The complete CMS/IP, Land Use Covenant Implementation and Enforcement Plan, Proposed Negative Declaration, and other related project documents are available at the local information repositories listed on page 4 of this fact sheet.





Site Map of Tyco Electronics, Menlo Park, CA

Site Background

The site and adjacent areas were formerly undeveloped marshland, with the exception of a privately owned asphalt batch plant that was located in the central-eastern part of the property. Raychem Corporation purchased and developed the 82 acres from 1965 to 1968 that now comprises the site. Site operations historically consisted of the development, manufacture and sale of high-technology plastic and electrical insulation products.

RCRA Corrective Action Process

The investigation and cleanup process for the Tyco facility is being conducted under the Resource Conservation and Recovery Act (RCRA) and is called the RCRA Corrective Action process. All work is being performed by engineers and environmental scientists, with oversight and approval provided by DTSC and other regulatory agencies. The insert in this fact sheet entitled Steps in the Corrective Action Process summarizes the cleanup process.

Site Investigation Findings

DTSC has overseen investigations at the site since 1989. Two reports document the results of the investigation, the RCRA Facility Assessment (RFA) completed in 1989 and the RCRA Facility Investigation (RFI) completed in 2003. These investigations found that the soils in several areas on the site were contaminated with varying levels of volatile organic compounds (VOC), semi-volatile organic compounds, PCBs, dioxins and dibenzofurans. Groundwater underneath the site is contaminated with VOCs, however, the groundwater is not used for drinking water.

Cleanup Actions Already Taken

From May 2000 to November 2004, several cleanups were conducted at the site. These cleanup actions, called

interim remedial measures (IRMs), removed and/or contained soil contamination while long-term solutions for the site were being developed. These IRMs included the removal and off-site disposal of over 5,000 cubic yards of contaminated soil, replacement with clean fill, and the installation in the eastern portion of the site of an engineered multi-layered (plastic, clay and clean soil) cap to prevent contact with subsurface contaminated soil. This information was provided to the community in fact sheets dated August 2003 and November 2004.



Demolition and removal of structures in the east end of Tyco have been completed

Human Health Risk Assessments

Risk assessment studies look at ways that the health of humans, animals and plants can be affected by contamination at a site.

Two human health risk assessment (HRA) studies were conducted at Tyco to evaluate potential human health risks associated with the remaining chemicals present in the soil and groundwater beneath the site.

Ingestion and/or breathing of small soil particles by humans and animals or the uptake of chemicals through plants' root systems were identified as possible exposure pathways. Different land-use scenarios were also evaluated, including future use of the site for commercial and for residential purposes. Levels of chemicals that could be harmful to human health or the environment were calculated using USEPA and DTSC standards and compared to the levels of chemicals remaining in soil and groundwater at the Tyco facility.

The risk assessments concluded that the site in its current condition does not present a threat to human health or the environment, as long as the site is used for commercial/industrial purposes only.

Corrective Measures

The CMS/IP evaluates cleanup options and proposes final remedies for the site. The proposed CMS/IP for Tyco, considered past site cleanup actions that have already been performed on the site.

CMS Alternatives Evaluation

Several cleanup, containment or monitoring options for the Tyco site were evaluated.

Each cleanup alternative was evaluated against the following standards/factors: 1) be protective of human health and the environment; 2) meets cleanup standards; 3) controls the source of release so as to reduce or eliminate, to the extent practical, further releases that might pose a threat to human health and/or the environment, 4) meets all applicable waste management requirements; 5) short and long term effectiveness; 6) reduction of contamination; 7) long-term reliability; 8) ease of implementation; and 9) cost.

DTSC's Recommended Cleanup Alternative

The best alternative to address soil and groundwater contamination at the Tyco site is a combination of excavation with off-site disposal of soil and installation of an engineered multi-layered cap in the eastern portion of the site. This work has already been completed through a series of IRMs.

In addition to the previously conducted work, the following work is recommended:

- Install five new wells near the capped area.
- Restrict future use of the site to commercial and/or industrial uses only (land use covenant).
- Conduct inspections to check on the condition of the site.
- Inspect the engineered cap.
- Sample/monitor the groundwater periodically beneath the site.

California Environmental Quality Act (CEQA)

As required by the CEQA, DTSC evaluated whether the approval and implementation of the proposed remedies would harm the environment. DTSC has determined that the remedies would have an insignificant environmental impact, therefore, a Negative Declaration is proposed. Our findings are

documented in an Initial Study that is available for public review and comment at the information repositories.

Next Steps

The majority of corrective actions recommended for the site, including soil excavation and installation of a protective cap, have been implemented at the site as IRMs have been completed over the past five years.

If the proposed CMS/IP is approved, the next steps for Tyco and DTSC at the Menlo Park facility will include:

By Tyco

- Install five additional monitoring wells.
- Continue periodic monitoring. Forty-five wells will be monitored for 20 years for groundwater conditions and movement, VOCs and PCBs. Sixteen of the 45 wells near and downgradient from the capped area will be monitored for PCBs for an additional 30 years.
- Implementation of land use covenant and restrictions as approved by DTSC.
- Annual site inspections to assure appropriate land use and integrity of remedial systems.

By DTSC

- Coordination of public review and comment and consideration of public input.
- Selection of final remedies.

Opportunities for Public Involvement

After DTSC has reviewed and considered the comments received by the community during the 45-day comment period, DTSC will prepare a Response to Comments document. This document includes all the comments DTSC received about the CMS/IP, Land Use Covenant Implementation and Enforcement Plan, and Proposed Negative Declaration during the 45-day comment period. DTSC will consider all comments before making a final decision on the final remedies. The Response to Comments document will be placed in the Information Repositories.

DTSC will approve, modify or deny the proposed remedies. If approved, Tyco will implement the selected remedies.

For More Information

If you have questions about the cleanup project at Tyco, please contact:

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For media inquiries, please contact:

Angela Blanchette
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Information Repositories

The CMS/IP, Land Use Covenant Implementation and Enforcement Plan, Proposed Negative Declaration, and other project documents are available for review at:

Menlo Park Library
Belle Haven Branch
413 Ivy Drive
Menlo Park, CA
(650) 329-0145

DTSC File Room
700 Heinz Avenue
Berkeley, CA 94710
(510) 540-3800
Hours: 8 – 5 p.m.
Note: Please call for an appointment

Notice to Hearing-Impaired Individuals

TDD users can obtain information about the site by using the California State Relay Service (800) 735-2929. Please ask them to contact Mr. Richard Perry Public Participation Specialist at (510) 540-3910.

For more information about DTSC

For more information about DTSC, please see our Web site at www.dtsc.ca.gov.

En español

Si desea informarse en español acerca de esta notificación, por favor llame al Sr. Jacinto Soto, especialista en Participación Pública del Departamento de Control de Substancias Tóxicas, al número (510) 540-3842.