



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, October 2006

Corrective Action Planned at the Former Toppan Electronics, Inc. Manufacturing Site

We invite you to review and comment on a draft Corrective Measure Study/Corrective Measures Implementation Workplan (Workplan) submitted by Toppan Electronics, Inc. (TEI) to remove and dispose of contaminated soil that was found at the former manufacturing facility located in San Diego. The soil removal is expected to begin late 2006. The Corrective Measures are required to address high levels of metals and volatile organic compounds (VOCs) that may pose an unacceptable risk to human health and the environment.

The Department of Toxic Substances Control (DTSC) is the state agency that regulates hazardous waste management and cleanup activities. We make sure that the corrective action meets state and federal standards that protect human health and the environment. The facility is responsible for the implementation of the Workplan activities and site restoration.

Site History and Description

The former TEI manufacturing site covers about 5.5 acres and is located at 7770 Miramar Road in San Diego. It is bordered by Miramar Road to the south, commercial properties to the east and west, and a railroad track and other commercial properties to the north. The Marine Corps Air Station at Miramar is located south of Miramar Road.

The site was initially developed as an industrial property in the mid-1970s. TEI purchased the property in 1988 to manufacture printed circuit boards. During the operations, TEI engaged in the management of hazardous wastes. In 2003, the facility was closed.

Public Comment Period October 18, 2006 to November 18, 2006

A 30-day public comment period will be held to comment on the draft Corrective Measures Study and Corrective Measures Implementation Workplan for the site. We invite you to submit your comments during this time. We will consider your comments before a final decision is made. Written comments must be e-mailed no later than 5:00 pm or postmarked by **November 18, 2006**, and sent to:

Ms. Nirupma Suryavanshi
DTSC Project Manager
Dept. of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630
nsuryava@dtsc.ca.gov

Si desea información en español, comuníquese con Leticia Hernandez al (714) 484-5488 o número gratis 1-866-495-5651.

*For more information about the DTSC, please visit our web site at
www.dtsc.ca.gov*



Site History continued.....

Currently, a two-story building is located on the site which formerly housed offices and manufacturing operations. The areas outside of the building was used primarily for wastewater treatment, chemical storage operations and employee parking. The site is enclosed by a 6-foot high chain-link fence topped with barbed wire.

Site Investigation Results

DTSC conducted an inspection of the facility in 2002 and identified 20 solid waste management units and areas of concern. DTSC concluded that further investigation was needed to determine if contamination may have migrated from the facility into the environment.

A Facility Investigation (FI) was conducted in 2003 and 2005. The results of the FI identified arsenic, lead and several VOCs which may have been released into the soil.

Why Corrective Action is Needed

TEI conducted a Study to determine the best method to address the contamination identified by the FI. TEI prepared a Workplan to remove the contaminated soil.

The draft Study evaluated four alternatives and recommended the most suitable corrective measures for the site. Four corrective action alternatives were evaluated in the Study based primarily on the effectiveness of protecting human health and the environment, ability to implement and overall cost.

The alternatives are:

Alternative 1 – No Action (included by law as a baseline and for comparison purposes)

Alternative 2 – Source Removal, Soil Vapor Intrusion Control and Monitoring

Alternative 3 – Deep, Extensive Soil Excavation and Monitoring

Alternative 4 – Extensive Shallow Soil Excavation, Soil Vapor Extraction, and Monitoring

Any corrective action plan must protect human health and the environment, have reasonable cost and be available for review to the community. The best plan that meets these goals is Alternative 3. Although this alternative has the

highest cost, it is the most permanent and protective of human health and the environment.

Notice of Exemption

DTSC has prepared a draft Notice of Exemption (NOE) for this project as required by California Environmental Quality Act (CEQA). The NOE document states that the project will not have significant negative effect on the environment because of the short duration, relatively small volume of contaminated soil that will be removed, and the controlled manner in which the material will be removed, loaded onto trucks and taken off-site for disposal.

How TEI Plans to Clean Up the Site

Partial demolition of building interiors will be done for access to the excavation areas and to facilitate the work planned for the northeast corner of the site.

The following clean up activities are anticipated:

- Approximately 15,000 cubic yards of contaminated soil will be removed using conventional earth moving equipment.
- The excavated soil will be temporarily stockpiled onsite pending laboratory testing results.
- The stockpiles will be placed on plastic lines and will be covered with plastic to minimize dust and vapor emissions.
- After the soil is tested, the soil will be loaded directly into dump trucks.
- The soil will be transported to State approved disposal facilities.
- It will take about 954 truckloads to remove the soil.
- It is anticipated that the trucks will enter and exit the site from Miramar Road via the east and west gates.

Once the excavation is complete, clean soil will be brought in to fill the excavated areas. In addition, four soil vapor monitoring locations will be installed, sampled and analyzed to ensure that the site does not pose a risk to human health and environment. The sampling will be conducted on an annual basis, unless more monitoring is needed. The annual sampling will be done until DTSC determines that such periodic sampling is no longer necessary.

The fieldwork is expected to take about 6 weeks. The entire cleanup process is expected to take about 8 weeks to complete. This includes soil removal, transportation, confirmation soil sampling and analysis.

Safety and Dust Control during Excavation Activities

To ensure Public Safety and to minimize dust, TEI will take the following precautions:

- Securing the site with fencing to help prevent unauthorized entry
- Maintaining slow speeds of vehicles while on the property
- Ensuring the work areas are lightly sprayed or misted with clean water to prevent dust
- Spraying water on the soil after it is loaded into the trucks to prevent further dust
- Brushing the truck tires clean as they leave the site
- Monitoring the air at the site

Next Steps

At the end of the comment period, DTSC will evaluate all comments received prior to approving the Workplan. After the implementation of the approved Workplan, TEI will submit a Corrective Measure Completion Report to DTSC for review and approval. A copy of this report will be available at the locations identified on this page.

Where to Find Site Documents

The draft Corrective Measures Study/Corrective Measures Implementation Workplan is available for review at the following locations:

San Diego Public Library/Mira Mesa Branch

8405 New Salem Street
San Diego, CA 92126-2398
Phone: (858) 538-8165

Department of Toxic Substances Control

5796 Corporate Avenue, Cypress, CA 90630
Contact: Regional File Coordinators
Phone: (714) 484-5337

Who to contact for information

If you have any questions about the project or cleanup activities, please contact the following persons:

Ms Nirupma Suryavanshi, Project Manager
(714) 484-5375
nsuryava@dtsc.ca.gov

Ms Leticia Hernandez
Public Participation Specialist
(714) 484-5488 or toll-free 1-866-495-5651
lhernand@dtsc.ca.gov

For media inquiries, please contact:

Ms. Sandra Friedman, Public Information Officer
(714) 484-5383
sfriedma@dtsc.ca.gov

Notice to Hearing Impaired Individuals

TDD users can use the California Relay Service at 1-888-877-5378 to reach DTSC Public Participation Specialist, Leticia Hernandez, at (714) 484-5488 or toll-free 1-866-495-5651.

