



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, September 2006

Hitachi Corrective Measures Study Report and Proposed Remedy Available for Public Review

Introduction

The California Department of Toxic Substances Control (DTSC) is requesting public comment on the Corrective Measures Study (CMS) Report and proposed remedy for the Redevelopment Property at the Hitachi Global Storage Technologies, Inc. (Hitachi GST) facility. The Hitachi GST facility is located at 5600 Cottle Road in San Jose, California. (Please see Figure 1 on page 2.)

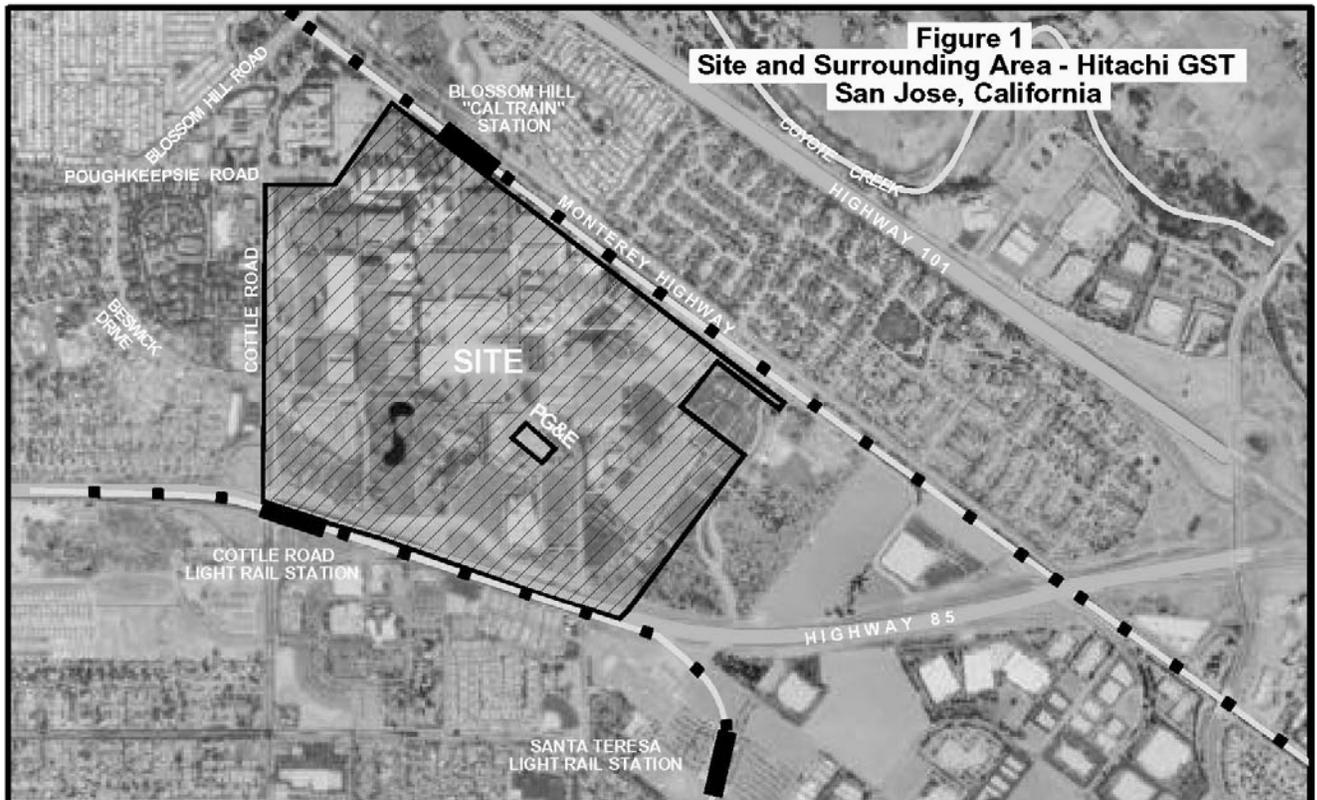
Hitachi GST is planning to sell approximately 143 acres of their 321-acre facility for redevelopment into commercial, residential and park areas. This 143-acre property is known as the Redevelopment Property and is located on the western side of the Hitachi GST facility. (Please see Figure 2 on page 4.) Hitachi GST has investigated the Redevelopment Property for presence of contamination from past uses. DTSC has reviewed the results of the site investigation. The CMS Report summarizes the results of the site investigation, identifies specific cleanup goals, evaluates and recommends cleanup alternatives. The recommended cleanup alternative is to remove all contaminated soils above DTSC established cleanup levels and dispose them at an approved landfill. A Soil Management Plan (SMP) has been developed, which contains detailed procedures for identification of contamination and removal of contamination above DTSC approved cleanup goals.

A Public Workshop and a Public Hearing will be held on October 12, 2006, starting at 6:30 PM at the Southside Community Center located at 5585 Cottle Road, San Jose, California 95123, (408) 629-3336. DTSC will present the project and answer questions during the Workshop and accept comments during the Hearing. Please note that DTSC will discuss only the cleanup of the Redevelopment Property and not the redevelopment plans.

The 45-day Public Comment Period will run from September 8, 2006, to October 23, 2006. Please send your comments to: Paul Ruffin, Department of Toxic Substances Control, 8800 Cal Center Drive, Sacramento, California 95826 or e-mail to pruffin@dtsc.ca.gov. Mailed comments must be post-marked no later than October 23, 2006. E-mailed comments must be received by DTSC no later than midnight on October 23, 2006.

For Public Participation questions, please call Randy Sturgeon at (916) 255-3649. For Media questions, please call Angela Blanchette at (510) 540-3732.





The primary cleanup option described in the CMS Report is excavation of contaminated soil and transportation to an approved off-site disposal facility. The CMS Report includes alternative actions that may be taken if more than 1,000 cubic yards of soil must be excavated. In addition to continued excavation, other alternatives are soil vapor extraction (SVE) and capping with deed restrictions. A Soil Management Plan (SMP) containing implementation procedures for the proposed remedy has been prepared. The SMP is a part of the CMS Report and an integral part of the proposed remedy.

Site Background

From 1955 to 2003, IBM owned the site and conducted research, development and manufacturing operations related to computer storage devices, such as hard disk drives and disk storage media. Hitachi GST purchased the site in January 2003 and has continued similar operations through the present time.

The chemicals used at the facility include corrosive acids and bases, halogenated and non-

halogenated organic solvents, lubricants, adhesives, and resins. Hazardous wastes generated from these processes are either treated at the facility under a DTSC issued permit or transported for recycling or disposed of at an approved hazardous waste facility.

Hitachi GST collected and evaluated all information known about potential releases of chemicals on the Redevelopment Property in the Current Conditions Report (CCR) dated July 2005. Based on this evaluation, the CCR identified areas on the Redevelopment Property that required additional investigation. Hitachi GST prepared a Soil Inspection/Sampling Plan (SI/SP) in January 2006 for the additional investigations. Some of the investigations can not be completed until buildings and structures on the Redevelopment Property are demolished and removed so that the underlying soil is accessible.

CMS Report

The CMS Report summarizes the characterization of the Redevelopment Property, identifies specific cleanup goals, evaluates cleanup alternatives for soil, and describes how

the cleanup will be implemented. The CMS Report does not address contaminated groundwater, which is being cleaned up by IBM under the oversight of the Regional Water Quality Control Board, San Francisco Bay Region.

A Health Risk Assessment has been prepared under DTSC direction and oversight to establish the site cleanup levels. The site cleanup will ensure that concentrations of chemicals in soil are below site-specific Risk Based Target Concentrations (RBTCs) or background concentrations for inorganic chemicals. The RBTCs correspond to an incremental cancer risk of one in a million or a concentration not expected to cause adverse health effects. Once the site cleanup has been completed, a final risk assessment will be prepared to ensure that remaining contaminants do not pose a threat to human health and the environment.

Proposed Remedy

The proposal remedy consists of removing contaminated soils exceeding the cleanup levels and disposing it at an approved landfill. If removal of all contaminated soils above cleanup goals is not feasible, there is a provision for installing soil vapor extraction (SVE) system to remove residual contamination. If a SVE system is needed, Hitachi GST is required to submit specific plans to DTSC for approval. Capping of contaminated soil may be used, subject to DTSC approval, if contaminated soil is located under publicly owned property (roads) and the residual contamination does not pose risk to future residents or groundwater.

The SMP describes how contaminated soils will be identified, managed and disposed of during redevelopment activities. An Environmental Professional (EP) will be on-site during removal of building slabs and other earthwork activities. The EP will be looking for visual and/or olfactory evidence of contamination. The EP will also inspect the integrity of pipes, tanks, and concrete pads for cracks, holes or other indications that a release may have occurred. If the EP finds any signs of potential release, soil sampling will be conducted pursuant to approved SMP.

Remedy Implementation

Contaminated soils will be excavated and stockpiled on-site for characterization prior to off-site disposal. The stockpiles will be placed on an impermeable barrier and covered to prevent dust generation or precipitation run-on.

Confirmation samples will be collected from the excavation area to verify that excavation has achieved the cleanup goals. Equipment and trucks will be decontaminated before leaving the work area.

The contractors implementing the approved remedy, including SMP, will prepare health and safety plans to meet occupational safety and health requirements. Dust control measures such as wetting soil, limiting work to periods when wind is not excessive, and ensuring that trucks are washed down before they leave the site will be used during remedy implementation. Air monitoring for particulate matter will be conducted as part of the health and safety plan and dust control plan.

The remedial actions are expected to start in late 2006 and extend for approximately one year in coordination with the demolition activities on the Redevelopment Property.

California Environmental Quality Act

The City of San Jose prepared an Environmental Impact Report (EIR) to evaluate potential impacts from the redevelopment project, including the site demolition and cleanup. The City of San Jose certified the EIR on June 6, 2005.

Public Involvement and Project Decision

DTSC will make the final decision on the CMS Report and proposed remedy after public comments have been received and considered. Everyone who submitted comments will receive DTSC's Response to Comments document. In addition to the Notice of Final Decision, a copy of the Response to Comments document will be placed in the project information repositories listed below and will also be placed on DTSC's website.

For questions regarding the CMS Report and the proposed remedy, please contact Paul Ruffin,

DTSC Project Manager, at (916) 255-6677 or pruffin@dtsc.ca.gov.

For questions regarding the public participation process, please contact Randy Sturgeon at (916) 255-3649 or rsturgeon@dtsc.ca.gov.

For media questions, please contact Angela Blanchette, DTSC Public Information Officer, at (510) 540-3732 or e-mail ablanche@dtsc.ca.gov.

You can review the CMS Report and other documents related to this project at:

Santa Teresa Public Library
290 International Circle
San Jose, California 95119
(408) 281-1879

Library Hours
Monday – Wednesday 11 AM to 8 PM

Thursday – Saturday 10 AM to 6 PM
Closed Sunday

The full administrative record is available at:
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710
(510) 540-3800 Call for an appointment

You may also find information on this project at the DTSC website www.dtsc.ca.gov

Notice to Hearing Impaired Individuals

TDD users can obtain information about this project by using the California State Relay Service (888) 877-5378 to reach the Public Participation Specialist, call Randy Sturgeon at (916) 255-3649.

