



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 2008

Cleanup Plan for the Proposed South Region Elementary School #6 Available for Review

A draft plan to clean up contaminated soil at the **proposed South Region Elementary School #6** site is open for public review and comment. Lead, arsenic, organochlorine pesticides (OCPs), volatile organic compounds (VOCs), poly aromatic hydrocarbons (PAHs), and total petroleum hydrocarbons (TPH) were found in the soil, and elevated concentrations of VOCs were found in the soil gas beneath the site above levels of concern. The draft plan, called a Remedial Action Plan, or RAP, was submitted by the Los Angeles Unified School District (LAUSD). The site is located on the southwest corner of Slauson Avenue and Main Street in Los Angeles.

Why Cleanup Is Necessary

There is **no** immediate health risk because the public is not exposed to the contaminated soil. However, because exposure to elevated levels of lead, arsenic, OCPs, VOCs, PAHs, and TPH contamination can cause adverse health effects, the Department of Toxic Substances Control (DTSC) recommended that the school district prepare a cleanup plan to remove and dispose of the contaminated soil to protect the future occupants at the new school. DTSC will oversee the cleanup that will take place prior to construction of the new school and will ensure that it is performed in a manner that does not harm people or the environment.

This Fact Sheet provides a brief summary of:

- Why Cleanup Is Necessary
- Environmental Investigations
- History and Operations at the Site
- Proposed Cleanup Options
- Safety & Dust Control During Cleanup
- Proposed Transportation Route for Trucks
- California Environmental Quality Act
- Next Steps
- Where to Find the Documents
- Who to Contact for Information

OPEN HOUSE ANNOUNCEMENT

July 29, 2008, 6 p.m. – 8 p.m.

66th Street Elementary School Auditorium, 6600 S. San Pedro St., Los Angeles, CA 90003

DTSC will host an open house to provide information on the draft RAP for the proposed South Region Elementary School #6 site. DTSC invites you attend this open house to participate actively in the issues that affect the cleanup activities at the school site.

PUBLIC COMMENT PERIOD

July 8, 2008 to August 7, 2008

The draft RAP and other related project documents for this school site are available for review and public comment at the locations listed on page. We will make a final decision on the draft RAP after all public comments have been reviewed and considered. Please submit written comments in the enclosed postage paid envelope postmarked **by August 7, 2008**; or by email before the deadline date no later than 5 p.m. to:

Jeanne Matsumoto, Public Participation Specialist
5796 Corporate Avenue, Cypress, CA 90630
jmatsumo@dtsc.ca.gov

Meeting Accessibility: For information on accessibility and to request reasonable accommodation, please call Jeanne Matsumoto at (714) 484-5338 at least one week in advance of the Open House.

Si desea información en español, comuníquese con Jeanne Garcia al (818) 717-6573



Environmental Investigations

Several site investigations have been conducted since 2006. The investigations found elevated levels of lead, arsenic, OCPs, VOCs, PAHs, and TPH in shallow and deep soil and VOCs in the soil gas that require cleanup. Based on the results and recommendations of the investigations, DTSC has determined that further action is required for 12 former commercial/industrial parcels, 18 current and former residential parcels and one historical vacant lot.

Lead occurs naturally in soil; however, lead is also used in various manufacturing processes and was used in paint until federal laws changed to restrict its use in 1978. The elevated levels found at this site may have resulted from the use of lead-based paint on the buildings. The sources of TPH, PAHs, and VOCs are believed to be from a pipeline located below the site, from off-site gasoline stations, and former operations on-site such as auto repair and a gasoline station.

History and Operations at the site

The proposed site is a 6-acre rectangular-shaped area consisting of 32 individual parcels. The parcels are currently occupied by residences, vacant land, and a soccer field. The site is bordered by West Slauson Avenue to the north, South Main Street to the east, West 59th Street to the south and commercial and residential properties to the west. Former uses at the site include lamp manufacturing, dry cleaning, brake and metal shops, service station, other light commercial industries and residential properties.

Proposed Cleanup Options

The site has been divided into three operable units which are described as follows:

- **Operable Unit 1A (OU1A)** – includes five former commercial and 15 current and former residential parcels contaminated with arsenic, lead, chlordane, and pesticides used on agricultural crops.
- **Operable Unit 1B (OU1B) Pipeline Assessment Area** – includes two former commercial parcels contaminated with naphthalene, benzene and other petroleum based chemicals.

The following remedial action alternatives were considered for cleanup of OU1A and OU1B:

- Alternative 1 – No Action
- Alternative 2 – Containment
- Alternative 3 – Excavation and Offsite Disposal

Based on careful analysis, Alternative 3, Excavation and Offsite Disposal is recommended because it protects human health and the environment, is permanent, and has a reasonable cost. If this alternative is approved, an estimated 3,350 tons (1,878 tons in OU1A and 1,472 tons in OU1B) of soil impacted with arsenic, lead and OCPs will be removed.

- **Operable Unit 2 (OU2)** – includes five former commercial properties, three former residential properties, and one undeveloped parcel contaminated with benzene and various industrial solvents (VOCs) in the soil gas.

The following remedial action alternatives were considered for cleanup of OU2:

- Alternative 1 – No Action
- Alternative 2 – Soil Excavation and Soil Vapor Extraction
- Alternative 3 – Soil Vapor Extraction

Based on the analysis, Alternative 2, Soil Excavation and Soil Vapor Extraction is the preferred removal action for addressing the VOC impacted soil gas at the site. If this alternative is approved, an estimated 15,552 tons of soil will be excavated. The excavated soil will be treated on-site by soil vapor extraction. Soil and soil gas samples will be taken to confirm that the soil clean-up goals have been achieved. If needed, additional excavation will be conducted to remove any additional impacted soil identified. The excavated soil will either be reused on-site or be transported off site to a state approved disposal facility. An additional 552 trucks may be necessary to remove additional soil. Then the excavated area will be refilled with the excavated soil and/or clean imported soil as needed.

Safety & Dust Control during Cleanup

The following actions will be implemented during this process to ensure public safety and minimize dust:

- Installing temporary fencing with windscreens for security and dust control
- Driving all vehicles at slow speeds while on the property
- Spraying of work areas with clean water to control dust
- Securing trucks with covers before they leave the site
- Brushing tires of trucks entering and exiting the site to remove soils and debris
- Monitoring the air at the site to ensure the amount of dust stays at safe levels

Proposed Transportation Route for Trucks

About 169 truckloads will be used to remove the contaminated soil from the site and to bring in clean replacement soil. No more than 30 trucks will be used on any given day. Excavation will be conducted between 7:00 AM to 6:00 PM Monday through Saturday. Trucks will enter the site from East Florence Avenue or South Central Avenue. To minimize potential impacts on the local neighborhood, trucks will leave the site by taking East Florence Avenue west, then turning right on South Grand Avenue and enter the 110 Freeway North. The soil will be transported to a State-approved disposal facility.

California Environmental Quality Act (CEQA)

In compliance with CEQA, DTSC has prepared a draft Initial Study and a draft Negative Declaration for this project. The Initial Study states that the proposed cleanup will not have a significant negative effect on human health and the environment because of the defined amount of contaminated soil to be removed, and the controlled way in which the contaminated soils will be dug out, loaded onto trucks and taken away to an approved/permitted facility for lawful disposal.

Next Steps

At the close of the public comment period, DTSC will review and consider all public comments and make any necessary revisions to the draft RAP prior to final approval. Also, a Response to Comments Document will be mailed to anyone who makes a comment and provides their name and address. The cleanup process is expected to start in July and it will take about two to six months, depending on the operable unit to complete. After the cleanup process is completed, LAUSD will conduct confirmation soil sampling to verify cleanup goals have been met and submit a Remedial Action Completion Report to the DTSC for review and approval.

Where to Find the Documents

The Draft RAP and other related documents for the proposed South Region Elementary School #6 site are available for review at the following locations:

John Muir Branch Library

Reference Desk
1005 West 64th Street
Los Angeles, CA 90044
Phone: (323) 789-4800
Hours: 10 a.m. – 8 p.m. Monday, Wednesday
12 p.m. – 8 p.m. Tuesday, Thursday
10 a.m. – 6 p.m. Friday, Saturday

61st Street Elementary School

Main Office
6020 South Figueroa Street
Los Angeles, CA 90003
Phone: (323) 759-1138
Hours: 8 a.m. – 4 p.m. Monday – Friday

66th Street Elementary School

Main Office
6600 South San Pedro Street
Los Angeles, CA 90003
Phone: (323) 753-1589
Hours: 8 a.m. – 4 p.m. Monday – Friday

Los Angeles Unified School District

Office of Environmental Health and Safety
1055 W. 7th Street, 9th Floor
Los Angeles, CA 90017
Contact: Joe Sevreaan, (213) 893-7421
Hours: 8 a.m. – 5 p.m. Monday – Friday

Site documents are also available online at the LAUSD web site: www.laschools.org/find-a-school

Department of Toxic Substances Control

Regional Records Office
5796 Corporate Avenue
Cypress, CA 90630
Contact: Julie Johnson for appointment,
(714) 484-5337
Hours: 8 a.m. – 5 p.m. Monday – Friday

Site documents are also available at www.envirostor.dtsc.ca.gov for your review. A computer is available in the DTSC file room for your use.

DTSC is part of the California Environmental Protection Agency. DTSC oversees soil and groundwater investigations at proposed new or expanding school sites, and evaluates property for potential hazardous materials or contamination that may pose a risk to school children, the staff or faculty.

For more information about DTSC, please visit our Web site at www.envirostor.dtsc.ca.gov/public.

Who to Contact for Information

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

Ivy Guaño, DTSC Project Manager
 (714) 484-5433
iguano@dtsc.ca.gov

Jeanne Matsumoto
 DTSC Public Participation Specialist
 (714) 484-5338 or toll free 1-866-495-5651
jmatsumo@dtsc.ca.gov

Media Inquiries:

Jeanne Garcia
 DTSC Public Information Officer
 (818) 717-6573
jgarcia1@dtsc.ca.gov

Notice to Hearing-Impaired Individuals

You can obtain additional information about the site by using the California State Relay Service at 1 (888) 877-5378 (TDD). Ask them to contact Jeanne Matsumoto at (714) 484-5338 regarding the project.

South Region Elementary School #6 Site Map



- LEGEND**
- SITE BOUNDARY
 - BUILDING OUTLINES/ROOF LINES
 - - - PARCEL BOUNDARY
 - 137 PROPERTY ADDRESS
 - ABANDONED 8/10 INCH DIAMETER EXHONMOBIL PIPELINE
 - - - LIMITS OF EXCAVATION

Shaded regions indicate proposed soil excavation areas



