



Department of  
Toxic Substances  
Control

*The Mission of the  
Department of  
Toxic Substances  
Control is to  
provide the highest  
level of safety, and  
to protect public  
health and the  
environment from  
toxic harm*



State of California



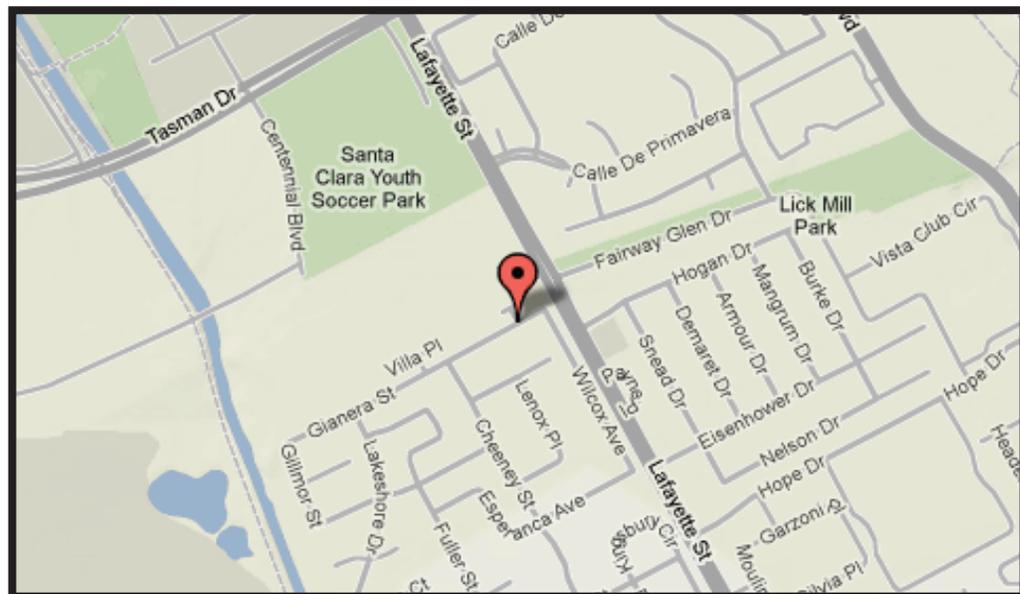
California  
Environmental  
Protection Agency

Fact Sheet September, 2010

## Draft Removal Action Work Plan for Gianera 2 Habitat for Humanity Silicon Valley Site is Available for Public Review

The Department of Toxic Substances Control (DTSC) is overseeing the investigation and cleanup at the Gianera 2 Habitat for Humanity Silicon Valley (Gianera 2 site) site located at 2261 to 2285 Gianera Street. The Gianera 2 site is a rectangular 0.3-acre parcel. In 2009, Habitat for Humanity developed the site with four single-family homes (2271, 2275, 2281, and 2285 Gianera Street) and one two-story condominium at 2261 Gianera Street. The Gianera 2 site is bordered by residences to the south, east, west, and a PG&E substation to the north across an easement.

Environmental investigations indicate that the soil is contaminated in some portions of the site with elevated levels of lead. A cleanup plan has been developed to address lead contamination at the Gianera 2 site. Historical information indicates that the Gianera 2 site was agricultural (orchards) around the late 1940s until 1971 when the residences were constructed.



### PUBLIC COMMENT PERIOD

DTSC is accepting public comments on a cleanup proposal for the Gianera 2 Habitat for Humanity Silicon Valley site. The cleanup proposal is called a Draft Removal Action Workplan (RAW). DTSC will hold a 30-day public comment period beginning September 22, 2010 and ending on October 22, 2010. All comments must be received by DTSC on October 22, 2010 and sent to:

Henry Chui, DTSC Project Manager

700 Heinz Avenue, Suite 200

Berkeley, California 94710

[HChui@dtsc.ca.gov](mailto:HChui@dtsc.ca.gov)



## Site Background

The Gianera 2 site is a rectangular 0.3-acre parcel located at 2261 to 2285 Gianera Street in Santa Clara, California. In 2009, Habitat for Humanity developed the site with four single-family homes (2271, 2275, 2281, and 2285 Gianera Street) and one two-story condominium building at 2261 Gianera Street. The site is bordered by residences to the south, east, west, and a PG&E substation to the north across an easement.

## Investigation Findings

Investigations at the site from July 2004 through June 2010 identified lead contamination in soil. The source of the lead was likely from an off-site fill material that was used when the site was being developed. The lead contamination is limited to the surface to a depth around one and a half feet.

## Draft Removal Workplan

The primary objective of a draft Removal Workplan (RAW) is to evaluate cleanup alternatives and to identify a preferred cleanup alternative which prevents or reduces potential risks to public health and the environment. Cleanup alternatives are screened and evaluated on the basis of their effectiveness, ability to be implemented, and cost. A draft RAW then identifies the cleanup plan that DTSC recommends. Before DTSC makes a final decision to approve, modify, or deny a cleanup plan, the draft RAW is made available to the public for review during a public comment period. All comments are reviewed and considered before the draft RAW is approved.

## Proposed Cleanup Options

The following three (3) cleanup options for soil were considered for the site:

- Alternative 1 – No action.
- Alternative 2 – Capping with a High Density Polyethylene liner (HPDE liner) and Land Use Covenant (LUC).
- Alternative 3 – Excavation and off-Site disposal

## DTSC's Cleanup Recommendation

DTSC recommends Alternative 3, Excavation and off-Site disposal. This alternative minimizes or eliminates potential exposure of humans to lead impacted soil through direct contact, ingestion and inhalation; and reduces the human health risks associated with the lead impacted soil to a level that is acceptable for continued residential land use.

If this alternative is approved, approximately 200 to 300 cubic yards of lead impacted soil will be excavated and disposed off-site. It is likely that the excavated soil will be stockpiled on-site pending acceptance from the disposal facility prior to loading of soil into trucks. All soil stockpiles will be located in a designated area. Stockpiles will be placed on an impermeable material to prevent contamination of the ground beneath. If needed, clean import soil or other fill material may be brought to the Gianera 2 site, to backfill areas where impacted soil would be removed. Import soil would be accompanied by certificates, analytical data and other supporting documents that indicate the import material is suitable for the site. Because soil impacted with lead may remain beneath hardscapes, Habitat for Humanity will put in place Covenants, Conditions and Restrictions (CC&Rs) governing the homeowners association that will restrict future disturbance of the pavements and home and condominium building foundations.

## Safety and Dust Control During Cleanup

If DTSC approves the proposed alternative, the following activities would occur during the cleanup to ensure public safety and minimize dust:

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

## Soil Removal and Truck Route

The removal action will be implemented in one phase. Once the RAW is approved by DTSC, it will be implemented within 30 days. The total volume of soil to be removed is 200 to 300 cubic yards. Excavation activities and off-site disposal is scheduled to take one week to complete. The draft RAW proposes that remedial activities will occur between the hours of 7 am to 5 pm, Monday thru Friday. The contaminated soil will be transported to a State permitted disposal facility. The trucks will be operated by a licensed hazardous waste trucking contractor. Highway routes

are provided below for transportation of the soil to the Chemical Waste Management facility (Class I) in Kettleman City, California, and Altamont Landfill (Class II) in Livermore, California. These routes are the most direct and will provide the least risk of exposure and truck traffic impacts in the surrounding communities. The trucks will attempt to avoid the major commute times and will avoid residential areas as much as possible. The following is a description of the transportation routes:

Chemical Waste Management facility in Kettleman City, California:

- Head southwest on Gianera Street toward Villa Place;
- Take the first left onto Cheeney Street;
- Turn left at Agnews Road;
- Turn right at Lafayette Street;
- Turn left at Central Expressway;
- Turn left at De La Cruz Boulevard / West Trimble Road;
- Merge onto U.S. 101 South;
- Take State Route 152 East;
- Take Interstate 5 (I-5) South;
- Take I-5 South to Skyline Boulevard/Highway 269 exit; and
- Turn left onto Old Skyline Boulevard.

Altamont Landfill, Livermore, California:

- Head southwest on Gianera Street toward Villa Place;
- Take the first left onto Cheeney Street;
- Turn left at Montague Expressway;
- Merge onto I-680 North toward Sacramento;
- Take I-580 East toward Stockton;
- Take the Greenville Road exit;
- Turn left onto Southfront Road, heading east;
- Turn left onto Greenville Road, heading north;
- Turn right onto Altamont Pass Road

### California Environmental Quality Act

Based on the conditions of the Gianera 2 site and the proposed cleanup alternative, DTSC has determined the response action qualifies for a Class 30 Categorical Exemption pursuant to California Code of Regulations, title 14, section 15330, and intends to issue a Notice of Exemption (NOE) when the Final RAW is approved to comply with the California Environmental Quality Act (CEQA) requirements. The draft NOE will be made available for public review, along with other supporting documents in the information repositories.

### Next Steps

DTSC will review and consider comments received during the 30-day public comment period before making a final decision to approve, modify or deny the draft RAW. If comments are received from the community on the draft RAW's proposed activities, DTSC will prepare a "Response to Comments" at the completion of the public comment period. Anyone who submits comments will receive a copy of the "Response to Comments". Additionally, a copy of the "Response to Comments" will be placed in the information repositories.

### DTSC Contact Information

Please contact any of the following individuals with any questions or concerns you may have regarding the project.

For questions regarding the draft RAW, contact Henry Chui, DTSC Project Manager, at (510) 540-3759 or [HChui@dtsc.ca.gov](mailto:HChui@dtsc.ca.gov).

For questions regarding the public participation process, contact Tammy Pickens, DTSC Public Participation Specialist, at (916) 255-3594, 1(866) 495-5651 or [TPickens@dtsc.ca.gov](mailto:TPickens@dtsc.ca.gov).

For questions from the Media, contact Charlotte Fadipe, DTSC Public Information Officer, at (916) 323-3395 or [CFadipe@dtsc.ca.gov](mailto:CFadipe@dtsc.ca.gov).

### Where to Find Site Documents

The draft RAW and other related documents may be viewed at the following locations:

Alviso Branch Library  
5050 North 1st Street  
Alviso, California 95002  
(408) 263-3626

Department of Toxic Substances Control  
File Room  
700 Heinz Avenue, Suite 200  
Berkeley, California, 94710  
(510) 540-3800

### Notice to Hearing Impaired Individuals

TDD users can use the California Relay Service (1-888-877-5378) to reach Tammy Pickens at (916) 255-3594.

**Comment Form for the Gianera 2 Habitat for Humanity Silicon Valley Site**

If you use this form to send us your comments, please include your name and address. All written comments must be postmarked by October 22, 2010. Please send or email this form to:

Henry Chui  
DTSC Project Manager  
700 Heinz Avenue, Suite 200  
Berkeley, California, 94710  
[HChui@dtsc.ca.gov](mailto:HChui@dtsc.ca.gov)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Affiliation (if any): \_\_\_\_\_

Phone number (optional): \_\_\_\_\_

Comments: \_\_\_\_\_

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**Would you like to be added or removed from the Gianera 2 Habitat for Humanity Silicon Valley Site Mailing List?**

If you would like to be added or removed from the mailing list for the Gianera 2 Habitat for Humanity Silicon Valley site, please complete the information below and return to, Tammy Pickens, 8800 Cal Center Drive, Sacramento, California 95826. You can email your request to be added or removed from the mailing list to [TPickens@dtsc.ca.gov](mailto:TPickens@dtsc.ca.gov).

\_\_\_\_\_ Please remove my name from the mailing list      \_\_\_\_\_ Please add my name to the mailing list

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

*Note: While this mailing list is solely for DTSC use, the list is considered a public record.*