



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, January 2011

Proposed Interim Draft Removal Action Workplan for Former Gardena Valley Landfill No. 6 in Carson, Available for Public Review and Comment

An interim draft Removal Action Workplan (RAW) for the Gardena Valley Landfill No. 6 (site), located at 21001 South Chico Street in Carson is available for public review and comment. The interim draft RAW was developed specifically for nine (9) northern acres of the 18-acre site, and describes in detail the environmental investigations conducted, findings and the proposed remedy selected to address contamination at the site. The interim draft RAW, if approved, will allow for Cover Soil and Refuse Evaluation, Well Decommissioning, Cap Grading and Gas Collection and Control System Design and Installation. The draft RAW is an interim measure and is not the final remedy for the site. Under the California Quality Act (CEQA), DTSC proposes a Negative Declaration, as the proposed activities will not have an adverse environmental Impact. This fact sheet provides information on:

- Why Cleanup is Necessary
- Site Location and History
- Site Investigations Conducted
- Proposed Cleanup Actions and Safety Measures During Interim RAW Activities
- California Environmental Quality Act (CEQA) and How You Can Participate
- Where to Find Project Documents and Who to Contact for More Information
- Next Steps

There is **no** immediate health risk because the public is not exposed to levels of contaminants that are above public health standards, and the site is fenced to restrict public access. Our agency, the Department of Toxic Substances Control (DTSC) will oversee the removal action and ensure work is performed in a manner protective of human health and the environment.

Why Cleanup is Necessary

Previous environmental assessments at the northern portion of the site revealed the presence of methane gas in soil at levels that require landfill controls necessary to protect site workers, human health and the environment. The source of methane gas is the landfill material beneath the site. Exposure to methane gas does not pose a direct health risk however, methane gas could build up under buildings or crawl spaces at unsafe levels and, in extreme circumstances,

PUBLIC COMMENT PERIOD January 7th, to February 7th, 2011

A 30-day public comment period is being held to receive public comments on the interim draft RAW for the Gardena Valley No. 6 Landfill site. The public comment period begins **January 7th, and ends February 7th, 2011**. We invite you to submit your comments during this time. We will consider and respond to your comments before a final decision is made. Public comments must be postmarked or e-mailed no later than **February 7th, 2011**, and sent to:

Mr. Daniel Zogaib, DTSC Project Manager
Department of Toxic Substances Control
5796 Corporate Avenue, Cypress, CA 90630-4732
E-mail: dzogaib@dtsc.ca.gov





potentially explode. Currently, the site is vacant land so current conditions do not pose any such risk.

Landfill contaminants also include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and heavy metals at low levels. The goal of the draft interim RAW activities is to prevent the build up of methane gas and other contaminants and treat it on-site.

Site Location and History

The site is bordered by Chico Street on the east, Dominguez Street on the north, and the Dominguez Channel is southwest. The entire 18-acre site is divided into a northern and southern portion. The northern portion is the nine (9) of the 18-acres and is the subject of the proposed work described in this proposed interim draft RAW, while the southern portion is utilized as a commercial truck sales, service and leasing center. The northern portion is currently owned by Inter Group Investments (Inter Group) and is adjacent to Shell Oil Company's "tank farm" and distribution terminal for refined petroleum products.

From about 1962 through 1964, the former landfill operated and was permitted to receive non-hazardous household and industrial waste. The entire former landfill remained vacant and undeveloped until 1976. Since 1976, the southern portion of the former landfill has primarily been utilized for truck sales, storage and service activities. The northern portion has remained undeveloped since 1964. In 2004, Inter Group voluntarily entered into an agreement with DTSC to address environmental conditions at the site.

Site Investigations Conducted

Previous environmental investigations evaluated the depth of the soil cover and extent of refuse materials, and levels of methane gas and VOCs in soil gas beneath the site. These investigations revealed the pres-

ence of methane gas levels in soil gas that may equal or exceed regulatory limits, making landfill gas controls necessary. Also, topographical data indicate the site has experienced localized minor depressions that are likely the result of landfill settlement. The depressions have the potential to impede storm water runoff, increasing the potential for water infiltration. Also, a survey of two wells on-site was conducted and abandonment of the wells was determined necessary to remove them as potential conduits for groundwater contamination. In addition, limited groundwater sampling conducted at the site revealed low levels of VOCs.

Proposed Cleanup Actions

The following draft interim RAW proposal is what we determined to be the most effective remedy and allow for future redevelopment of the property:

Soil Cover Evaluation – Evaluation of the depth of the soil cover, the extent of refuse (landfill) materials to determine the adequacy of the existing cover and limits of the existing landfill waste. This information will provide valuable data and support of a future final remedy.

Gas Collection and Control System Design – Construction of a stand-alone gas collection system on the site is proposed. The gas collection system will include vertical and horizontal gas collection wells with lateral piping, well head controls and several perimeter monitoring points. Header pipes will connect the extraction well network to landfill gas management equipment including a flare and blower system. The landfill gas management equipment will treat collected methane gas as necessary to minimize off-site migration.

Decommissioning of Two Groundwater Monitoring Wells – Two groundwater monitoring wells on the property will be decommissioned by backfilling each well casing, sealing each well and backfilling the remainder of the excavation to ground surface with clean fill material similar to that already on site. Decommissioning activities will eliminate the potential for these wells to serve as conduits for downward migration of landfill contaminants.

Cap Grading – The cap surface will be re-graded on the site to optimize storm water runoff and minimize the infiltration of rain water.

Safety Measures During Interim RAW Activities

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

- Site Security - The site is fence with a locked gate restricting public access.
- Dust Controls – Monitoring of the air quality (including fence line monitoring for dust and chemicals) will be conducted to ensure VOC and dust levels remain at safe levels, protective of the surrounding community.
- Noise – During drilling, construction and grading activities, noise levels will be monitored to ensure they remain at acceptable limits.
- Odor – During any waste disturbing activities, odor suppressants may be used to control nuisance odors.

California Environmental Quality Act (CEQA)

Under CEQA, DTSC must evaluate whether the proposed cleanup actions may have any significant impacts on human health and the environment. As part of this evaluation, DTSC prepared an Initial Study and proposes a Negative Declaration for this project, as the proposed cleanup actions will not have an adverse environmental or human health impact.

How You Can Participate With Public Comments

We want to know what you think of the interim draft RAW (describes the proposed cleanup actions) for the site. A 30-day public comment period begins **January 7th, and ends February 7th, 2011**. All public comments must be postmarked or e-mailed by **February 7th, 2011** and sent to:

Mr. Daniel Zogaib, Project Manager
 Department of Toxic Substances Control
 5796 Corporate Avenue
 Cypress, CA 90630-4732
 E-mail: dzogaib@dtsc.ca.gov

Where to Find Project Documents

The interim draft RAW and other supporting documents can be viewed at the following Information Repositories:

Carson Regional Library
 151 East Carson Street
 Carson, CA 90745-2797
 (310) 830-0901
 Monday – Closed
 Tues/Wed/Thurs - 10:00 am – 8:00 pm
 Friday – Closed
 Saturday - 8:00 am – 6:00 pm
 Sunday - Closed

Department of Toxic Substances Control
 5796 Corporate Avenue
 Cypress, CA 90630-4732

(714) 484-5337

Mon – Fri 8:00 am – 5:00 pm

Please contact Ms. Julie Johnson at the above number to make an appointment.

Who to Contact at DTSC for Information

If you have any questions about the project, interim draft RAW or other project related activities please contact the following DTSC staff:

Mr. Daniel Zogaib, Project Manager
 Department of Toxic Substances Control
 5796 Corporate Avenue
 Cypress, CA 90630-4732
 (714) 484-5483
 E-mail: dzogaib@dtsc.ca.gov

Ms. Stacey Lear, Public Participation Specialist
 Department of Toxic Substances Control
 5796 Corporate Avenue
 Cypress, CA 90630-4732
 (714) 484-5354 or toll-free 1-866-495-5651
 E-mail: slear@dtsc.ca.gov

Next Steps

If approved, interim RAW field work activities are anticipated to begin immediately after approval of the RAW. Work will occur Mondays through Fridays from 7:00 am to 5:00 pm, and take about four to six months to complete. No road closures or traffic impacts to residents are anticipated to occur.

For Media Inquiries

Ms. Sandra Friedman, Public Information Officer
 Department of Toxic Substances Control
 5796 Corporate Avenue
 Cypress, CA 90630-4732
 (714) 484-5383
 E-mail: sfriedma@dtsc.ca.gov

For more information about the Gardena Valley Landfill No. 6 site, visit www.EnviroStor.dtsc.ca.gov. For more information about our department, please visit our website at www.dtsc.ca.gov.

Notice to Hearing Impaired Individuals

TDD users can use the California Relay Service at 1-888-877-5378 to reach Ms. Stacey Lear, DTSC Public Participation Specialist at (714) 484-5354 or toll-free 1-866-495-5651.

PUBLIC COMMENT FORM AND MAILING COUPON

**Interim Draft Removal Action Workplan
Gardena Valley Landfill No. 6 Site
Carson, CA 90746**

You may use this form to send in your written public comments on the interim draft RAW. **The public comment period begins January 7th, 2011 and ends February 7th, 2011.** You may also use this form to ask to be added or deleted from the site mailing list. If you know of anyone or any organization that would like to be on the DTSC mailing list, please use this form to notify us. Please address all mailings to Mr. Daniel Zogaib, DTSC Project Manager, Department of Toxic Substances Control, 5796 Corporate Avenue, Cypress, CA, 90630-4732. You may also e-mail this same information to: dzogaib@dtsc.ca.gov

Reminder: All public comments on the interim draft RAW must be postmarked or e-mailed by February 7th, 2011.

Name: _____

Agency or Organization (if applicable): _____

Address: _____

Telephone #: _____

Please add to the site mailing list.

Please delete from the site mailing list.

Comments: _____

DTSC mailings are solely for the purpose of keeping persons informed of DTSC activities. Mailing lists are not routinely released to outside parties. However, they are considered public records and, if requested, may be subject to release.



Stacey Lear, Public Participation Specialist

Department of Toxic Substances Control

5796 Corporate Avenue

Cypress, California 90630-4732

Inside: Information on the Gardena Valley Landfill No. 6 Site

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