

Fact Sheet #4
November
2004

FORMER CAL COMPACT LANDFILL CARSON, CALIFORNIA



Comments Sought for Proposed Plan to Monitor Groundwater

DTSC is one of six Boards and Departments with in the California Environmental Protection Agency. The Department's mission is to restore, protect and enhance the environmental quality and economic vitality, by regulating hazardous waste, conducting and overseeing cleanups, and developing and promoting pollution prevention.

State of California



California
Environmental
Protection Agency



The Department of Toxic Substances Control (DTSC) requests the public to review and comment on a proposed plan for groundwater monitoring at the Former Cal Compact Landfill, 20400 South Main Street, Carson, California. The chemicals that require groundwater monitoring include volatile organic compounds (VOC's) semivolatile organic compounds (SVOCs), and heavy metals.

The proposed plan, called a draft Remedial Action Plan (RAP), outlines environmental activities to be conducted at the site. This 157 acre site is divided into two Operable Units (OUs), an Upper OU and a Lower OU. This proposed plan is for the Lower OU only.

History of the site

The Former Cal Compact Landfill is an inactive Class II landfill that accepted municipal solid waste and specified industrial waste. Operations began in 1959 and stopped in 1965. We estimate more than six million cubic yards of municipal and industrial waste were disposed of at the Former Cal Compact Landfill. About 94% of the waste was municipal solid waste and construction debris and about 6% was industrial waste liquid and semi-liquid waste, primarily drilling mud. Landfill operations consisted of excavating portions of land, filling the resulting pits with waste material and covering the waste with soil.

PUBLIC MEETING

December 7, 2004 – 6:30 PM

Carson Community Center
801 E. Carson Street, Room 107
Carson, California, 90745

This meeting is your opportunity to hear more about the proposed cleanup and ask questions. You may submit oral and written comments at the meeting.

PUBLIC COMMENT PERIOD

November 23, to December 31, 2004

Written comments on the draft Remedial Action Plan (RAP) and Notice of Exemption must be postmarked or e-mailed by December 31, 2004. **Please send your comments to:**

Mr. Daniel Zogaib
DTSC Project Manger
5796 Corporate Avenue
Cypress, CA 90630
or by e-mail to: dzogaib@dtsc.ca.gov

MEETING ACCESSIBILITY

For information on accessibility and to request a reasonable accommodation, please call Ms. Stacey Lear at (714) 484-5354 at least 48 hours in advance of the meeting.

Investigation results: No landfill contaminants found in Lower OU

The Upper OU begins at the landfill's surface and ends at the bottom of the Bellflower Aquitard. The Lower OU begins at the top of the Gage Aquifer and extend through the Silverado Aquifer. Chemicals found in the Upper OU include many types of VOC, SVOCs, and heavy metals. According to DTSC's data for the lower OU, collected in March of 2000, VOCs and SVOCs are not present in the Lower OU. Heavy metals detected in the lower OU are at levels consistent with naturally occurring background levels. In addition, quarterly groundwater monitoring reports for the Upper OU show there is no contamination within 110 feet of the Lower OU.

No current public exposure

A human health risk study to identify potential health risk to the public from chemicals at the Former Cal Compact Landfill in both the Upper OU and Lower OU was conducted. This study was based on the results of the sampling data. The health risk study took a very conservative view of how people might be exposed to chemicals from the landfill. The study determined that people are not in contact with the waste or the groundwater in the Upper OU. Please note that the drinking water for the city of Carson comes from the deeper Silverado Aquifer.

Options evaluated

Cleanup plans must protect public health, have a reasonable cost, and consider the community's concerns. To determine the most effective course of action, two options were evaluated for the Lower OU:

- Option 1 - Groundwater Monitoring (***This is the alternative proposed***)

- Option 2 - No Action. (***We are required by law to include this option as a point of comparison***)

Preferred option

Option 1, groundwater monitoring, provides the necessary controls to detect if future chemical migration occurs to the lower OU.

Option 2, no action, was not chosen because it would not provide future data necessary to confirm that the Lower OU remains free of chemical contamination.

The proposed plan involves monitoring the Lower OU groundwater on a quarterly basis for two years, followed by semi-annual (twice per year) monitoring for two more years, and one groundwater monitoring event every three years for the remaining forty-six years of the program.

Next steps

Before we make a decision on the proposed plan for groundwater monitoring in the Lower OU, we are requesting your comments. All comments will be evaluated before we make a final decision. The draft RAP may be modified based on the comments we receive. We will respond in writing to all comments in a formal "Response to Comments" document that will be sent to everyone who submitted a comment, and included as part of the final RAP.

If no major changes are necessary, groundwater monitoring for the Lower OU could begin in winter 2004 or spring 2005.

California Environmental Quality Act (CEQA)

CEQA requires government agencies to evaluate projects such as environmental cleanup activities to determine if the proposed plan will have a negative impact on public health or the environment. We

examined how the proposed cleanup might affect people, air, plants and animals in the area. Based upon our evaluation of this project, we found that it would not have a significant negative impact on human health and the environment.

Therefore, DTSC plans to file a Notice of Exemption (also available for public comment during the public comment period), in accordance with CEQA once the draft RAP is approved.

Where to find site documents

The proposed groundwater monitoring plan is described in the draft (RAP). This document describes how we looked at cleanup options for the Former Cal Compact Landfill. The draft RAP, Notice of Exemption and other project documents are available at the following Information Repositories:

Carson Public Library

Reference Section
151 E. Carson Street
Carson, California 90745
(310) 830-0901

Department of Toxic Substances Control

5796 Corporate Avenue
Cypress, California 90630
Contact Ms. Julie Johnson at:
(714) 484-5337 for an appointment

Who to call at our agency

If you have any questions about the proposed plan for groundwater monitoring, please contact:

Mr. Daniel Zogaib
DTSC Project Manager
(714) 484-5483

Ms. Stacey Lear
DTSC Public Participation Specialist
(714) 484-5354

Para información en español, por favor comuníquese con Leticia Hernández at (714) 484-5488.

For media inquiries, please contact:

Ms. Jeanne Garcia
DTSC Public Information Officer
(818) 551-2176

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

Notice to hearing impaired individuals

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



State of California
Department of Toxic Substances Control
Stacey Lear
Public Participation Specialist
5796 Corporate Avenue
Cypress, CA 90630

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