



**Palos Verdes Landfill
REMEDIAL INVESTIGATION UPDATE**

Fact Sheet #5

January 1992

INTRODUCTION

This is the fifth in a series of fact sheets on the investigation of hazardous waste contamination resulting from the Palos Verdes Landfill (PVLf). This fact sheet outlines the status of current and upcoming activities.

The PVLf, which has been closed since December 1980, consists of 291 acres. It is divided into three sections by Hawthorne and Crenshaw Boulevards. The main site, which is the largest portion, is located between Hawthorne and Crenshaw Boulevards, southwest of Rolling Hills Road and the Country Hills Estates area, and northeast of Palos Verdes Drive North and the residences located in the area. The South Coast Botanic Garden and Ernie Howlett Park make up the balance of the former landfill.

REMEDIAL INVESTIGATION STATUS

The Remedial Investigation (RI), designed to characterize the nature and extent of any potential contamination from the PVLf, has been ongoing since April 1990. It is being performed by the County Sanitation Districts of Los Angeles County (Sanitation Districts), and their contractors, under the oversight of the Department of Toxic Substances Control (DTSC).

The investigation has at this point entered a period where the main activities involve data analysis and report preparation by the Sanitation Districts. These activities will last through the end of 1992 with reports being released periodically. In general, preliminary sampling results indicate that some contamination is present in the soil and groundwater. However, there are no indications of any immediate health and safety threats to area residents because of the relatively low levels identified and the subsurface locations of the contamination.

The RI has been divided into four components aimed at investigating the potential pathways for contamination - namely, surface water runoff, groundwater, soil, and air. The remainder of this fact sheet will describe the current status of the various tasks in the investigation, and the schedule of upcoming activities.

Surface Water and Sediment Characterization. Several runoff samples have been collected and analyzed to determine whether any contaminants are being carried off of the landfill with rain water runoff. Sampling will continue until four samples are collected from each runoff sampling location.

Hydrogeologic Characterization. The purpose of this part of the RI is to define the site geology and hydrogeology. A report summarizing a review of available literature concerning data available on these topics was submitted to DTSC in March 1991. Field work was performed in 1990 to provide more specific information for the area.

The Sanitation Districts and their contractors are now analyzing the data using geologic and hydrogeologic models, and statistical methods. A report on these activities is due to be submitted to DTSC in February 1992. The storm drain located along Hawthorne Boulevard and the lake at the South Coast Botanic Garden will also be investigated. These two areas could potentially act as pathways for contaminant migration from the PVLf.

Soil Characterization. The Soil Characterization Report was submitted by the Sanitation Districts to DTSC in July 1991. The report contains an evaluation of chemical analyses on soil samples taken during the field investigations. Samples from near the landfill were compared to background samples using statistical methods.

UPCOMING ACTIVITIES

February 1992

Results from the ongoing geologic and hydrogeologic modeling will be submitted to DTSC in February. Following DTSC's review and approval the report will be placed in the local Information Repositories.

The final report on the Surface Water and Sediment Characterization Plan is scheduled to be submitted to DTSC by the Sanitation Districts. After DTSC reviews and approves the report, it will be made available to the public at the Information Repositories.

April 1992

The final report on the Ambient Air/Landfill Gas Characterization Plan is scheduled to be submitted to DTSC by the Sanitation Districts. After DTSC reviews and approves the report, it will be made available to the public at the Information Repositories.

Spring 1992

A community meeting will be held to discuss the results contained in the reports submitted to DTSC by the Sanitation Districts. This meeting will be held after DTSC has reviewed the reports, and will be announced in a future fact sheet.

This report is currently under review by DTSC. Once it is finalized, it will be made available in the Information Repositories.

Ambient Air/Landfill Gas Characterization.

Ambient air, surface gas, and landfill gas sampling was completed according to schedule in August 1991. The results are being evaluated to determine whether any contaminants are being released from the landfill and carried offsite. A report will be completed and submitted to DTSC in April 1992.

Additional Borings Northeast of PVLf. At the request of DTSC, the Sanitation Districts drilled two borings near Fallenleaf Drive and Rolling Hills Road in September 1991. These borings were drilled to investigate a former waste oil sump located to the northeast of

PVLf. The Sanitation Districts did not own or operate this former sump. Complete results will be provided to DTSC when available.

CURRENT MONITORING ACTIVITIES

Groundwater Monitoring Program

Quarterly groundwater monitoring is continuing as outlined in the PVLf RI/FS Site Sampling and Analysis Plan. Monthly reports are provided to DTSC. Complete results will be summarized in the RI report due December 1992.

Radioactivity and Dioxin Sampling

The Sanitation Districts are continuing periodic groundwater sampling for dioxins at the landfill. Results will be summarized in a report to DTSC at the conclusion of the sampling.

The groundwater has also been tested for radioactivity. Further radioactivity monitoring will be required to confirm the results of the initial samples. Recommendations for additional sampling are currently being developed by the Sanitation Districts for submittal to DTSC.

Air Sampling

The Sanitation Districts are continuing to monitor surface gas and perimeter gas probes. The monitoring results aid the Sanitation Districts in their operation of the landfill gas collection systems and fulfill monitoring requirements of the Los Angeles County Department of Health Services.

If you have any questions or concerns regarding landfill gas, you can contact the PVLFF onsite staff at 377-3514 or 378-1928 (available 24 hours a day).

FOR MORE INFORMATION

More information about the site history, current investigation, project schedule and community concerns can be found in four prior fact sheets. To receive copies of these fact sheets, please contact DTSC or the

Sanitation Districts at the numbers listed below or return the enclosed mailing list coupon and indicate that you would like to receive the prior fact sheets.

DTSC Contacts: If at any time during the RI you have questions or comments, please contact our office.

Denise Yaffe Project Officer (310) 590-4916	Kristin Stultz Andersen Public Participation (310) 590-4991
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California Environmental
Protection Agency
Department Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, CA 90802

Sanitation Districts Contacts: Please feel free to contact the Sanitation Districts with any questions or comments also.

Mary Jacobs
Project Coordinator
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County Sanitation Districts of Los Angeles County
1955 Workman Mill Road
Whittier, CA 90607

Information Repositories: All site work plans, the Community Relations Plan and other reports can be reviewed at the reference desks of the following libraries.

Peninsula Center Library 650 Deep Valley Drive Rolling Hills Estates, CA 90274 (310) 377-9584	Torrance Civic Center Library 3301 Torrance Boulevard Torrance, CA 90503 (310) 618-5959
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MAILING COUPON

If you have any comments concerning the RI project, or would like to be placed on the DTSC mailing list, please fill out the information below and mail it to: Kristin Stultz Andersen, Public Participation Specialist, California Environmental Protection Agency, Department of Toxic Substances Control, 245 W. Broadway, Suite 350, Long Beach, CA 90802.

NAME: _____

ADDRESS: _____

CITY: _____ **ZIP:** _____

TELEPHONE: _____

COMMENTS: _____

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Update on Remedial Investigation



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