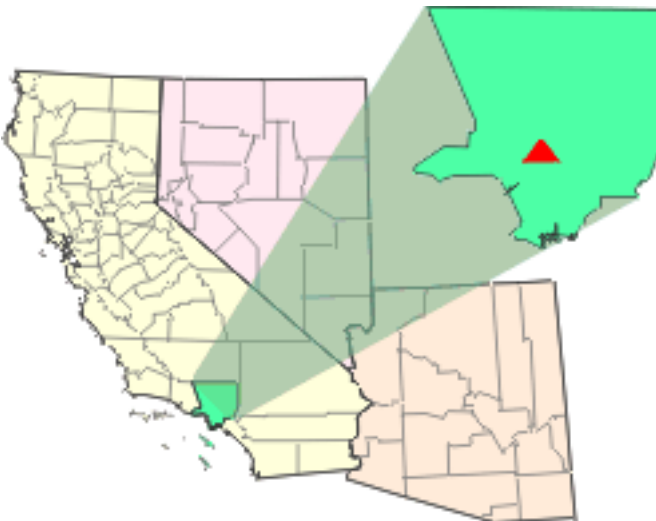


SAN FERNANDO VALLEY (AREA 2 - Glendale & Los Angeles) CALIFORNIA

**EPA ID#
CAD980894901**



**EPA
Region 9
City: Glendale
County: Los
Angeles
Other Names:
(1) Crystal
Springs NPL
Site,
(2) Glendale
North & South
Operable Units**

[Click here for interactive site area map](#)

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▼ SITE DESCRIPTION AND HISTORY

Description: San Fernando Valley (Area 2) is an area of contaminated groundwater covering approximately 6,680 acres near the Crystal Springs Well Field in the Cities of Los Angeles and Glendale. This area is part of the San Fernando Valley Groundwater basin, an aquifer which, prior to the discovery of contamination, had provided drinking water to over 800,000 residents of the Cities of Los Angeles, Glendale, and Burbank, and the La Crescenta Water District. Approximately three million people reside within three miles of this site.

In 1980, concentrations of chlorinated volatile organic compounds (VOC), including trichloroethylene (TCE) and perchloroethylene (PCE), were found to be above Federal Maximum Contaminant Levels (MCLs) and State Action Levels (SALs) in a number of city production wells. Those solvents were widely used in a number of industries including aerospace and defense manufacturing, machinery degreasing, dry cleaning, and metal plating. Some contaminants currently affecting the basin's water supply can be traced as far back as the 1940s, when chemical wastes disposal was unregulated throughout the Valley. In response to the public health threat, the cities were forced either to shut down their wells and provide alternate sources of drinking water or blend contaminated well water with water from clean sources.

A groundwater monitoring program conducted from 1981 to 1987 revealed that over 50 percent of the water supply wells in the eastern portion of the San Fernando Valley Groundwater Basin were contaminated. Approximately 50 public drinking water supply wells are located within the Area 2 site perimeter. The shutdown of these wells has resulted not only in the cities turning to more expensive sources of drinking water, but in the loss of a substantial drinking water source in an area where this resource is already scarce.

Site Responsibility:

This site is being addressed through Federal, State, municipal, and potentially responsible party (PRP) actions.

NPL LISTING HISTORY

Proposed Date: 10/15/84

Final Date: 06/10/86

Deleted Date:

▼ THREATS AND CONTAMINANTS



The groundwater is contaminated with various chlorinated VOCs, specifically trichloroethylene (TCE) and perchloroethylene (PCE). Exposure to the VOC contamination can occur through drinking, bathing, or cooking with contaminated groundwater. However, since the contamination was discovered, residents have been provided with alternate drinking water supplies, including imported water or groundwater mixed with imported water.

▼ CLEANUP APPROACH

This site is being addressed in two long-term remedial phases focusing on cleanup of the groundwater in the Glendale North and South Areas and the San Fernando Basin as a whole (see San Fernando Valley (Area 1)).

▼ Response Action Status



Glendale North and South Operable Units (OUs): In January 1992, the EPA completed the Remedial Investigation (RI) describing the nature and extent of groundwater contamination in the Glendale North and South Areas. In April 1992, the EPA completed the Feasibility Study (FS) for the areas, and proposed cleanup plans for both areas later that year. The EPA finalized the Records of Decision (RODs) in June 1993, selecting groundwater pump and treat as the interim cleanup remedy. The treated water would be purveyed to the City of Glendale or another municipality willing to accept the water for distribution in their water system, or if that option was not available, the treated water would be reinjected into the aquifer or disposed of at water spreading grounds.

The EPA approved the design for the remedy in 1996. The design consists of a plant capable of treating 5,000 gallons per minute (gpm) of contaminated water extracted from eight wells. Pre-construction activities began in 1997 and full construction began in August 1998. The plant will began operating in 2000 and will operate for at least twelve years.

Site Facts: The Glendale Area treatment facility treats more than seven million gallons of contaminated water daily.

The potentially responsible parties will continue to conduct site cleanup under EPA oversight.

The EPA and the California Regional Water Quality Control Board have entered into a

Cooperative Agreement to perform an investigation of contamination sources in the San Fernando Valley Basin.

▼ ENVIRONMENTAL PROGRESS



The use of an alternate drinking water supply and operation of the groundwater pump and treat remedy in the Glendale North and South Areas have reduced the potential of exposure to contaminated drinking water at the San Fernando Valley (Area 2) site and will continue to protect residents near this site while further cleanup activities are being planned.

▼ POTENTIALLY RESPONSIBLE PARTIES

Potentially responsible parties (PRPs) refers to companies that are potentially responsible for generating, transporting, or disposing of the hazardous waste found at the site.

Online information about the PRPs for the site is not yet available.

▼ SITE DOCUMENTS AND REPORTS

Administrative Records: [Glendale North Operable Unit](#), [Glendale South Operable Unit](#)

Records of Decision: [Glendale North Operable Unit](#), [Glendale South Operable Unit](#)

Technical Documents:

▼ COMMUNITY INVOLVEMENT

Public Meetings:

Newsletters and Fact Sheets:

- 1) [July 1992 - EPA Proposes Cleanup Plan for Glendale Area](#)
- 2) [Sep 1992 - EPA Proposes Plan for Second Cleanup Project in Glendale Area](#)
- 3) [Jun 1993 - EPA Signs Cleanup Remedy for Glendale North and South Operable Units](#)
- 4) [Aug 1998 - Construction of Glendale Groundwater Treatment Plant Under Way](#)
- 5) [May 2000 - Notice of Public Hearing on the Use of Water from the Glendale Water Treatment Plant](#)

▼ SITE REPOSITORIES/LIBRARY SOURCES



The public information repositories for the site are at the following locations:

City of Glendale Public Library,
222 East Harvard Street,
Glendale, CA 91205
(818) 548-2021

Los Angeles Department of Water and Power (LADWP) Library,
111 North Hope Street, Room 518
Los Angeles, CA 90012
(213) 367-1994

The most complete collection of documents is the official EPA site file, maintained at the following location:

Superfund Records Center
Mail Stop SFD-7C
95 Hawthorne Street, Room 403
San Francisco, CA 94105
(415) 536-2000

Enter main lobby of 75 Hawthorne street, go to 4th floor of South Wing Annex.

▼ CONTACTS

EPA SITE MANAGER:

David Stensby

ADDRESS:

PHONE NUMBER: (415) 972-3246

E-MAIL ADDRESS: Stensby.David@epamail.epa.gov

EPA COMMUNITY INVOLVEMENT COORDINATOR: Jackie Lane

ADDRESS:

PHONE NUMBER: 1-800-231-3075

E-MAIL ADDRESS:

PUBLIC INFORMATION CENTER: (415) 947-8701

E-MAIL ADDRESS: r9.info@epamail.epa.gov

STATE CONTACT:

ADDRESS:

PHONE NUMBER:

PRP CONTACT:

ADDRESS:

PHONE NUMBER:

COMMUNITY CONTACT:

ADDRESS:

PHONE NUMBER:

After Hours (Emergency Response)

State Environmental Protection Agency

(800) 852-7550

US Environmental Protection Agency

(800) 424-8802

▼ MISCELLANEOUS INFORMATION

STATE:

CA

CONGRESSIONAL DISTRICT:

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EPA ORGANIZATION:

SFD-7-4