



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, December 2009

Skyway Subdivision Groundwater Plume Investigation Update

The Department of Toxic Substances Control (DTSC) is distributing this fact sheet to update the community about the investigation and cleanup efforts occurring for the Skyway Subdivision Groundwater Plume (Site) in southwest Chico, California. The groundwater at the Site is contaminated with chlorinated solvents, primarily trichloroethylene (TCE). Tetrachloroethylene (PCE) has also been detected at very low levels. DTSC is overseeing the investigation and cleanup of the contaminated groundwater at the Site. The cleanup is currently in the Remedial Investigation (RI) stage, which involves conducting site investigations to learn more about the contamination levels in the groundwater and the size of the plume. The highest level of TCE found at the Site was 32 parts per billion (ppb), while the highest level of PCE found was 11 ppb. The maximum contaminant level (MCL) set by the California Department of Public Health for both TCE and PCE is 5 ppb.

This Fact Sheet Provides Information About:

- Site History and Background
- The Remedial Investigation
- Next Steps in the Cleanup Process
- Where to Find More Information

PUBLIC INVOLVEMENT

The community is encouraged to participate in DTSC's cleanup efforts for the Site. Remedial Investigation groundwater sampling results are available for the public, and have been placed in the information repositories listed on page 4 of this fact sheet. If you have questions about the Skyway Subdivision Groundwater Plume Remedial Investigation please contact: **Steven Ross, DTSC Project Manager**, at 916-255-3694, or email him at Sross@dtsc.ca.gov.

For questions about public involvement, please contact: **Marcus Simpson, DTSC Public Participation Specialist**, at 916-255-6683, toll free at 1-866-495-5651, or by email at Msimpson@dtsc.ca.gov.

Para informacion en contacto Espanol Jesus Cruz, Especialista de Participacion Publico en 1-866-495-5651.



Site History and Background Information

Groundwater contamination at the Site was first discovered in November 2003 during residential water well sampling conducted by the Central Valley Regional Water Quality Control Board. Further investigations revealed that the source of contamination came from the former CE Building Products operation at 37 Speedway Avenue, which until 1976 was the site of an aluminum manufacturer that used a vapor metal degreaser to clean parts. The degreaser contained the solvent TCE.

In March, 2004 DTSC began a bottled water program providing clean water to the community to help protect the residents in the Skyway Subdivision from exposure to the contamination. After taking over as the lead agency for groundwater cleanup at the Site, DTSC then provided 63 homes with carbon treatment systems to filter out contamination from residential well water. Further sampling that was conducted on residential wells in the Skyway Subdivision indicated that the carbon treatment systems were successful in filtering out the contamination from the well water.

In 2007, DTSC identified ABB, the successor of CE Building Products, as a responsible party for the investigation and cleanup of groundwater contamination at the Site.

Skyway Subdivision Municipal Water Connections

During community interviews with the Skyway Subdivision residents conducted in the summer of 2007, the vast majority of community members expressed their desire to have treated municipal water delivered to their homes. During a DTSC public meeting held in January 2008, the community was informed that ABB planned to provide municipal water hookups for those homes impacted by the Skyway Subdivision Groundwater Plume at no cost to the residents. The plan was well received by

the public. Construction for the public water expansion began in August 2008 and was completed in January 2009. The map on page 3 shows the newly installed public water line locations.

The Remedial Investigation

The Remedial Investigation (RI) is being conducted in phases. DTSC conducted Phase I of the RI in late 2005 and continued in 2006 with the installation of 12 monitoring wells throughout the Skyway Subdivision. Phase I of the RI also included groundwater monitoring.

Phase II of the RI was conducted in 2008 and 2009 by ABB, and included installation of 31 new monitoring wells throughout the Skyway Subdivision. Wells were installed immediately downgradient from the former CE Building Products facility to characterize the source of TCE in groundwater. Wells were also installed offsite to determine how far the groundwater plume extends (vertically and horizontally), and to monitor potential migration of the contamination.

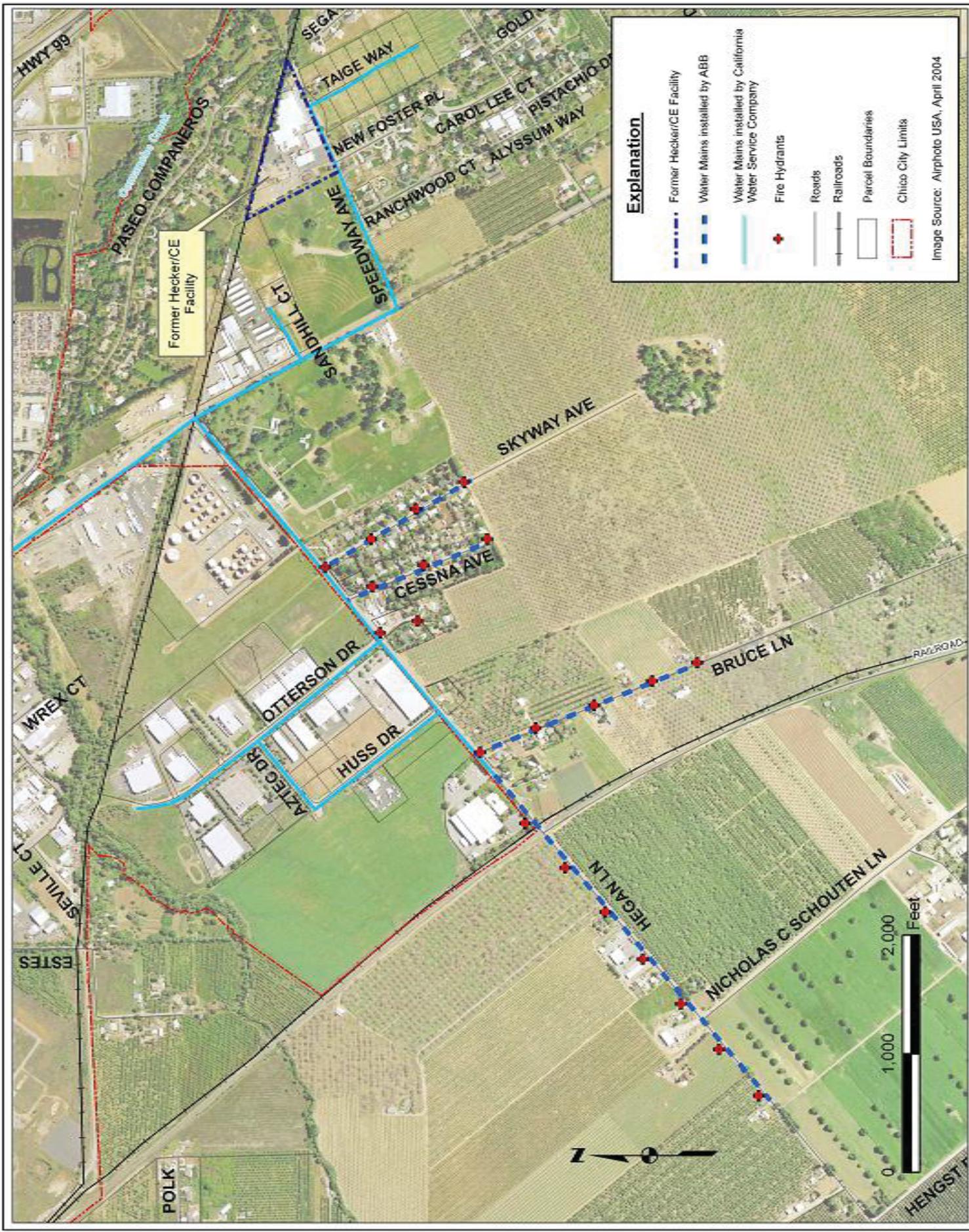
Groundwater monitoring will continue throughout the RI to evaluate contaminant levels and further define the boundaries of the plume. The table below presents a brief summary of contamination data gathered thus far.

Summary of Contamination Data

Contaminant	Maximum Concentration Detected	Maximum Contaminant Level
Trichloroethene (TCE)	32 ppb	5 ppb
Tetrachloroethene (PCE)	11 ppb	5 ppb

ppb = parts per billion

Maximum Contaminant Level (MCL) = Drinking water standards established to prevent potential adverse human health effects.



Former Hecker/CE Facility

Explanation

- Former Hecker/CE Facility
- Water Mains installed by ABB
- Water Mains installed by California Water Service Company
- Fire Hydrants
- Roads
- Railroads
- Parcel Boundaries
- Chicago City Limits

Image Source: Airphoto USA, April 2004



HWY 99
 PASO COMPANEROS
 SEGA
 TAIGE WAY
 GOLD
 NEW FOSTER PL
 CAROL LEE CT
 PISTACHIO DR
 RANCHWOOD CT
 ALYSSUM WAY
 SPEEDWAY AVE
 SANDHILL CT
 SKYWAY AVE
 CESSNA AVE
 WREX CT
 OTTERSON DR
 HUSS DR
 AZTEC DR
 SEVILLE CT
 ESTES
 POLK
 HEGAN LN
 BRUCE LN
 RAILROAD
 NICHOLAS C. SCHOUTEN LN
 HENGST

Next Steps in the Cleanup Process

Results from Phase I and Phase II of the RI indicate the need for a third phase, which is in the preliminary planning stages at this time. Currently, the Phase III RI plan calls for the installation of additional monitoring wells in the vicinity of the Site to further map out the groundwater plume boundaries and to continue to monitor contamination levels.

Once the RI is complete, and the full extent of the Skyway Subdivision groundwater plume has been determined, a Feasibility Study will be conducted. The purpose of the Feasibility Study is to review a variety of cleanup alternatives for the plume, and then determine which alternative is the most appropriate for the Site.

Once the Feasibility Study is complete, a draft Remedial Action Plan (RAP) will be developed. The draft RAP is the draft cleanup plan for the plume, and it will be summarized in a future fact sheet as well as a public meeting for members of the community. The draft RAP will also include a public comment period to allow members of the public to provide their comments or questions about the cleanup plan, which DTSC will consider and respond to before making a final decision to implement the cleanup plan.

Information Repositories

Project documents, such as Remedial Investigation sampling reports and fact sheets are available for public review at the following information repositories:

Butte County Library, Chico Branch
1108 Sherman Avenue
Chico, California 95925
530-891-2762

DTSC, File Room
8800 Cal Center Drive
Sacramento, California 95826
File Room: 916-255-3758 (Please call for appointment)

Online at: www.envirostor.dtsc.ca.gov/public

For More Information

If you have questions or concerns about the Skyway Subdivision Groundwater Plume, please contact the DTSC project staff.

For general project questions please contact:

Steven Ross
DTSC Project Manager
(916) 255-3694
Email at: Sross@dtsc.ca.gov

For questions related to public participation please contact:

Marcus Simpson
DTSC Public Participation Specialist
(916) 255-6683
toll free: 1-866-495-5651
Email at: Msimpson@dtsc.ca.gov

For media questions please contact:

Carol Northrup
DTSC Public Information Officer
(510) 407-4817
Email at: Cnorthru@dtsc.ca.gov

Notice to the Hearing Impaired

TDD users can obtain additional information by using the California State Relay Service at 1-888-877-5378. Ask them to contact Steven Ross at 916-255-3694, or Marcus Simpson at (916) 255-6683, toll free at 1-866-495-5651.