

## North Coast Regional Water Quality Control Board

# Notice of Site Cleanup Activities

## Fiesta Cleaners (Formerly LaBlue's Cleaners)

### 580 Gravenstein Highway North, Sebastopol

#### Case Number 1NS0845

#### November 2017

### Introduction

The presence of tetrachloroethene (PCE) in soil and groundwater was discovered in 2006 at the dry cleaner located at 580 Gravenstein Highway North in Sebastopol, California. PCE is a chemical commonly used in the dry cleaning industry. The North Coast Regional Water Quality Control Board (Regional Water Board) is the State of California agency overseeing the site investigation and cleanup.

### Site Location

The investigation and cleanup site is located in the Fiesta Shopping Center, between Gravenstein Highway North and Covert Lane in Sebastopol.



### Site Investigation

The property owner has conducted investigative work in phases including the collection of soil, soil vapor, groundwater, and indoor air samples. The principle constituent of concern is PCE, used in dry cleaning at the site until 2003. The maximum PCE concentrations detected near the dry cleaner include 210 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) in soil, 13,000  $\mu\text{g}$  per liter ( $\mu\text{g}/\text{L}$ ) in groundwater, and 310,000  $\mu\text{g}$  per cubic meter ( $\mu\text{g}/\text{m}^3$ ) in soil vapor.

No evidence of off-site PCE migration has been detected, and no downgradient water supply wells have been impacted. The water supply for businesses in the Fiesta Shopping Center is provided by the City of Sebastopol. However, some exceedances of the commercial indoor air screening level for PCE were historically detected.

### Soil and Soil Vapor Cleanup Activities

To mitigate the vapor intrusion of contaminants from the subsurface to indoor air, consultants for the property owners installed a soil vapor extraction (SVE) system in May 2012 under a permit from the Bay Area Air Quality Management District. In addition to mitigating the vapor intrusion, the SVE system helps remediate the soil contamination. The SVE system has operated continuously since installation. Soil vapor monitoring documents a progressive decrease in PCE concentrations in soil vapor at the Site.

### Groundwater Cleanup Activities

A workplan for deep groundwater remediation and monitoring, that included a focused evaluation of groundwater remedial alternatives was approved in March 2016. Consulting engineers for the property owners filed a Notice of Intent to conduct in-situ soil and groundwater treatment and initiated a pilot test in May 2017. The initial work involved injecting chemical reduction reagent below the water table in two areas on the property, including an area behind the dry cleaner and along a line of borings in front of the dry cleaner. Subsequent groundwater monitoring confirmed the distribution of the treatment product and a decrease in concentrations in the deeper groundwater near the source area. Remediation monitoring continues.

### Public Participation

The Regional Water Board invites public comment on the remedial investigation and cleanup activities.

Please direct questions or comments regarding this project to Beth Lamb at (707) 576-2669 or [BLamb@waterboards.ca.gov](mailto:BLamb@waterboards.ca.gov). You may also submit written comments to:

North Coast Regional Water Quality Control Board  
Attention: Beth Lamb  
5550 Skylane Blvd., Suite A  
Santa Rosa, CA 95403

Documents related to this site may be viewed at the Regional Water Board's Santa Rosa office, or on-line at [www.geotracker.waterboards.ca.gov](http://www.geotracker.waterboards.ca.gov).