



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, February 2007

Amended Cleanup Plan Proposed for the Marley Cooling Tower Site

Introduction

Beginning March 1, 2007, a 30-day public comment period on a proposed Remedial Action Plan Amendment (referred to as the Amendment) and proposed Negative Declaration will be held for the former Marley Cooling Tower Company site (called the Site). The Site is broken up into two adjacent Yards. The 13-acre South Yard is located at 150 Sinclaire Avenue, and the 17-acre North Yard is located at 200 North Wagner Avenue, Stockton, California, 95215-5265. The two Yards are bisected by the Stockton Terminal & Eastern rail line. Both Yards are paved with asphalt and enclosed by a

Public Review and Comment Period and Public Meeting

The Department of Toxic Substances Control invites you to review and comment on an amended Remedial Action Plan (referred to as the proposed Amendment) and a proposed Negative Declaration for the former Marley Cooling Tower Company site located in Stockton, California. A public meeting will be held:

March 15, 2007, 6 p.m.
Franklin High School
300 N. Gertrude Avenue
Stockton, California 95215
(209) 933-7435

Comments will be accepted from March 1 through March 30, 2007.
Comments should be submitted to:

The Department of Toxic Substances Control
Attn: Mr. Steve Ross, Project Manager
8800 Cal Center Drive
Sacramento, CA 96826
Email address: sross@dtsc.ca.gov

Comments which are emailed must be submitted no later than 5:00 p.m. March 30, 2007. Mailed comments must be postmarked no later than March 30, 2007.

Locations where you can review the proposed Amendment and Negative Declaration are located on pages 3 and 4 of this fact sheet.



6-foot tall chain-link fence with barbed wire attached at the top. Even though there are two Yards, we consider this one site and will refer to it as one site throughout this fact sheet. Past operations (mostly wood treating) at the Site resulted in contamination of soil with copper, chromium and arsenic, and groundwater with chromium. Depending on the length of time and the type and amount of exposure, these contaminants could have an impact on human health.

History and Background

From May 18 through June 19, 1990 a draft Remedial Action Plan (draft RAP) proposing how to clean up surface soils, pipes and culverts, subsurface soils, and groundwater at the Site was made available for public review and comment. In June, 1990, the draft RAP was approved and cleanup of these areas began. Arsenic contaminated surface soils were excavated to an off-site disposal facility. Contaminated sediments in the pipes and culverts were cleaned out and sent to an off-site disposal facility.

Subsurface soils were addressed by replacing a synthetic liner used to capture fluid leaking in the retort pit (pressure vessel used for wood treatment) with an upgraded liner and installation of a leak detection system. Groundwater cleanup included expansion of an on-site water treatment plant, installation of groundwater extraction systems, and groundwater monitoring to ensure that the extraction systems were working properly. In addition, private well owners in the area affected by the groundwater contamination were provided with an alternative water supply.

Why is the Remedial Action Plan Being Amended?

The RAP is being amended because the owner of the Site wants to use new technology in the cleanup of groundwater. If this technology is successful, it could mean that groundwater would be cleaned up sooner.

The RAP Amendment proposes the following:

- Inserting injection wells in the North Yard and in some off Site locations.
- Injecting a chemical solution consisting of calcium polysulfide and ethanol in water into each injection well at varying depths and concentrations depending on the chromium concentrations in groundwater.
- The chemical solution will then remove the chromium from the groundwater by turning it into an insoluble form of chromium.
- The insoluble form of chromium remains with the subsurface soil.
- Groundwater will be sampled on a routine basis to evaluate how well this treatment is working.

In addition to those activities, soil flushing with water will also occur at the Site. Soil flushing involves:

- Installing five horizontal flushing wells beneath the former retort pit and below the arsenic contaminated soil.
- The wells will be used to flush chromium from soil into groundwater.
- The flushed chromium in water will be treated underground with the chemical solution.

Personnel will routinely inspect all above ground piping, fittings, and equipment and monitor to ensure that the treatment is working properly.

It's important to note that the current groundwater treatment system has 16 extractions wells which will continue to remove water for treatment during implementation of the proposed method in the Amendment until cleanup goals have been achieved.

What Effects Will the Proposed Amendment Have On The Environment?

Before DTSC can make a decision on whether to approve the proposed Amendment it must meet the requirements of a state law known as the California Environmental Quality Act (often referred to as CEQA). The purpose of CEQA is to evaluate whether the project could cause an adverse impact on the environment. Based on environmental investigation data collected for the proposed Amendment, DTSC has determined that a Negative Declaration is appropriate for this project. The proposed Negative Declaration states that the project will not have a significant effect upon the environment.

Public Involvement Opportunities

On March 15, 2007, a public meeting to answer questions and accept comments on the Amendment will be held at Franklin High School at 300 North Gertrude in Stockton, California. A decision on the proposed Amendment will not be made by DTSC until all comments received have been reviewed and considered.

Comments on the proposed Amendment and Negative Declaration should be addressed to:

Department of Toxic Substances Control
Mr. Steve Ross, Project Manager
8800 Cal Center Drive
Sacramento, California 95826

You may submit comments via email to Mr. Ross at sross@dtsc.ca.gov. E-mail comments must be submitted by 5:00 p.m. on March 30, 2007.

Future Activities

After the 30-day public comment period has ended, DTSC will review all comments received and make a final determination. Anyone who submitted a comment on the proposed Amendment and Negative Declaration will receive DTSC's Response to Comments document. This document provides all of the comments submitted during the comment period and DTSC's response to those comments. The Response to Comments will also be provided to anyone who requests a copy, and will be available for review at locations provided in the next section of this fact sheet.

A fact sheet or flier will be sent to the mailing list announcing DTSC's final decision on the proposed Amendment and Negative Declaration. In addition, a public notice announcing DTSC's decision will be published in the Stockton Record newspaper.

Where to View the Proposed Amendment

The proposed Amendment and Negative Declaration can be reviewed at three locations:

- 1) Online at www.envirostor.dtsc.ca.gov/public/search.asp. Once there, type in the name 'marley' in the site name block and hit enter. Single click on the first 'report link and you'll be taken to the appropriate screen. The 'Community Involvement' link will allow you to view the proposed Amendment and Negative Declaration.
- 2) Department of Toxic Substances Control's office located at 8800 Cal Center Drive, Sacramento, California, 95826. Please contact Ms. Bobbi Jensen at (916) 255-3779 if you wish to review documents at the Sacramento office.

- 3) Stockton-San Joaquin County
Public Library
605 North El Dorado Street
Stockton, California, 96202.
Please call (209) 937-8362 for
days and hours of operation.

Questions?

If you have questions about the proposed Amendment, proposed Negative Declaration, or the project in general, please contact Mr. Steve Ross, DTSC Project Manager, by phone (916) 255-3694 or by email at sross@dtsc.ca.gov. You may also contact Ms. Heidi Nelson, DTSC Public Participation Specialist at (916) 255-3575 or toll free at (866) 495-5651. Ms. Nelson can be reached by email at hnelson@dtsc.ca.gov.

Media Inquiries

Members of the press are requested to contact Ron Baker, Public Information Officer, Department of Toxic Substances Control by phone at (916) 324-3142 or by email at rbaker@dtsc.ca.gov.

Notice to Hearing Impaired

You can obtain additional information by using the California State Relay service at 1-888-877-5378 (TDD). Ask them to contact Mr. Steve Ross at (916) 255-3694.

Website Information

If you would like to learn more about the Department of Toxic Substances Control, please visit us online at www.dtsc.ca.gov.