



California Regional Water Quality Control Board

Central Coast Region



Linda S. Adams
Agency Secretary
Environmental
Protection

Arnold Schwarzenegger
Governor

<http://www.waterboards.ca.gov/centralcoast>

895 Aerovista Place, Suite 101, San Luis Obispo, California 93401
Phone (805) 549-3147 • Fax (805) 543-0397

Public Notice of Cleanup Activities and Conditional Waiver of Waste Discharge Requirements

Mission Linen Supply
201 East Haley Street
Santa Barbara, CA

February 21, 2008

Central Coast Water Board staff is providing this notification to nearby landowners and residents/occupants as well as other interested persons. It describes site background, the proposed cleanup strategy, previous cleanup activities, next steps, and how you can obtain more information.

Introduction

The California Regional Water Quality Control Board, Central Coast Region (Central Coast Water Board) is the regulatory agency responsible for overseeing the investigation and cleanup of the former Mission Linen Supply/Ambassador Laundry facility located in Santa Barbara, California. Mission Linen Supply (Mission) performed limited dry cleaning operations at 201 East Haley Street, until 1988 when dry cleaning operations ceased. Mission's dry cleaning operations resulted in the discharge of a common dry cleaning solvent to both soil and groundwater beneath the property located at 201 East Haley Street (source area) and in groundwater downgradient of the source area. Mission has implemented the cleanup of soil and groundwater since 1988 at the source area and in groundwater at several properties downgradient of the source area, in accordance with Cleanup and Abatement (CAO) Order No. 88-89. The purpose of this Public Notice is to provide the public with information on 1) a proposed cleanup technology for a property located downgradient of the source area at 235 East Haley Street and 2) a conditional waiver of waste discharge requirements to implement the cleanup technology.

Site Background

The former Mission's dry cleaning site is located at 201 East Haley Street in Santa Barbara at the north corner of Haley and Santa Barbara Streets (Figure 1). Mission has identified chemical impacts to both soil and groundwater beneath the source area and downgradient of the source area (Figure 2). The most prevalent pollutant is tetrachloroethene (PCE), which is a common solvent, used in many dry cleaning operations. Mission demolished the facility structures located at 201 East Haley Street in 1996-1997 and the property has been vacant since that time.

Previous Cleanup Activities

In response to CAO Order No. 88-89 and additional Central Coast Water Board's cleanup requirements, Mission performed a number of cleanup activities at the source area (201 East Haley Street) and at several properties located downgradient of the source area. The cleanup activities include:

- Abandonment of Mission's onsite supply well;
- Characterization of waste discharges to the shallow water-bearing zones (Shallow Zones 1 through 5) and the Upper Producing Zone (UPZ);

California Environmental Protection Agency



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Item No. 26 Attachment No. 5
March 20-21, 2008 Meeting
Waste Discharge Requirements
Former Mission Linen/Ambassador

- Construction and operation of a groundwater extraction and treatment system;
- Construction and operation of a Soil Vapor Extraction and Treatment system;
- Implementation of a three-phase in-situ remediation program using chemical oxidation for source removal; and
- Bioremediation field pilot testing using emulsified oil substrate to evaluate the ability of microbes and indigenous bacteria to remove remaining dissolved PCE in groundwater and associated daughter products from groundwater.

Proposed Cleanup Approach

Mission is proposing to inject activated carbon and zero-valent iron (ZVI) into groundwater at 235 East Haley Street to degrade PCE and associated daughter products in groundwater. Activated carbon and ZVI are not hazardous or toxic, and are specifically designed to create subsurface conditions that will degrade and destroy the chlorinated solvents remaining in groundwater.

Next Steps in Cleanup

Upon approval of the conditional waiver of waste discharge requirements, Mission plans to inject the activated carbon and ZVI using direct-push technology over a one-week period on the property located at 235 East Haley Street.

Following the injection of the activated carbon and ZVI, Mission will continue to monitor groundwater to assess the effectiveness of the treatment program.

Public Comment Period

To inject the activated carbon and ZVI, Mission has submitted an application to the Central Coast Water Board for the injection of activated carbon and ZVI at 235 East Haley Street. On March 21, 2008, a meeting of the Central Coast Water Board will take place at the Salinas City Council

Chambers. The corresponding agenda item for this project will provide information about the proposed cleanup technology and recommend the approval of a conditional waiver of waste discharge requirements.

The Central Coast Water Board's proposed conditional waiver of waste discharge requirements for the Central Coast Water Board March 21, 2008 Public Hearing is available at the following website:

<http://www.waterboards.ca.gov/centralcoast/Permits/Index.htm>

Additional site documents are available at:

http://www.geotracker.swrcb.ca.gov/reports/luft.asp?global_id=SL203061244&assigned_name=SLICSITE

Hardcopies are available upon request.

Central Coast Water Board staff encourages all interested parties to submit written comments or questions about the cleanup activities at 235 East Haley Street. The 30-day public comment period begins February 21, 2008, and ends March 21, 2008. You may send all public comments in writing or via email to the Water Board at:

Ms. Thea Tryon
 Central Coast Regional Water Quality
 Control Board
 895 Aerovista Place, Suite 101
 San Luis Obispo, CA 93401
 Tel: (805) 542-4776
 Fax: (805) 788-3503
ttryon@waterboards.ca.gov

Attachments: Figures 1 and 2

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