



Department of
Toxic Substances
Control

Our mission is to protect California's people and environment from harmful effects of toxic substances by restoring contaminated properties, identifying and promoting safer ingredients in consumer products, and ensuring stewardship through enforcement, regulation and pollution prevention.



State of California



California
Environmental
Protection Agency

Fact Sheet, September 2011

Corrective Measures Proposal for the Rhodia Dominguez Plant

Si desea información en español, comuníquese con Jeanne Garcia al (818) 717-6573

The Corrective Measures Proposal (CMP) for the Rhodia Dominguez Plant (Site) is available for public review and comment. The CMP presents the proposed final remedy for corrective action at the Site. The 33-acre facility is located at 20720 South Wilmington Avenue, Carson, California 90746.

Why Corrective Action is Necessary

The facility investigation revealed pesticide and Volatile Organic Compound (VOC) contamination in onsite soil and groundwater. Pesticide impacted soil is located between one and ten feet below ground surface at the Site. VOC impacted soil is primarily located in two currently unpaved areas. Contaminated groundwater is present beneath the eastern side of the Site.

What are the Contaminants

The pesticides detected at the Site include dichloro-diphenyl-trichloroethane (known as DDT), dichloro-diphenyl-dichloroethane (known as DDD), dichloro-diphenyldichloroethylene (known as DDE), and dieldrin. The VOCs detected at the Site include Perchloroethylene (PCE) and Trichloroethylene (TCE).

History and Operations at Rhodia

The Site was developed in 1929 as a sulfuric acid and sodium hydroxide plant. From 1946 to 1967, DDT was ground and packaged at the Site. Fuming sulfuric acid, sodium hydrosulfide and hydrochloric acid were historically manufactured at the Site. PCE, methylene chloride, and sulfur dioxide were stored at the Site. The Site currently manufactures sulfuric acid and aluminum sulfate.

30-DAY PUBLIC COMMENT PERIOD September 1, 2011 through October 3, 2011

Your participation is encouraged. The proposed cleanup plan, California Environmental Quality Act (CEQA) Draft Notice of Exemption, and other related project documents for this Site are available for public review and comment at the locations listed on page 2. We will make a final decision after all public comment has been reviewed and considered. Please submit written comments postmarked or emailed by **October 3, 2011**, to:

Jermaine Nora, Project Manager, 5796 Corporate Avenue, Cypress, CA 90630. E-mail: jnora@dtsc.ca.gov, FAX: 714-484-5438.



Proposed Corrective Measures

The following corrective measures were evaluated in the CMP: (DTSC) Web site at:

- Alternative 1 – No Action
- Alternative 2 – Soil Excavation & Enhanced In-Situ Bioremediation
- Alternative 3 – Soil Excavation & Groundwater Monitoring
- Alternative 4 – Soil Cover of Unpaved Areas, Soil Vapor Extraction, Institutional Controls and Groundwater Monitoring
- Alternative 5 – Soil Cover of Unpaved Areas, Soil Vapor Extraction & Enhanced In-Situ Bioremediation

Based on careful analysis, Alternative 4 was selected as the proposed final remedy because it is protective of human health and the environment. If this alternative is approved, exposure to contaminated dust will be controlled by covering unpaved areas with either crushed rock gravel or asphalt paving. A soil vapor extraction system will be operated at the Site to reduce the mass of VOCs present in soil. Annual groundwater monitoring will be conducted to assess water quality and the potential for offsite migration of VOCs. Institutional controls consisting of a Land Use Covenant (LUC) will be implemented. A LUC is an agreement which will restrict the Site to commercial/industrial land use and will outline necessary short and long term monitoring requirements.

California Environmental Quality Act (CEQA)

Under CEQA, DTSC must evaluate whether the proposed cleanup actions have any significant adverse impacts on human health and the environment. DTSC has determined that the proposed cleanup actions will not have any significant adverse impacts on the environment because there is no potential for exposure to hazardous substances as no soil will be excavated and soil vapor will be treated. Our findings are documented in a Draft Notice of Exemption which is available at the repositories listed.

Next Steps

At the end of the Public Comment Period, DTSC will review and consider all public comments received, and make any necessary revisions to the CMP based on the comments. A Response to Comments document will be mailed to everyone who submits a comment and provides their name and address.

Where to Find the Documents

The CMP and other related documents for the proposed final remedy are available for review at the following repositories:

Carson Regional Library

151 E. Carson St.
Carson, CA 90745-2797
Phone: (310) 830-0901

Department of Toxic Substances Control

5796 Corporate Avenue
Cypress, CA 90630
Hours: 8 am to 4:30 pm Monday through Friday.
Contact: Julie Johnson for an appointment
(714) 484-5337

Documents Available Via the Web at:

http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=71002340
(Click the "Community Involvement" tab)

Who to Contact for More Information

If you have any questions about this Fact Sheet or the CMP, please contact:

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For Media Inquires Only

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Notice to Hearing-Impaired Individuals and Community Members that require Translation

All documents made available to the public by the DTSC can be made available in alternative format (i.e. Braille, large print, etc.) or in another language as appropriate, in accordance with state and federal law. Please contact Tim Chauvel for more information.

TTY/TDD/STS users dial 711 (for the California Relay Service) and ask for Jermaine Nora

For more information about DTSC:

Visit our website at www.dtsc.ca.gov