



Department of  
Toxic Substances  
Control

*The Mission of  
the Department of  
Toxic Substances  
Control is to  
provide the highest  
level of safety, and  
to protect public  
health and the  
environment from  
toxic harm.*



State of California



California  
Environmental  
Protection Agency

Fact Sheet, December 2009

## Cleanup Plan for Brawley Radiator Shop Available for Public Review



A draft plan to remove contaminated soil at Brawley Radiator Shop is available for public review and comment. Lead and arsenic were found above acceptable levels at the site which is located at 556 E Street, in Brawley. The draft plan, called a Removal Action Workplan (RAW) was prepared by California Department of Toxic Substances Control (DTSC).

This fact sheet provides information on:

- Why Cleanup Is Necessary
- History and Operations at the Site
- Proposed Plan
- Safety and Dust Control During Cleanup
- Next Steps
- Where to Find the Documents
- Who to Contact for Information

### **PUBLIC COMMENT PERIOD**

December 8, 2009 to January 13, 2010

The Draft Removal Action Workplan (RAW) for this site and other related project documents are available for review and public comment at the locations listed on page 3. Please submit written comments postmarked by January 13, 2010. Or, email on or before the deadline date to:

Rania Zabaneh, Project Manager  
Department of Toxic Substances Control  
5796 Corporate Avenue, Cypress, CA 90630  
[rzabaneh@dtsc.ca.gov](mailto:rzabaneh@dtsc.ca.gov)



## Why Cleanup Is Necessary

DTSC recommended that a cleanup plan be prepared to address the elevated levels of lead, and arsenic.

### *Arsenic and Lead*

Although arsenic and lead are metals that occur naturally in soil, they are also used in manufacturing processes.

DTSC will oversee the cleanup and will ensure that it is performed in a manner that does not harm people or the environment.

The DTSC, a department within the California Environmental Protection Agency, is responsible for overseeing the site environmental investigation and ensuring that mitigation and cleanup activities are conducted in accordance with state and federal laws and regulations.

## History and Operations at the Site

The Brawley Radiator Site is approximately 50 feet by 100 feet. The property contains two structures, the Brawley Radiator Shop building and the Automobile Glass Repair Shop. The Automobile Glass Repair Shop is not being addressed in this cleanup plan. Land use in the surrounding area is a mixture of commercial and industrial. Residential areas and two schools are located within a quarter mile of the property.

Repair of automobile and heavy equipment radiators has been conducted at the site since 1974. Chemicals used at the site include acids, bases, chrome, nickel, copper, and cyanide.

## Environmental Investigations

A Preliminary Endangerment Assessment investigation was conducted in 2007 and 2008. During this investigation the soil, soil gas and groundwater were tested to determine if the radiator repair operations released hazardous substances. The results of these tests showed one area of concern located in the hazardous waste storage area at the site.

## Proposed Cleanup Options

The following three cleanup options were considered for this site:

*Alternative 1* – No Action

*Alternative 2* – Containment/Capping-in-Place)/ Institutional Control

*Alternative 3* – Excavation and Off-Site Disposal (dig and remove)

After careful analysis, Alternative 3 is recommended because it protects human health and the environment, is permanent, and has a reasonable cost.

## Proposed Plan

As indicated above, the amount of lead and arsenic are above acceptable levels at one area of the site. The draft cleanup plan using Alternative 3, will require that an estimated 20 to 40 cubic yards of contaminated soil be dug out and removed. After the contaminated soil is removed, samples will be taken to confirm that the contamination has been removed. The excavated areas will then be backfilled with imported clean soil and compacted.

The cleanup activities are anticipated to begin in early 2010. The proposed field work will take less than five (5) days to complete and will occur Monday through Friday from 6:00 a.m. to 4:00 p.m.

## Safety and Dust Control During Cleanup

In order to ensure safety of the public and the workers on site, the following actions will be taken to minimize dust during the proposed cleanup:

- Temporary fencing with windscreens will be installed for security
- The work areas will be sprayed or misted with clean water to prevent dust
- Stockpiled soils will be covered
- All vehicles will maintain slow speeds while on the property
- The trucks will be secured with covers before they leave the site
- The air will be monitored at the site to ensure the amount of dust stays at safe

## California Environmental Quality Act (CEQA)

In compliance with the California Environmental Quality Act (CEQA), DTSC has prepared a draft Notice of Exemption (NOE) for this project. The NOE states that the proposed cleanup will not have a significant negative effect on human health and the environment. This is due to the removal's short duration, relatively small amount of contaminated soil to be removed, and the controlled way in which the contaminated soil will be dug out, loaded onto trucks and taken away to an approved/ permitted facility for lawful disposal.

## Next Steps

At the close of the public comment period, DTSC will review and consider all public comments and make any necessary revisions to the draft RAW prior to final approval. A Response to Comments document will be mailed to anyone who provides their name and address. After the cleanup process is completed, confirmation soil sampling will be conducted to verify cleanup goals have been met and submit a Removal Action Completion Report to DTSC for review and approval.

## Where to Find Site Documents

Copies of the Draft RAW and other site documents are available at the following locations:

Brawley Public Library

400 Main Street

Brawley, CA 92227

(760) 344-0212

Sunday-Monday: Closed

Tuesday-Thursday: Noon to 8:00 p.m.

Friday-Saturday: 9:00 a.m. to 5:00 p.m.

Department of Toxic Substances Control

Regional Records Office

5796 Corporate Avenue

Cypress, CA 90630

Contact: Julie Johnson, (714) 484-5337

Hours: Monday – Friday, 8:00 a.m. to 5:00 p.m.

Site documents are also available for review

## Who to Contact for Information

If you have any questions about the project or cleanup activities, please contact the following persons:

Rania Zabaneh, Project Manager  
Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, CA 90630  
(714) 484-5479  
[rzabaneh@dtsc.ca.gov](mailto:rzabaneh@dtsc.ca.gov)

Jeanne Matsumoto, Public Participation Specialist  
Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, CA 90630  
(714) 484-5338 or  
toll free 1-866-495-5651 press option 4, then 6  
[jmatsumo@dtsc.ca.gov](mailto:jmatsumo@dtsc.ca.gov)

For Media Inquiries  
Sandra Friedman, DTSC Public Information Officer  
(714) 484-5383  
[sfriedma.dtsc.ca.gov](mailto:sfriedma.dtsc.ca.gov)

Notice to Hearing-Impaired Individuals  
You can obtain additional information about the site by using the California State Relay Service at (888) 877 5378 (TDD), or by calling Jeanne Matsumoto, DTSC Public Participation Specialist, at (714) 484-5338.

**Comment Form for Brawley Radiator Facility  
Removal Action Workplan**

If you use this form to send us your comments, please include your name and address. All written comments must be postmarked no later than January 13, 2010. Please send this form to:

Rania Zabaneh DTSC Project Manager  
5796 Corporate Avenue  
Cypress, California 90630

You may also email this same information to: [rzabaneh@dtsc.ca.gov](mailto:rzabaneh@dtsc.ca.gov)

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Affiliation (if any):** \_\_\_\_\_

**Telephone Number (optional):** \_\_\_\_\_

**Comment:** (If you need more space, please feel free to use another sheet of paper)

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**Brawley Radiator Facility**

Please complete the following information if you would like to:

- Add my name to the mailing list
- Remove my name from the mailing list

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City / State / Zip Code: \_\_\_\_\_

Return this coupon to Jeanne Matsumoto, 5796 Corporate Avenue, Cypress CA, 90630. You can e-mail your mailing list request by sending a message to [jmatsumo@dtsc.ca.gov](mailto:jmatsumo@dtsc.ca.gov).

Note: While this mailing list is solely for DTSC use, the list is considered a public record.