

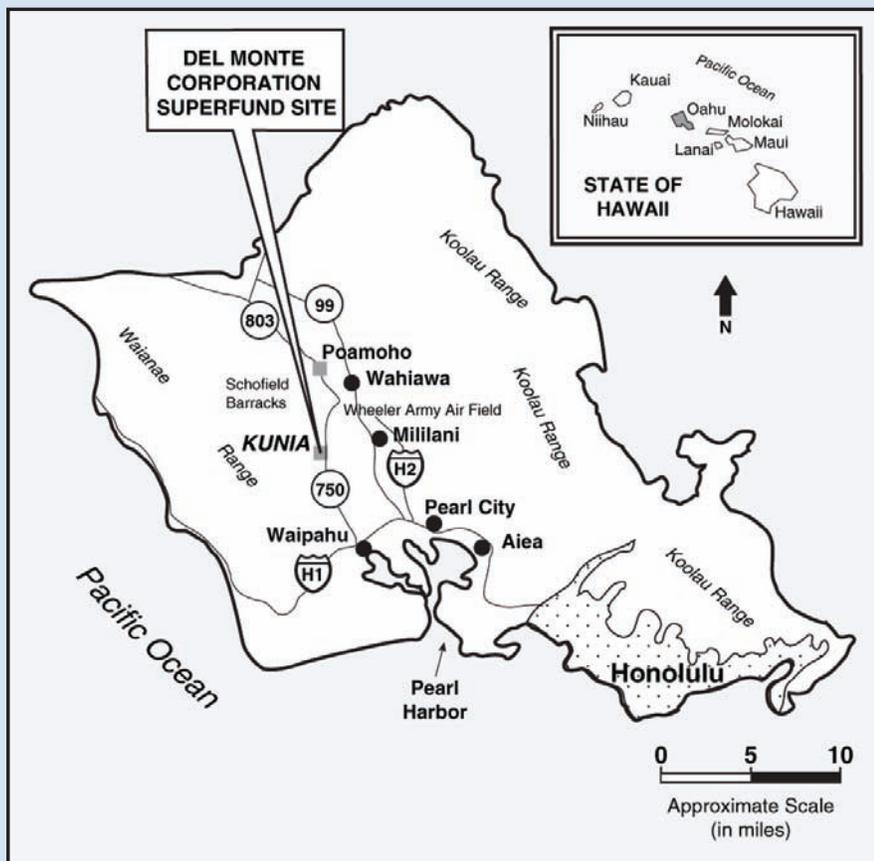


Del Monte Corporation (Oahu Plantation) Superfund Site

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • March 2010

The United States Environmental Protection Agency Begins First Five-Year Review of Cleanup at the Del Monte Corporation (Oahu Plantation) Superfund Site

The United States Environmental Protection Agency (EPA) has begun the initial five-year review of cleanup actions undertaken at the Del Monte Corporation (Oahu Plantation) Superfund Site, in Kunia, Hawaii. The review will evaluate whether the cleanup actions for the site remain protective of human health and the environment.



Del Monte Corporation Superfund Site Location

The Review Process

When EPA's cleanup remedy leaves some waste in place, the Superfund law requires it to evaluate the protectiveness of remedial systems every five years. The purpose of the five-year review is to understand how the constructed remedy is operating and to measure the progress towards achieving the Site's cleanup objectives. This first five-year review will evaluate the remedy's short- and long-term protectiveness of human health and the environment.

Specifically, EPA will look at the movement and/or breakdown of the Site's remaining contaminants, the operation of the mechanical components, the application and monitoring of legal documents regarding property restrictions, the integrity of fencing and barriers, changes in scientific knowledge about site contaminants and exposure pathways, and changes in regulatory standards. The EPA project manager will talk with the on-site manager, other regulatory authorities, EPA's scientific experts, and interested members of the public.

Upon completion of the review, a copy of the final report will be placed in the local information repository (see Page 3) and a notice will appear in the local paper announcing the completion of the Five-Year Review Report. EPA will monitor the Site and conduct additional five-year reviews to ensure the remedy remains protective.

Site History

The Del Monte Corporation (Oahu Plantation) Site was used for pineapple production. The Site was placed on the National Priorities List (NPL) on December 16, 1994 to address the release of pesticides to the groundwater. On January 13, 2004, EPA delisted the Poamoho section of the Site from the NPL list based on investigation results which indicated that the Poamoho section of the site poses no significant threat to human health or the environment. A Record of Decision was signed on September 25, 2003 to add the final elements to the existing interim cleanup actions.

Cleanup Objectives

The cleanup objectives established for the Site's Record of Decision are to:

- Prevent exposure of the public to contaminated groundwater above drinking water standards
- Provide contaminant source control by inhibiting further migration of the contaminant plume away from the Kunia Village Area (KVA)
- Limit discharge KVA perched groundwater and deep soil contaminants to basal groundwater such that basal groundwater concentrations do not exceed drinking water standards
- Restore basal groundwater to its beneficial use of drinking water supply within a reasonable timeframe (aquifer restoration)

To achieve these objectives, the Record of Decision selected a remedy divided into two parts: 1) perched aquifer (shallow groundwater) and contaminated soil in the Kunia Village Area from approximately 20 feet below ground surface (bgs) to 100 feet bgs, and 2) the basal aquifer (deep groundwater). The remedy addressed contamination through the following actions:

Perched Aquifer

- Pumping contaminated water from the perched aquifer for treatment
- Treating contaminated groundwater using phytoremediation or carbon adsorption
- Placing a vegetated soil cap over the contaminated soil area
- Removing soil contaminants using soil vapor extraction (SVE)
- Restricting land use to prevent damage to any component of the perched aquifer remedy

Basal Aquifer

- Pumping and treating contaminated groundwater in a phased manner, starting at the Kunia Well (the source area)
- Installing monitoring wells to determine the effectiveness of pumping groundwater and to evaluate whether natural attenuation is effective at reducing contaminant concentrations in the remainder of the aquifer to drinking water standards
- If there is no evidence of natural breakdown, add pumping wells to ensure the entire plume is being captured and treated
- Treating the contaminated groundwater to drinking water standards using air stripping and carbon filtration
- Restricting land use to prevent activities that may interfere with any component of the basal groundwater remedy

Community Involvement

EPA is always interested in hearing from the public. If you have any issues or concerns about the Del Monte site's cleanup plan, and particularly if you have direct knowledge regarding the operation or implementation of the as-built remedy, EPA would like to talk with you. Please contact Judy Huang or David Cooper at the numbers below. If you would like to be included on EPA's mailing list and receive future fact sheets, fill out the form on Page 3 and mail to David Cooper (see Page 3).

For More Information

Please visit EPA's Del Monte website at: www.epa.gov/region09/delmonte
Or visit the information repository to review the administrative record or contact EPA representatives.



Information Repository

Wahiawa Public Library
820 California Avenue
Wahiawa, HI 96786
(808) 621-6331



EPA Superfund Records Center
95 Hawthorne St.
San Francisco, CA 94105
(415) 536-2000

Contact Information

Judy Huang
Remedial Project Manager
75 Hawthorne St. (SFD-8-3)
San Francisco, CA 94105
(415) 972-3681
huang.judy@epa.gov

David Cooper
Community Involvement Coordinator
75 Hawthorne St. (SFD-6-3)
San Francisco, CA 94105
(415) 972-3245
cooper.david@epa.gov

You can also call toll-free (800) 231-3075. Leave a message and your call will be returned.



Mailing List Coupon

If you are not already on EPA's mailing list for the Del Monte Superfund Site, please send an email or return the coupon below to David Cooper.

Name _____

Mailing Address _____

City, State _____ Zip _____

Telephone (optional) _____

E-mail (optional) _____

Affiliation (optional) _____



Del Monte Corporation (Oahu Plantation) Superfund Site

EPA Begins First Five-Year Review of Cleanup at the Del Monte Corporation (Oahu Plantation) Superfund Site

Printed on 30% Postconsumer  Recycled/Recyclable Paper

United States Environmental Protection Agency, Region 9
75 Hawthorne Street (SFD-6-3)
San Francisco, CA 94105
Attn: David Cooper (Del Monte 3/10)

FIRST-CLASS MAIL
POSTAGE & FEES
PAID
U.S. EPA
Permit No. G-35

Official Business
Penalty for Private Use, \$300

Address Service Requested