



Hassayampa Landfill Superfund Site



U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • February 2011

Third Five-Year Review Underway

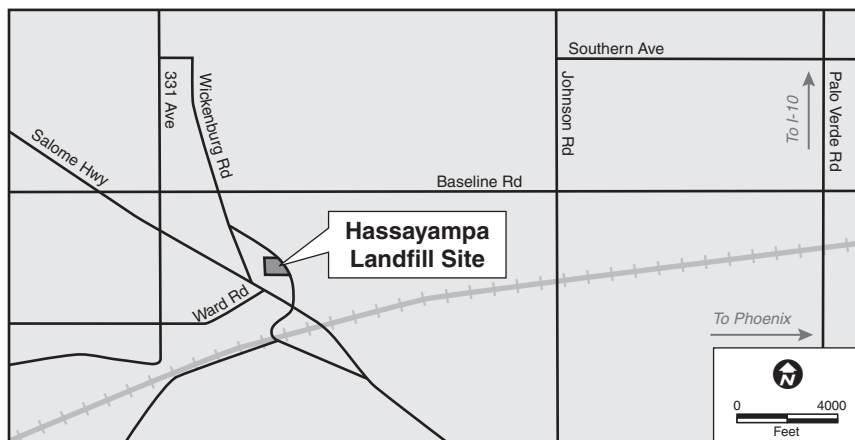
In January 2011, the U.S. Environmental Protection Agency (EPA), with support from the Arizona Department of Environmental Quality (ADEQ), began work on the third Five-Year Review of the remedy for the Hassayampa Landfill Superfund Site (Site). The Site is located approximately 40 miles west of Phoenix in Maricopa County.

The purpose of the Five-Year Review is to evaluate whether the Superfund cleanup remedy for the Site continues to be protective of human health and the environment. EPA requires these reviews every five years, if hazardous waste materials are left on a site, as in the case of this closed landfill.

Two prior Five Year Reviews have been completed for this Site, one in 2001 and the second in 2006. These prior reviews found the remedy protective of human health and the environment in the short term, because no current exposures to Site contaminants are occurring. A third Five Year Review Report will be produced in 2011 that documents the findings and conclusions of this on-going review, including input received from the public.

Community Involvement in Five Year Review

EPA encourages community involvement during the Five Year Review process. If you have any issues or concerns about the Hassayampa Landfill Superfund Site cleanup, and particularly if you have direct knowledge regarding the operation and maintenance of the as-built remedy, EPA would like to talk with you (please contact EPA's Community Involvement Coordinator listed on the back).



Location of Hassayampa Landfill

Site Background

The Hassayampa Landfill Superfund Site is a 10-acre portion of a seventy-seven acre municipal landfill that is owned by Maricopa County. The landfill was closed in June 1997. During an 18-month period beginning in April 1979, a 10-acre portion was used for the disposal of hazardous wastes, which eventually contaminated soil and groundwater. This area was designated as the Superfund Site when it was placed on the federal National Priorities List (NPL) in July 1987.

In the 1980s prior to EPA's involvement, the Arizona Department of Health Services (ADHS) discovered volatile organic compounds (VOCs) in the groundwater in the landfill's monitoring wells. In 1992, EPA selected a Site remedy. The remedy requires treatment of the contaminated groundwater and soil vapor near the disposal pits where liquid wastes were disposed.

The disposal pits had been previously covered with native soil and restored to grade in 1980. The Groundwater Remediation System (GRS), utilizing air-stripping treatment, began operation in 1996. In 2006, the soil vapor extraction (SVE) system was restarted using a proprietary cryogenic technology combined with carbon treatment of the contaminated vapors. In December 2009, EPA modified the remedy to provide cleanup standards for the soil vapor and to document the use of a different soil vapor treatment technology.

The Hassayampa Steering Committee (HSC), comprised of the major parties that generated the hazardous wastes disposed of at this Site, has been responsible for the implementation, and operations and maintenance of this groundwater and soil vapor remedy under EPA and ADEQ oversight.

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Site Information

The prior 2001 and 2006 Five-Year Review Reports for the Hassayampa Landfill Superfund Site are available to the public at the information repositories listed below:

Buckeye Library
301 North 6th St.
Buckeye, AZ 85326
(623) 349-6300

**U.S. EPA Records
Management Center**
95 Hawthorne St.
San Francisco, CA 94015
(415) 820-4700

**ADEQ Records
Management Center**
1110 W. Washington St.
Phoenix, AZ 85007
(602) 771-4830

The prior Five-Year Review Reports are also available on EPA's website at:
www.epa.gov/region09/HassayampaLandfill

Additional information on the site is also provided on the ADEQ web page at:
<http://www.azdeq.gov/envIRON/waste/sps/phxsites.html#19avea>

For additional questions or comments regarding this notice or the Five Year Review, please contact either EPA or ADEQ:

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