

Delisted 19th Avenue Landfill Superfund Site January 2010

The Arizona Department of Environmental Quality (ADEQ) has initiated the Five-Year Review (FYR) of the two interim groundwater remedies at the Delisted 19th Avenue Landfill Superfund Site. This site was deleted from the EPA's National Priorities List on September 26, 2006. The purpose of the FYR is to evaluate whether the remedies in place remain protective of human health and the environment. ADEQ is requesting public involvement in the review process. See information on other side to see how you can get involved.

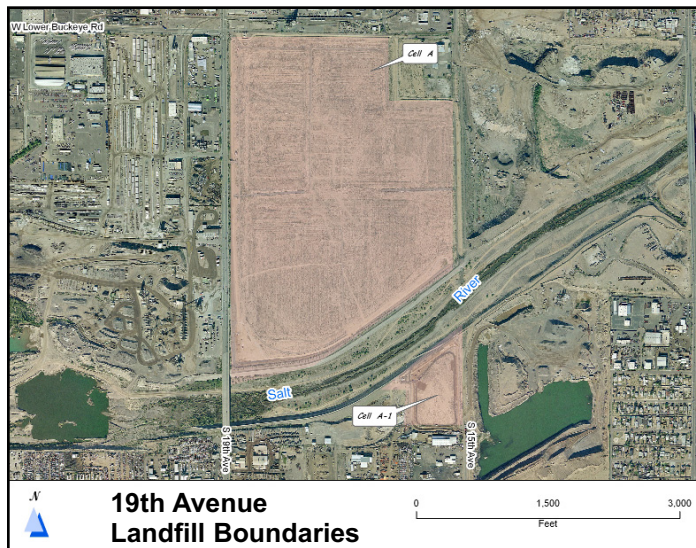
FIVE-YEAR REVIEW

According to Section 121C of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, and the National Oil and Hazardous Substances Pollution Contingency Plan, a remedial action that resulted in hazardous substances, pollutants, or contaminants remaining at the site shall be reviewed no less frequently than every five years. Thus, the site requires a FYR of the selected remedies. During the review, ADEQ studies information about the site, conducts interviews and completes a site inspection. The methods, findings, and conclusions of the review are documented in the FYR review report and made available to the public at the site's information repository.

SITE BACKGROUND

The site is located in an industrial area of Phoenix, Arizona at the southeast corner of 19th Avenue and Lower Buckeye Road. The site covers 213 acres of land, of which the major part containing 200 acres is referred to as Cell A, and located on the north side of the Salt River channel. Cell A-1 is located south of the river channel. The U.S. Army Corps of Engineers and the City of Phoenix (COP) have constructed a riparian habitat restoration project at the Salt River which runs adjacent to the Site between 19th Avenue and 16th Street called the Rio Salado Habitat Restoration Project.

The contamination at the site stems from historic sand and gravel mining and operation of a landfill. The current contaminants of concern (COCs) in groundwater include very low levels of volatile organic compounds and heavy metals including arsenic, barium, mercury,



and nickel. Currently, arsenic periodically exceeds the water quality standards on the site.

In 1992, a Consent Decree (CD) between the State of Arizona and COP was signed by the United States District Court requiring capping of the landfill cells, removal and treatment of methane gas, monitoring of groundwater, flood control improvements and bank stabilization, and a contingency plan to treat groundwater if groundwater standards were exceeded.

The first FYR for the site was conducted in September 2000 and remedies were found to be protective. A final engineered gas collection system was completed in 2002. Maricopa County issued an air quality permit to operate the system in the fall of 2002.

The second FYR was conducted in September 2005 and remedies were found to be protective. The Declaration of Environmental Use Restriction (DEUR) was finalized in July 2006. A Final Close-Out Report was completed by EPA and ADEQ on August 3, 2006 signifying the completion of all necessary remedial actions and institutional controls. ADEQ, EPA and COP worked together to achieve the goal of removing the site from the National Priorities List in September 2006. COP continues to operate and maintain the treatment system and submit quarterly groundwater monitoring reports and data as required in accordance with the ADEQ/COP CD CIV 91-0237 and the DEUR number 2919.



Linda Mariner,
Community Involvement Coordinator
1110 W. Washington Street, 4460C
Phoenix, AZ 85007-9973

**ANNOUNCING
THE START OF THE
5-YEAR REVIEW
OF THE
Delisted 19th Avenue
Landfill Superfund Site**

Publication Number: C 10-01

ANNOUNCING the Start of the 5-YEAR REVIEW of the Delisted 19th Avenue Landfill Superfund Site

HOW THE PUBLIC CAN GET INVOLVED

ADEQ plans to complete the review and submit a report to EPA by September 2010. **In an effort to better involve and inform the community, ADEQ would like to interview people who have knowledge of operations of the cleanup systems as well as members of the public who have information or concerns about on-going cleanup activities at the site.**

ADEQ has established the following days for conducting the interviews.

C.J. Jorgensen Elementary School

1701 W. Roeser Rd., Phoenix
Monday, February 8th – 8:30 a.m. to 3:30 p.m.
Tuesday, February 9th – 8:30 a.m. to 3:30 p.m.

ADEQ Office

1110 W. Washington St., Phoenix
Thursday, February 18th – 8:30 a.m. to 3:30 p.m.
Thursday, February 25th – 8:30 a.m. to 3:30 p.m.

Please contact Linda Mariner, ADEQ Community Involvement Coordinator, at (602) 771-4294 by February 5, 2010 to schedule an interview. Interviews can also be conducted by phone if needed.

SITE INFORMATION REPOSITORIES

ADEQ Records Management Center
1110 W. Washington St., Phoenix, AZ 85007
(602) 771-4830
Hearing impaired persons call
ADEQ's TDD line: (602) 771-4829

Burton Barr Public Library
1221 N. Central Avenue, Phoenix, AZ 85004
(602) 262-4636

For general comments and questions regarding the FYR for the Site, please contact:
Delfina Olivarez, ADEQ Project Manager
(602) 771-4710
e-mail: dco@azdeq.gov

In Arizona, outside the Phoenix area, call 1-800-234-5677. Hearing impaired may call TDD line at (602) 207-4827.

Information on this Site is also provided on the ADEQ Web page at:
www.azdeq.gov/environ/waste/sps/phxsites.html#19avea