



## Region 7

Iowa  
Kansas  
Missouri  
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## Fact Sheet

March 2005

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### Third and Final Five-Year Review Completed Aidex Corporation Superfund Site Council Bluffs, Iowa

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#### INTRODUCTION

The U.S. Environmental Protection Agency (EPA) conducts regular checkups, called five-year reviews, on Superfund sites where cleanups have been completed. These reviews are required by the Superfund law [42 U.S.C. § 9621(c)]. EPA Region 7 and the Iowa Department of Natural Resources (IDNR) completed their third and final five-year review of the Aidex Corporation Superfund site located near Council Bluffs, Iowa, on January 30, 2004.

The EPA and the IDNR conducted the five-year review to make sure the cleanup continues to protect human health and the environment.

Before the site cleanup, some soils were contaminated and contaminated ground water was migrating from the site. There was a possible risk to the public health through drinking water from nearby private wells that were contaminated.

Approximately 600 people live within 3 miles of the rural site. Forty-two shallow domestic water wells are located within a 2-mile radius of the site.

#### SITE BACKGROUND

The 15-acre Aidex Corporation site is a former pesticide formulation facility located in a rural area approximately 7 miles south of Council Bluffs. In 1976, a

fire destroyed a building on the site where the herbicide atrazine and various pesticides were formulated.

The water used to extinguish the blaze mixed with the atrazine and the pesticides. Its runoff caused the contamination of:

- the ground water and
- the soil surrounding the building.

A shallow aquifer underlies the site and was also contaminated by the chemicals. In 1980, Aidex filed for bankruptcy.

In 1981, when cleanup operations at the site began:

- approximately 3,400 drums of pesticides were stored in open areas on the site,
- a concrete pit within the destroyed building contained about 2 feet of contaminated water, and
- a large underground storage tank also held contaminated materials.

The removal of wastes to a secure landfill and the establishment of security measures at the Aidex Corporation site eliminated the potential for exposure to hazardous materials. Site cleanup was completed and the EPA deleted the site from the National Priorities List (NPL) on October 21, 1993.

## **FIVE-YEAR REVIEW**

In April 1998, the EPA and the IDNR completed the second five-year review of the Aidex Corporation Superfund Site. The first two reviews found the original remedies to still be protective of human health and the environment.

During this third five-year review, the EPA and IDNR did the following:

- inspected the site,
- studied information about the site including property ownership records,
- reviewed and evaluated the annual ground water monitoring records collected by IDNR, and
- inspected the security measures in place at the site to make sure it continues to be safe.

The assessment of this third five-year review found that the remedies continue to be protective of human health and the environment. EPA and IDNR made a recommendation that this be the final five-year review. To fully justify this recommendation, groundwater monitoring data collected by IDNR from May 1993 through November 2001, and data from samples collected by IDNR and EPA during the third five-year review site inspection in October 2003, were reviewed by a Region 7 Toxicologist in June 2004. The available groundwater monitoring data indicates that no hazardous substances, pollutants or contaminants remain at the site above levels that allow for unlimited use and unrestricted exposure. Therefore, it was concluded that no further five-year reviews will be conducted at the Aidex Corporation Site.

## **ADDITIONAL INFORMATION**

The five-year review report can be reviewed at the following locations:

Glenwood City Hall  
107 South Locust Street  
Glenwood, Iowa

Hours: Tuesdays and Thursdays  
8 a.m. to Noon and 1 p.m. to 5 p.m.

EPA Records Center  
901 N.5<sup>th</sup> Street  
Kansas City, Kansas

If you have questions or need more information on the Aidex Corporation Superfund Site or the five-year review process, please contact:

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