

SHAW AVENUE DUMP

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EPA ID# IAD980630560

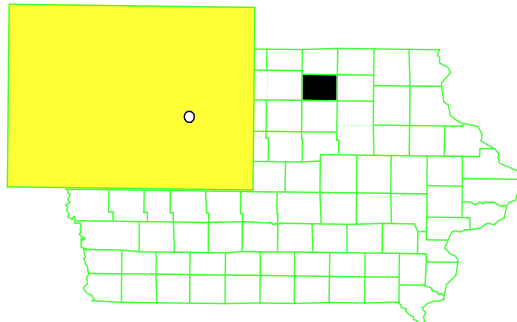
EPA Region 7

City: Charles City

County: Floyd County

Other Names:

05/20/2010



SITE DESCRIPTION

The Shaw Avenue Dump site, an 8-acre city dump, is located in southeastern Charles City, approximately 500 feet east of the Cedar River. The City owns the site and operated it as a municipal waste dump without a permit. Two areas in the northern half of the site were used from 1949 to 1953 to dispose of 14,000 to 28,000 cubic feet of arsenic-contaminated solid waste generated by Salsbury Laboratories in the production of animal pharmaceuticals. Sludge from the Charles City wastewater treatment plant, which received liquid wastes discharged from Salsbury, was placed in the northern waste cells and in an undefined area on the southern portion of the site. The northern disposal area is no longer in use and has been covered with soil and vegetated. Between the southern and northern areas, trenches were used for disposing of lime sludges from the drinking water treatment plant. The City and the public used this area for open burning of wastes. The site is located within a large residential area. A high school is located approximately 1,000 feet north of the site. Students use a stadium located within 500 feet of the northern waste disposal cells. One residence, 1,500 feet southeast of the site, uses a private well for domestic purposes. The Charles City municipal water supply system, two miles uphill of the site, serves 8,800 people. The Cedar River flows through Charles City and is used for recreational fishing, swimming, and canoeing.

Site Responsibility:

This site is being addressed through Federal, municipal, and potentially responsible parties' actions.

NPL LISTING HISTORY

Proposed Date: 09/18/85

Final Date: 07/22/87

Deleted Date:

THREATS AND CONTAMINANTS

The ground water and soils are contaminated with arsenic from the disposal site. The Cedar River also is contaminated with arsenic. Direct contact with contaminated soil, ground water, and surface water may pose a health risk. The site is surrounded by a fence with no-trespassing signs and a locked gate.

CLEANUP APPROACH

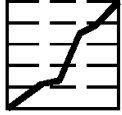
Response Action Status

Chemical Fill and Contaminated Soil: EPA began an investigation of the site and cleanup alternatives in 1987. The parties potentially responsible for site contamination took over the investigation in 1988 and completed it in late 1991. In early 1992, the potentially responsible parties began cleanup activities. The remedy initially called for stabilization of chemical fill and contaminated soil; however, treatability tests indicated that stabilization would not be effective. All contaminated materials have since been removed off site to a federally approved landfill. Cleanup of the contaminated soil and chemical fill was completed in early 1994.

Ground water: An additional ground water investigation was completed in 1998 and a Record of Decision for the ground water operable unit was completed in September 2000. This was a No Action Record of Decision because the removal of contaminated soils from the site reduced the risk of exposure in ground water. A five- year review was completed in 2005 and determined that the site is protective of human health and the environment. The 2010 five-year review is ongoing and will be completed as scheduled.

Site Facts:

ENVIRONMENTAL PROGRESS



The remedial action including the removal of contaminated soils from the Shaw Avenue site has reduced the risk of exposure to hazardous materials in groundwater. A five year review was completed in 2005 and the site was determined to be protective of human health and the environment. The next five year review will be conducted in 2010.

COMMUNITY INVOLVEMENT

Notifications are published in the *Charles City Press* .

7/89 - A Community Relations Plan was completed for the site.

12/88, 7/91, 3/92, 4/92, 8/00, 1/01, 3/05, 11/05 - Fact sheets were prepared and distributed to the site mailing list.

7/24/91 - A public hearing was convened at the City Hall in Charles City, Iowa, , to share the Proposed Plan for the soil cleanup with the local community.

7/12/91 - A public notice was placed in The *Charles City Press* to announce the public hearing for the Proposed Plan for soil cleanup.

9/4/00 - A public hearing was held to present the Proposed Plan for the ground water operable unit and a legal notice was placed in the local newspaper to invite the local community to the hearing.

3/05 - Fact Sheet announcing start of first five-year review. Display ad notification in the *Charles City Press* .

11/05 - Fact Sheet announcing availability of first five-year review report. Display ad notification in *Charles City Press*.

3/10 - Fact Sheet announcing start of second five-year review. Display ad notification in the *Charles City Press*.

SITE REPOSITORY



Charles City Public Library, 106
Milwaukee, Charles City, IA 50616

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-7166

REGIONAL CONTACTS

SITE MANAGER:

E-MAIL ADDRESS:

PHONE NUMBER:

Shelley Brodie/SUPR/R7/USEPA/US

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(913) 551-7706

COMMUNITY INVOLVEMENT

COORDINATOR:

PHONE NUMBER:

E-MAIL ADDRESS:

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STATE CONTACT:

PHONE NUMBER:

Robert Drustrup

(515) 281-8900

MISCELLANEOUS INFORMATION

STATE:

IA

078P

CONGRESSIONAL DISTRICT:

02

EPA ORGANIZATION:

SFD-SUPR/MOKS

MODIFICATIONS