

**WHITE FARM EQUIPMENT  
CO. DUMP**

**IOWA**

**EPA ID# IAD065210734**

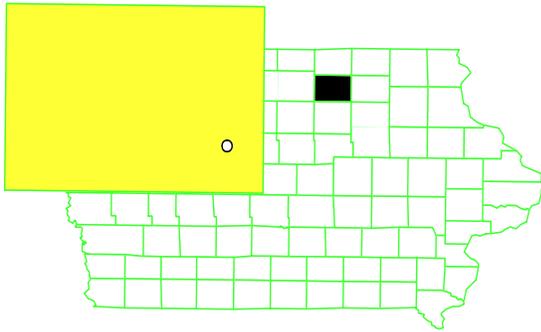
**EPA Region 7**

**City: Along the northern boundary of  
Charles City**

**County: Floyd County**

**Other Names:**

**04/08/2009**



**SITE DESCRIPTION**

The White Farm Equipment Company Dump site occupies approximately 20 acres along the northern border of Charles City. The site is located in an old sand and gravel pit that is bordered by low-lying areas and farmland. Tractors and other farm equipment have been manufactured near the site since the early 1900s. White Farm Equipment Company operated on land leased from H.E. Construction Company until it filed for bankruptcy in 1980. Allied Products Company purchased the operation in late-1986. Starting in the 1920s, White Farm Equipment Company's operations generated foundry sand, sludges, and dust from air pollution control equipment. Beginning in 1971, the plant intermittently disposed of foundry sands, baghouse dust, and other industrial wastes at the site. Approximately 650,000 cubic yards of these wastes were placed on site. Nearby residents have complained of dust blowing off the site. Charles City draws its drinking water from an aquifer underlying the White Farm Equipment Company site. There are approximately 10,000 people living within 3 miles of the site who use drinking water from public and private wells located within three miles of the site, and 2,300 people live within a one-mile radius of the site. Any contamination from the site would flow into the Cedar River, which is used for recreational activities.

**Site Responsibility:**

This site was addressed through federal and potentially responsible parties' actions.

**NPL LISTING HISTORY**

<b>Proposed Date:</b>	06/24/88
<b>Final Date:</b>	08/30/90
<b>Deleted Date:</b>	10/30/2000

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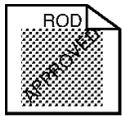
## THREATS AND CONTAMINANTS

Heavy metals including arsenic, chromium, copper, lead, nickel, and zinc and volatile organic compounds (VOCs) from the former waste disposal practices were contaminating the ground water. Sediments, soils, and surface water contained heavy metals. Accidentally ingesting or coming into direct contact with contaminated ground water, surface water, soil, or sediments could have posed a health threat. The Cedar River wetlands may also have been at risk from contaminants.

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## CLEANUP APPROACH

### Response Action Status



#### Site Studies:

**Remedy Selected:** EPA chose a compacted soil and vegetative layer cap as the final cleanup remedy in 1990.



**Cleanup Ongoing:** The potentially responsible parties began construction of the compacted soil and vegetative layer cap in mid-1994, and completed construction in mid-1995.

#### Site Facts:

In 1989, EPA and two parties potentially responsible for the contamination signed an Administrative Order on Consent. In that Order, one of the parties agreed to take responsibility for the site investigation to determine the nature and the extent of the contamination. In 1991, a Consent Decree was signed by the party to design and perform site cleanup. The Consent Decree also required sampling of

ground water. The initial round of sampling indicated no contamination in the ground water. A second round of sampling confirmed the original results. Ground water sampling was conducted again in June 1999. The PRP submitted ground water sampling results with their progress report in November 1999. A five-year review of the site was conducted in 1999, five years following the initiation of construction of the remedial action. The second five-year review of the site included ground water monitoring and a site inspection and was completed in 2004. Both the 1999 and 2004 five-year reviews of the site were found to be protective of human health and the environment. The next five-year review is underway, and is scheduled for completion by fall, 2009.

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## ENVIRONMENTAL PROGRESS



All construction at the site is complete. Capping the landfill at the White Farm Equipment Company site has addressed the threats posed by the site to human health and the environment. The first five-year review of the site was conducted in 1999, and the second five-year review occurred in 2004. The site was found to be protective of human health and the environment at the time of both reviews. The second five-year review was completed in 2004. The site was deleted from the National Priorities List (NPL) in October, 2000.

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## COMMUNITY INVOLVEMENT

7/87 - Fact sheet re: Site History  
1/88 - Community Relations Plan Interviews  
2/88 - Draft Community Relation Plan  
10/88 - Fact sheet re: National Priorities List listing  
1/89 - Fact Sheet re: White Farm Equipment Company Dump  
6/89 - Final Community Relations Plan  
8/89 - Fact sheet re: EPA Preparing to Oversee Field Investigation  
6/90 - Fact Sheet re: Final Rules for Treatment, Storage, and Disposal Facilities  
7/90 - Fact Sheet re: Proposed Plan and Public Meeting  
7/90 - Public Meeting re: To give information and receive comments for Proposed Plan  
12/90 - Fact sheet re: ROD  
9/00 - Notice of Deletion from NPL  
3/04 - Fact Sheet announcing start of second 5-year review. Display ad notification in *Charles City Press* .  
2/05 - Fact Sheet announcing availability of second 5-year review report. Display ad notification in *Charles City Press*.

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## 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

<b>SITE MANAGER:</b>	Shelley Brodie
<b>E-MAIL ADDRESS:</b>	brodie.shelley@epa.gov
<b>PHONE NUMBER:</b>	(913) 551-7706
<b>COMMUNITY INVOLVEMENT COORDINATOR:</b>	Fritz Hirter
<b>PHONE NUMBER:</b>	(913) 551-7130
<b>E-MAIL ADDRESS:</b>	hirter.fritz@epa.gov
<b>STATE CONTACT:</b>	Robert Drustrup
<b>PHONE NUMBER:</b>	(515) 281-8900

## MISCELLANEOUS INFORMATION

<b>STATE:</b>	IA
	077H
<b>CONGRESSIONAL DISTRICT:</b>	04
<b>EPA ORGANIZATION:</b>	SFD-MOKS/SUPR

## MODIFICATIONS

<b>Created by:</b>	Karla Asberry/SUPRFUND/R7/US EPA/US	<b>Created Date:</b>	10/02/97 09:18 AM
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