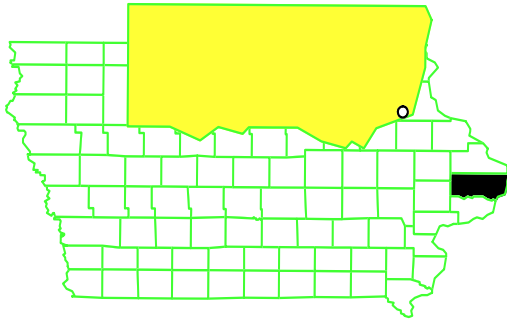


**LAWRENCE TODTZ  
FARM**  
IOWA  
EPA ID# IAD000606038

EPA Region 7  
City: 1 mile west of Camanche  
County: Clinton County  
Other Names: DuPont Company Landfill

04/08/2010



## SITE DESCRIPTION

The Lawrence Todtz Farm site is located in a predominantly agricultural area of Clinton and covers slightly over 13 acres. Municipal solid waste and industrial solid and liquid wastes were disposed of at the site from 1958 to 1975. The E.I. DuPont de Nemours Company's cellophane plant buried 4,300 tons of liquid waste at the site from 1972 to 1975. The wastes were reported to include strong acids and bases, plasticizers, resins, alcohols, inorganic salts, paints, and pigments. The site was closed in 1975 and capped with approximately 2 feet of "red sugar" clay and topsoil overlay. One hundred people live within 1 mile of the site. Within ¼ mile of the site are 20 farmhouses with private wells for drinking water. Murphy's Lake (formerly Willow Lake) and Bandixen Lake, located near the site, are used for recreational activities such as fishing and swimming. Two chemical industrial plants are located within a mile of the landfill. One of these plants is no longer in operation. Evidence of deer, raccoon, and cattle has been seen on the site and wild geese were observed on the site and the surrounding lakes.

### Site Responsibility:

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

### NPL LISTING HISTORY

**Proposed Date:** 09/18/85

**Final Date:** 06/10/86

**Deleted Date:**

## THREATS AND CONTAMINANTS

Ground water samples from on-site monitoring wells detected heavy metals including arsenic, barium, and lead; sodium; and volatile organic compounds (VOCs) including tetrahydrofuran, benzene and toluene from the former waste disposal activities on the site. Sodium was detected at levels above health guidelines in ground water samples collected from area residential wells. Wildlife at and near the site could have been threatened. Contamination of surface water (on-site ponds and nearby lakes) could have occurred if there had been a release from the impoundment, because the lakes are hydraulically connected to the shallow sand and gravel aquifer.

## CLEANUP APPROACH

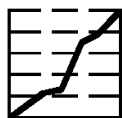
### Response Action Status

Entire Site: In November 1988, EPA signed a Record of Decision which specified the remedial actions to be implemented at the site. Under EPA's oversight, the potentially responsible parties (PRPs) have implemented these actions. The PRPs installed an alternate water supply that included drilling a new well to supply water to two area residences. This was completed in the summer of 1989. The PRPs also graded the site area, constructed a 2-foot soil cover over the impoundment, and installed a ground water monitoring system. These activities were completed in 1991. Monitoring of the impoundment and municipal landfill will continue to ensure the long-term effectiveness of the cleanup activities. Further actions, including cleanup of the impoundment and ground water pumping and treating, will be implemented, if ground water monitoring detects contaminants exceeding specific action levels. In June 2007, an Environmental Covenant was placed on the site property that implemented certain restrictions as follows: 1) The site cannot be used for residential or agricultural purposes; 2) No new wells for consumption or irrigation purposes can be constructed onsite; and 3) No excavation can be conducted on the site except for landscape or maintenance purposes unless approved in advance by EPA.

**Site Facts:** In November 1990, a Consent Decree between the EPA and the PRPs was entered in court. Under this Decree, the PRPs agreed to complete the remedial action and perform long-term cleanup of the site.

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## ENVIRONMENTAL PROGRESS



All construction at the site is complete. The installation of an alternate water source, the construction of a 2-foot soil cover, and the construction of a ground water monitoring system with chemical-specific action levels have significantly reduced the potential for exposure to contaminated soil and ground water at the Lawrence Todtz Farm site. A Five-Year Review was conducted for this site in September, 1995. The second Five-Year Review was completed in September, 2000. The third Five-Year Review was completed in September, 2005. One of the major issues of this Five-Year Review is that arsenic, one of the main contaminants of concern of the site, has had a change in the maximum contaminant level (MCL) from 50 micrograms per liter (ug/l) to 10 ug/l. The conclusion of the Five-Year Review is that the remedy remains protective in the short-term. However, additional evaluation is needed to determine the protectiveness of the remedy in the long-term. The evaluation conducted to date, which includes ongoing ground water monitoring, indicates that the remedy remains protective because the ground water results continue to indicate that no site-related contaminants exceed the Safe Drinking Water Act Maximum Contaminant Levels downgradient of the site. Surface water sampling including sampling of two local ponds, was conducted in 2009. The fourth Five-Year Review is due in 2010.

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## COMMUNITY INVOLVEMENT

EPA ensures community members know about and participate in site issues and activities. Region 7 has assigned an EPA Community Involvement Coordinator to the site to answer community member/elected official/media questions and concerns; made the community aware of the Superfund Technical Assistance Grant; conducted community interviews; implemented a community involvement plan; briefed community members, elected officials and the media on site activities; held public meetings and/or public availability sessions; developed/mailed site specific fact sheets; published display ads in local newspapers; and in some cases facilitated the community in forming community advisory groups. The community involvement activities have been on-going since the site was proposed to the NPL.

10/00 - Fact Sheet to announce completion of second 5-year review.

2/05 - Fact Sheet to announce start of third 5-year review. Display ad in the *Clinton Herald* .

11/05 - Fact sheet announcing availability of the third Five-Year Review Report. Display ad 11/14/05 in the *Clinton Herald* .

12/09 - Fact Sheet announcing the start of the fourth Five-Year Review. Display ad 12/14/09 in the *Clinton Herald* .

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## SITE REPOSITORY



Clinton Main Library  
306 Eighth Avenue, South  
Clinton, IA 52732  
Camanche Public Library  
102 12th Avenue  
Camanche, IA 52730

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:**

Nancy Swyers  
swyers.nancy@epa.gov  
(913) 551-7703

**COMMUNITY INVOLVEMENT  
COORDINATOR:**

**PHONE NUMBER:**

**E-MAIL ADDRESS:**

Fritz Hirter  
  
(913) 551-7130  
hirter.fritz@epa.gov

**STATE CONTACT:**

**PHONE NUMBER:**

Calvin Lundberg  
(515) 281-7040

## MISCELLANEOUS INFORMATION

**STATE:**

IA  
07X7

**CONGRESSIONAL DISTRICT:**

01

**EPA ORGANIZATION:**

SFD-IANE/SUPR

## MODIFICATIONS