

**INDUSTRIAL WASTE CONTROL
ARKANSAS**



**EPA REGION 6
CONGRESSIONAL DISTRICT 03
Sebastian County
Contact: Shawn Ghose 214-665-6782**

**EPA ID# ARD980496368
Site ID: 0600163**

Updated: March 2009

No change of status anticipated until September 2009.

The Site was Deleted from the NPL in April 2008. However PRPs collected samples in March 2009 to satisfy the plans laid out in the Deletion package.

Current Status and Issues

- The 3rd Five Year Review was signed on September 27, 2007.
- The remedial action was completed in 1991 and the site is currently in the 30 year operation and maintenance phase. The Industrial Waste Control Steering Committee (group of PRPs that implemented the remedy) purchased the site and some surrounding areas to assure site access for continued monitoring and maintenance.
- A Site Close Out Report was issued by EPA in 1992.
- The first Five Year Review report was approved by EPA in 1996.
- The 2nd Five Year Review was completed on July 19, 2002
- A public notice of the 2nd Five Year Review was placed in the Ft Smith Times Record on December 31, 2002.

Benefits

- Approximately 5000 gallons of highly toxic liquid waste were incinerated at an off-site facility.
- About 2000 cubic yards of highly contaminated soil was stabilized on-site.
- Future degradation of ground water is prevented by a slurry wall, French drain, and multilayer Resource Conservation and Recovery Act (RCRA) cap containment system.
- The removal of contaminated materials, the installation of barriers to prevent water movement and other cleanup actions have eliminated the threat to human health and the environment from the Industrial Waste Control site.

Site Description

- Location: Eight miles southeast of Fort Smith, Sebastian County, Arkansas near Jenny Lind, 1/4 mile off Bonanza Road.
- Population: Approximately 750 people live in the vicinity of the site.
- Setting: Nearest residence and well are approximately 200 feet from the site.
- Local residents are connected to the county water supply system.
- Hydrology: Four ground water bearing zones consisting of two artesian zones, a perched unit and an unconfined system.

Wastes and Volumes

- Principal Pollutants:
 - Methylene chloride
 - Toluene
 - Polynuclear Aromatic Hydrocarbons (PAHs)
 - Heavy metals, including nickel, chromium, and lead
- Volume: Several hundred buried drums and several thousand cubic yards of contaminated soil.

Site Assessment and Ranking

NPL LISTING HISTORY
Site HRS Score: 30.31
Proposed Date: 12/30/82
Final Date: 9/08/83
NPL Update: Original

Site Map



The Remediation Process

Site History:

- Landfilling began in the late 1960s or early 1970s. Used for municipal refuse and construction debris.
- Industrial landfill permitted by state from 1974-1978.
- The facility was closed in 1978 and the landfill area was covered and graded.

Health Considerations:

- An overflow in 1979 allegedly killed some fish.
- Cancer risk from exposure to soil contaminants.
- Toxic effects from metals on children through ingestion of soil.
- Residential wells occasionally used for domestic purposes.

Other Environmental Risks:

- Deterioration of buried drums may contribute to pollutant migrate via run-off.

Record of Decision

Signed: June 28, 1988

Remedy: Off-site disposal of liquid-filled drums, solidification/stabilization of contaminated soil, slurry wall, French drain and multilayer cap.

<u>Other Remedies Considered</u>	<u>Reason Not Chosen</u>
1. No Action	Does not protect public health or the environment
2. Containment, rigid barrier	Constructability of rigid barrier in mine void is questionable
3. Containment with on-site incineration	Provides same level of protection as selected remedy but costs three times as much.
4. RCRA vault	Provides same level or protection as selected remedy, but higher cost.
5. On-site incineration	Higher short term risks; high cost.

Community Involvement

- Community Involvement Plan: Developed 04/84, revised 02/89
- Open houses and workshops: 12/90
- Original Proposed Plan Fact Sheet and Public Meeting: 06/86, revised 04/88
- Original ROD Fact Sheet: 07/88
- Milestone Fact Sheets: 04/89, 09/89, 01/90, 08/90, 01/91, 7/94
- Citizens on site mailing list: 94
- Site Repository: Fort Smith Public Library

Technical Assistance Grant

- Availability Notice: 02/89
- Letters of Intent Received: None
- Final Application Received: N/A
- Grant Award: N/A

Contacts

- Remedial Project Manager (EPA): Shawn Ghose, M.S., P.E., 214/665-6782, Mail Code: 6SF-AP
- State Contact: Jerry Neill, ADEQ [501] 682 0846
- Community Involvement (EPA): Shawn Ghose, EPA Toll Free Telephone no. 1-800-533-3508
- Attorney (EPA): Unassigned
- State Coordinator (EPA): Kathy Gibson 214/665-3139, Mail Code 6SF-AP
- Prime PRP Contractor: IT Corporation O&M managed by McCkeeson Corp
- Public Liaison (EPA): Donn R. Walters, 214-665-6483