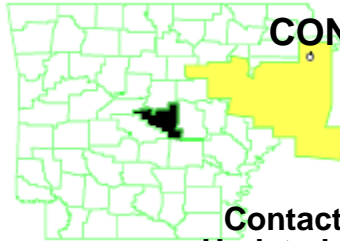


**JACKSONVILLE  
MUNICIPAL LANDFILL  
ARKANSAS**

**EPA ID# ARD980809941  
Site ID: 0600236**



**EPA REGION 6  
CONGRESSIONAL DISTRICT 1  
Loanoke County**

**Other Name: Graham Road Landfill**

**Contact: Shawn Ghose (214) 665-6782  
Updated: October 2009**

**The Site was deleted from the National Priorities List on March 14, 2000.**

**No change of status anticipated until September 2010.**

### **Current Status**

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- EPA signed the Preliminary Closeout Report and conducted a ribbon-cutting ceremony signifying construction completion on September 25, 1995.
- EPA signed the Closeout Report on April 30, 1996.
- Deed restrictions, to keep residents from disturbing the soil cover in the excavated areas and from using the onsite ground water were filed in August 1999.
- The first Site Five-Year review was issued on September 27, 2000.
- The Second Five-Year Review was completed on September 29, 2005

### **Benefits**

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- Excavation of all hazardous substances at the site has eliminated the potential for exposure to contaminants at the Jacksonville Landfill.
- Access to the site will remain restricted and the City will continue to conduct operation and maintenance activities.
- Had the site not been cleaned up, it would have continued to act as a source of soil contamination and a potential source of ground water contamination.
- The city intends to use the land, possibly for community purposes.

### **Site Description**

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**Location:** On Graham Road east of Jacksonville, Arkansas, just inside the Pulaski County line. North of Little Rock. The Rogers Road Landfill site is located approximately 2 mile to the west.

**Population:** Estimated at 10,000, within three miles of the site.

**Setting:**

- \* An estimated 10,000 people draw drinking water from public and private wells.
- \* A private water well is 500 feet from the site.
- \* The site encompasses approximately 40 acres of an 80-acre tract of land and is used for recreational purposes, such as hunting.
- \* In addition to municipal waste, drums of industrial wastes were illegally dumped in the landfill.
- \* On-site soil and drums were contaminated with 2,3,7,8-tetrachlorodibenzo (P) dioxin (2,3,7,8-TCDD), 2,4-D, 2,4,5-T, and 2,4,5-TP.

**Hydrology:** Deposits underlying the site are composed of silty clay to about 80 feet.

Ground water and surface water flows are to the southeast.

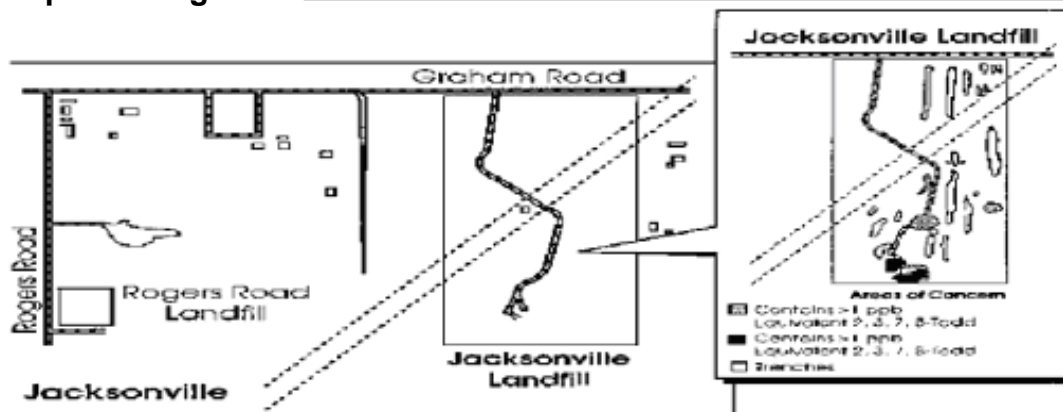
## Wastes and Volumes

- The principal pollutants at the Jacksonville Municipal Landfill included 2,3,7,8-TCDD (dioxin), and herbicides (2,4-D, 2,4,5-T and 2,4,5-TP).
- 498 cubic yards of contaminated soil and 22 drums of hazardous materials were excavated during the site remediation.
- Contamination was confined to four isolated drum pile locations. There is no off-site contamination.

## Site Assessment and Ranking

NPL LISTING HISTORY  
Site HRS Score: 29.64  
Proposed Date: 01/22/87  
Final Date: 07/22/87  
NPL Update: No. 6

## Site Map and Diagram



## The Remediation Process

### Site History:

- The City of Jacksonville purchased the site in June 1960 and operated it as a municipal landfill until 1973.
- Industrial and municipal wastes were at first burned and then later dumped into unlined trenches. No cover was applied at the end of the day.
- The Site was closed in July 1973, when the Arkansas Department of Pollution Control and Ecology (ADPC&E), now know as the Arkansas Department of Environmental Quality, refused to grant a landfill permit due to the high water table and poor drainage.
- In early 1986, the City of Jacksonville fenced the site to prevent public access.

## Health Considerations:

- Potential for direct contact.
- Potential for contamination of residential wells.

## Record of Decision

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**Signed: September 27, 1990**

- The remedy selected for the Jacksonville Municipal Landfill included excavation of the on-site waste material, thermal treatment and ash disposal of this material at the Vertac Chemical Corp., capping of residual waste on-site, long term ground water monitoring and site maintenance.

### Other Remedies Considered

### Reason Not Chosen

- |                                    |   |
|------------------------------------|---|
| 1. No action                       | Not protective  |
| 2. Capping                         | Not permanent, does not satisfy EPA's preference for treatment.       |
| 3. Off-site thermal destruction    | No commercial facility presently permitted to accept dioxin waste.    |
| 4. Thermal destruction at landfill | Less secure location than at landfill Vertac; not industrially zoned. |

## Community Involvement

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- Community Involvement Plan: Developed 11/88.
- Open houses and workshops: Open house 7/88; Update 11/88 and 3/89; Open house and Update 7/89; Update 12/89; Update 5/90; Update 6/94.
- Original Proposed Plan Fact Sheet and Public Meeting: 07/90.
- Original Record of Decision (ROD) Fact Sheet: 10/90.
- Milestones: Satellite Office Open 7/90 - Continuing Community Outreach/Contact.
- Remedial Design/Remedial Action (RD/RA) Public Meeting, 8/94
- Citizens on site mailing list: 250
- Constituency Interest: Highly organized community interest (PACCE, FUSE, ACCA, ECA, AA, NAACP, Greenpeace, JPWP, AARF). Elected officials at all levels are keenly aware of and interested in this site.
- Site Repository: Jacksonville City Hall
- Community Relations for this site are also accomplished through Vertac Chemical site outreach.

## Technical Assistance Grant

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- Original Availability Notice: 4/88, 1/92
- Letters of Intent Received:
  - 1) Jacksonville People With Pride Cleanup Coalition (JPWPCUC)
  - 2) Vertac Area Citizens Group
  - 3) Friends United for a Safe Environment
  - 4) People Against Chemically Contaminated Environment
- Final Application received: 02/22/89
- Grant Award: 05/18/89 to JPWPCUC
- Budget Period: 04/05/93-04/04/95
- Current Status: Grant award to JPWPCUC was annulled 12/91 due to apparent conflict of interest.

- Availability re-advertised 01/92
- Letters of Intent received:
  - 1) Jacksonville Superfund Oversight Committee
  - 2) People Against a Chemically Contaminated Environment
  - 3) Jacksonville Superfund Cleanup Coalition
  - 4) Concerned Citizens Coalition (CCC)
- Final Application Received: 2/24/93
- Grant Award: 04/05/93 to CCC
- Budget Period: 04/05/93-04/04/96
- Grantee: Concerned Citizens Coalition, Inc. (CCC) Bob Johnson, President, Jacksonville, AR
- Technical Advisor selected 9/94, ECO, Inc., contract signed 12/94, terminated 12/95.
- Second Technical Advisor, Carlisle Consulting, Inc., selected 3/96, document reviews and input to remedy selection resumed.
- Current Status: Significant effort and outreach by EPA resulted in consolidation of competing groups onto the CCC Board of Directors. All funds disbursed and grant closed out.
- Another TAG awarded to CCC
- Grant Award: 04/05/96 to CCC
- Budget Period: 04/05/96-04/04/99
- Tag expired 04/04/99. TAG is currently being closed and deobligated.

## Contacts

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- Remedial Project Manager (EPA): Shawn Ghose M.S., P.E., 214-665-6782, Mail Code: 6SF-AP
- State Contact: Brian Wakelyn (ADEQ), 501-682-0845
- Community Involvement (EPA): Shawn Ghose M.S., P.E., 214-665-6782, Mail Code: 6SF-AP
- State Coordinator (EPA): Kathy Gibson, 214-665-3139, Mail Code: 6SF-AP
- Prime Contractor: RD/RA - U.S. EPA TAT Team, Ecology & Environment
- Public Liaison (EPA): Donn R. Walters, 214-665-6483
- EPA Toll Free Telephone No. 1-800-533-3508

## Enforcement

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- RD/RA Special Notice Letters issued 1/88.
- Consent Decree (CD) between EPA and one settling PRP entered 5/94.
- CD covered excavation and off-site treatment of site waste.