



# Watershed Protection Development Review



2009 5 20

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<http://www.cityofaustin.org/watershed/rosewood.htm>

# Rosewood Site

- City is committed to project
- Thorough evaluation and testing was done
- Community concerns are important to us



# Watershed Protection Development Review

## Rosewood Site

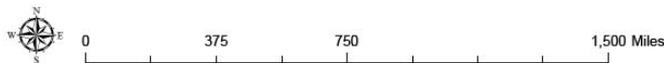
History

Testing

Results

Remediation

# Rosewood Site in Homewood Heights



This map has been produced by the Watershed Protection and Development Review Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

# Site

- Homewood Heights Neighborhood
- 2.3 acres of City owned property
- Designated for drainage purposes and park use
- Surrounded by private property
- Mostly wooded with a natural spring







# History

- Spring 2007 citizen's request for help with historical dumping
- Cleanup
  - 70 tons of trash and debris
  - 25 dump truck loads
  - Easter Seals











# Material of Concern

- Ash, melted metal and broken glass
- Possible incinerator waste
- Environmental and health concerns
- Fenced off area, posted signs and distributed public notice



**STOP**

**Public Access**

**Prohibited**

**UNSAFE AREA**



**974-2550**





# Testing

- Initial samples of material detected lead, arsenic and DDT
- Further testing revealed boundaries extended to private property
- Tested private property
- Testing funded by City and EPA Brownfields



# Health concerns

- Lead – paint, old tin cans, plumbing, car batteries
- Arsenic - used in pesticides and wood treatment
- DDT, DDE – banned pesticide
- Dieldrin – pesticide

# Austin Guide to Lead

## *Austin guide to...* **LEAD** *contamination*

Lead is a bluish-gray metal that is found naturally in our environment. Lead has been used over the years in many products including car batteries, gasoline, paint and pipes. Because of health concerns, the federal government has regulated the use of many lead products in the last thirty years.



### *How are we most typically exposed?*

- Direct exposure to lead dust from chipping or peeling lead-based paint (in homes built before 1978) or lead-based pottery
- Drinking water that has been contaminated by old plumbing containing solder
- Lead dust and contaminated soil from products containing lead that have been disposed of in landfills and dumping sites (US EPA recommends further evaluation of residential soil that exceeds 400 parts per million of lead)
- Folk remedies and herbal medicines that contain lead
- Exposure to lead at work or through hobbies



**Texas Department of State Health Services**

974-2550

# Results

- Construction and demolition debris
- Burned material
- Informed residents of the results
- Map of material boundaries

# Remediation

- Goal is to make area safe
- Hire remediation design contractor
- Options-remove/cover all material
- Comply with State regulations
- Timeline



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