

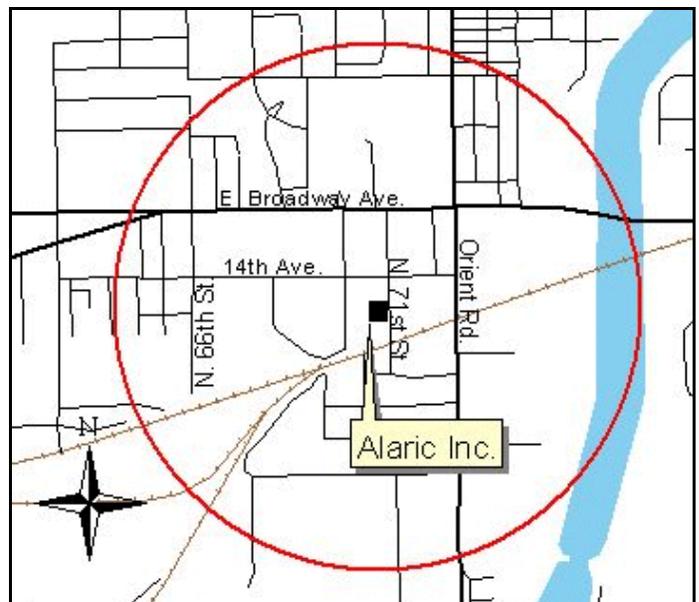
Alaric, Inc.
HAZARDOUS WASTE SITE
2110 North 71st Street, Tampa

**Draft Public Health Assessment Report Available for Public Comment-
Deadline for Comments December 31, 2000**

In February 2000, the Environmental Protection Agency (EPA) proposed the Alaric, Inc. site to the national priorities list (NPL) of hazardous waste sites. In response, the Florida Department of Health (FDOH) conducted a public health assessment. The FDOH is now providing a draft of the health assessment report for public comment.

In a public health assessment, the FDOH examines the potential chemical threats at a site. The FDOH then estimates the likelihood that these threats will cause illness. This fact sheet summarizes the findings of the health assessment. It also serves to gather community concerns. The deadline for comments is December 31, 2000.

In the draft report, FDOH makes the following conclusions: **First**, the Alaric, Inc. site is not an apparent health hazard. **Second**, the groundwater contains solvents but is not used by area residents. **Third**, the contamination is unlikely to affect the municipal water supplies. These supply most area residents with drinking water. The city gets their water from several wells over one-half of a mile from the site. **Fourth**, since surface soil does not contain any contaminants, soil exposure is unlikely to cause illness. In addition, it is unlikely that the site has affected the air quality in the area.



Alaric, Inc.- Tampa (0.5 mile radius)



Chemicals of Concern at the Alaric, Inc. site

1, 2- Dichloroethylene
Tetrachloroethylene
Trichloroethylene
Vinyl chloride

FDOH's Major Recommendations at the Alaric, Inc. Site

- ✓ Restrict the installation of new drinking water wells within a one-half mile radius south of the site
- ✓ Continue to monitor the movement of contaminated groundwater

Site Information

The Alaric, Inc. site is at 2110 North 71st Street in the Orient Park section of Tampa. The fenced property occupies 1.72 acres. One office building lies on the central part of the site. The north part of the site is paved and is used for parking.

From 1973 to 1981, Concrete Equipment and Supply repaired concrete equipment. From 1981 to 1986, two businesses shared the property. Alaric, Inc. recycled plastics and made acrylic coatings. Dana Marine Labs distributed marine varnishes and lacquers. An aluminum company now occupies the property. The nearest homes are north of the site and receive municipal water service.

The Problem

This site came to the attention of the Florida Department of Environmental Protection (FDEP) in 1986, when the Hillsborough County Health Department detected solvents in the on-site well. In response, the City of Tampa extended municipal water service to nearby residences and the property owner closed the on-site well.

The FDOH Investigation

In 1998, the FDEP collected more soil and groundwater samples. The FDEP found that surface soil does not contain any hazardous contaminants. Only deep soil and groundwater contain elevated levels of tetrachloroethylene. The FDEP also detected vinyl chloride in off-site groundwater. The FDEP determined that the groundwater flows south, away from the nearest homes.

Since surface soil contains no contaminants and no air quality data exists, the FDOH only evaluated groundwater use as a likely exposure pathway. The FDOH concludes that regular use of contaminated groundwater could deliver a dose of tetrachloroethylene similar to the dose that caused hyperactivity in mice. The effects of this amount of tetrachloroethylene in humans are not known. Regular groundwater use could also cause effects on the liver, due to vinyl chloride, a liver toxin and carcinogen. However, area residents do not currently use this contaminated groundwater. Rather, the area residents use city water from uncontaminated wells.

The FDOH classifies this site as a “no apparent health hazard”. This is because no completed exposure pathways exist. Surface soil does not contain any contaminants. Deep soil contains tetrachloroethylene, but this soil is not accessible. Groundwater flow is to the south, away from the nearest homes. Area residents receive their water from uncontaminated wells.

The FDOH follows these steps in completing a public health assessment:

1. Determine which chemicals are present above guideline levels
2. Determine if and how people are exposed
3. For each chemical, estimate the maximum possible dose for each exposure pathway
4. Evaluate whether the dose of each chemical could cause illness



The FDOH has placed a copy of the draft Public Health Assessment in the 78th Street Community Library (7625 Palm River Rd., Tampa, 813-612-9123) and the Seffner-Mango Branch Library (11724 MLK, Jr. Blvd., Tampa, 813-276-2606). Both libraries are within 5 miles of the site. You may read it there or make a copy. You may also obtain a copy from the FDOH by calling toll-free (877) 798-2772 (M-F, 8 to 5).

The U.S. ATSDR funds 100% of Florida’s Public Health Assessment and Education Program, including this document, at a cost of approximately \$0.50 each.

WHAT THE FDOH/ATSDR DO

- ◆ We assess chemical health threats at a site.
- ◆ We do human Exposure Investigations.
- ◆ We use the soil, water, and air data collected by other agencies, such as EPA.
- ◆ We examine health risks from each chemical at each site.
- ◆ We advise the public on our findings and recommendations.
- ◆ We advise other agencies, such as EPA, on health issues.
- ◆ We educate communities and their healthcare professionals about our findings.

WHAT WE DO NOT DO

- ◆ We do not make or enforce laws or rules concerning hazardous waste.
- ◆ We do not provide medical services.
- ◆ We do not provide funds for cleanup or for relocating people.
- ◆ We usually do not collect environmental samples.

MAIL COMMENTS BY 12/31 TO:

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