

**United States Environmental Protection Agency
Region IV
POLLUTION REPORT**

Date: Thursday, May 22, 2008

From: Art Smith

Subject: Removal Actions Continue
Kentucky Wood Preserving
200 Magnolia Street, Winchester, KY
Latitude: 38.0033333
Longitude: -84.1781117

| | | | |
|--------------------------|------------------------|----------------------------|----------------|
| POLREP No.: | 10 | Site #: | A4QP |
| Reporting Period: | 4/17/2008 to 5/13/2008 | D.O. #: | |
| Start Date: | 3/26/2008 | Response Authority: | CERCLA |
| Mob Date: | 3/26/2008 | Response Type: | Time-Critical |
| Demob Date: | | NPL Status: | Non NPL |
| Completion Date: | | Incident Category: | Removal Action |
| CERCLIS ID #: | | Contract # | |
| RCRIS ID #: | | | |

Site Description

See POLREP #1 for details.

Treatment Building A is designated as the building area where operations occurred from the 1950s to the early 1980s.

Treatment Building B is designated as the building area where operations occurred from the mid 1980s till 2006.

Current Activities

1) Treatment Building B is removed leaving the contaminated tanks and pressure vessel. Air sampling for airborne arsenic is being conducted with two particulate sampling instruments and an air particle collection instrument at Treatment Building B area. Dust suppression methods were used to prevent off-site releases.

2) Channelized and graded clean stormwater runoff ditch away from site.

3) Treatability study at the outfall structure was determined to not be necessary. Results from the water sample of the outfall structure were nondetectable for arsenic. See analytic results posted under documents link.

4) Met with the owner and tenants of residential property adjacent to the site to coordinate with owner and tenants for residential property excavation. EPA hand delivered sampling result letter with arsenic fact sheet. The letter and factsheet were also mailed to the owner of the property on April 22, 2008.

Tenants are receiving relocation benefits and were temporarily relocated on May 13.

5) Tour the Freeman Corporation facility to determine how pressure vessel fits into their operation.

6) Sample front and backyard of residential property adjacent to site to determine if contamination migrated from site onto property. Property was not sampled during the assessment. The property appears to be located within the spill pathway from the old treatment building.

The front yard's result is 21ppm.

The back yard's result is 19ppm.

7) Send off scrap metal from Treatment Building B for recycling.

8) At the request of the Winchester Municipal Utilities, sealed and abandoned the sanitary sewer line from Treatment Building A.

9) Decon drip track with pressure washer. CCA residue may still be on drip track. Further review will be necessary to determine if the drip track is considered a hazardous waste.

Planned Removal Actions

1) Excavate soils from one residential property adjacent to the site.

2) Remove contaminated pressure vessel from platform of Treatment Building B and stage onto drip pad.

3) Remove and decon tanks from the Treatment Building B.

4) Fill in the pressure vessel containment pit. Any remaining CCA wastewater/sludge will be removed and disposed of as a listed hazardous waste.

5) Remove and dispose of concrete drip pad.

Key Issues

After discussions with Region 4's Technical Services Section, crawl spaces of residential properties will not be sampled due to the following reasons:

1) Lack of exposure to human health.

2) Arsenic concentrations found in the backyard are not expected to leach.

Disposition of Wastes

| Waste Stream | Quantity | Manifest # | Disposal Facility |
|-------------------------|-----------------|-------------------|---------------------------------|
| CCA Wastewater | 35,000 gallons | | Heritage Environmental Services |
| Nonhaz soils and debris | 100 tons | | Rumpe Landfill |

response.epa.gov/kywood