# Amity Lacquer, Paint and Chemical Company

## STATE PRIORITY LIST SITE AMITY, ARKANSAS



ADEQ 5301 Northshore Drive North Little Rock, Arkansas 72118



EPA RCRA ID No: ARD983286337 EPA CERCLA ID No: N/A AFIN: 10-00016 County: Clark Arkansas Senate District: 26 Arkansas House District: 23 US Congressional District: 4

## **Current Status**

In September 2005, the Arkansas Department of Environmental Quality (ADEQ) finalized a Remedial Action Decision Document (RADD) that required Amity to remediate the contaminated areas. The RADD represented ADEQ's decision regarding the implementation of the corrective action alternatives selected for the contaminated soil in the addendum to the Corrective Measure Study (CMS) dated October 29, 2004. Natural attenuation and long term monitoring of the contaminated ground water was chosen as a reliable alternative for groundwater at this site. The facility has been required to perform additional groundwater sampling to determine the level of reduction of the contaminants at the site through the natural attenuation process. Based on the results obtained from 2012 Groundwater Report, it was determined the facility has met the requirement of the RADD and no further action is necessary. This site was removed from the State Priority List on June 28, 2013.

## **State Priority List History**

The site was listed in the Arkansas Pollution Control and Ecology Commission (APC&EC) Regulation No. 30 (Arkansas Remedial Action Trust Fund Hazardous Substance Site Priority List) under the investigation and remediation categories on December 7, 2001.

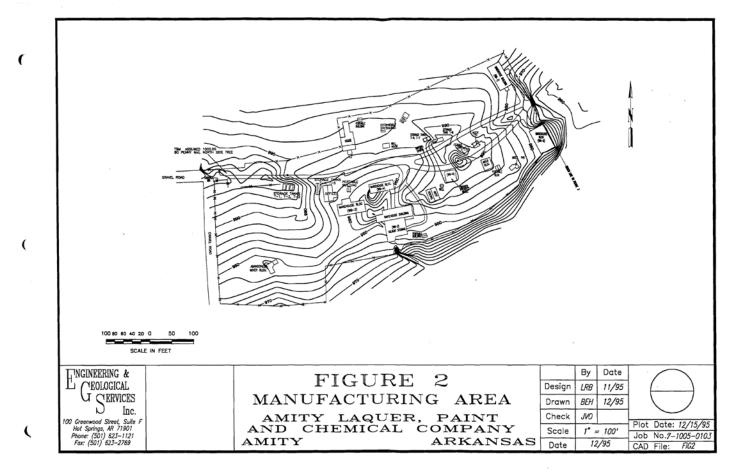
#### **Site Description**

- Location: The Amity site is located in Township 5 South, Range 22 West, Section 31, Clark County, Arkansas.
- Population: About 800 residents live in the city of Amity.
- Setting: The facility is located east-northeast of Amity, Arkansas, off State Highway 8, then north on an unnamed dirt road for approximately three (3) miles. The facility occupies a portion of the 120 acre site contiguous with the manufacturing plant.
- Hydrology: The Amity site is located on the Athens Plateau, which is a belt about 15 miles wide that lies between the mountains of the Ouachita region on the north and the west Gulf Coastal Plain on the south. The Athens Plateau is dissected with narrow crooked valleys of southward flowing truck stream and by many east-west valleys of small tributary stream, which are 350 feet or less below the upland surface. The facility is characterized by surface elevations which range from 500 ft Mean Sea Level (MSL) to 565 ft.

#### Aerial Photo:



Location Diagram:



## Waste and Volumes

Based on the proposed remedy outlined in the Remedial Action Decision Document (RADD), the east mixer building on the Amity property was demolished and removed and the debries were transported to a permitted off-site landfill for disposal. Soils beneath the mixer building and within the general vicinity were excavated and transported to a permitted hazardous waste landfill. Approximately 2,156 cubic yards of contaminated waste were excavated from this site. The contamination at the site originated from the manufacture of paints, lacquers, varnishes and related chemicals. Methyl Ethyl Ketone, Acetone and lead were primary chemicals of concern at the site.

## **Health Considerations**

The remedial actions eliminated risks to human health and the environment. Any future risks at the site due to the ingestion of contaminated soils, surface water and groundwater have been addressed.

## ADEQ Response Actions

Amity was established in 1956 and continuously operated until it was shut down in early 1996 after declaring bankruptcy. The facility produced a wide range of paints, lacquers, and related products, including thinner and paint strippers.

On June 12, 2000, a Consent Administrative Order (CAO LIS 00-105) was signed by ADEQ and the Trustee of Bankruptcy Court for the Northern District of Texas. This CAO required Amity to identify all solid waste at the site and determine if it was hazardous waste, remove all hazardous waste, compile the Facility Investigation (FI) work plan, implement the FI, and perform a Corrective Measures Study (CMS).

Amity complied with the ADEQ requirements. The ADEQ issued a RADD in September 2005 and required the facility to complete remedial action at the site. The contaminated soil was removed and the groundwater at the site was monitored based on the proposed remedy in the RADD for natural attenuation of the contaminated groundwater.

## **ADEQ Anticipated Future Activities**

The results obtained during 2012 groundwater sampling indicated Amity has fulfilled the requirements of the RADD and a no further action letter was issued on May 17, 2012. This site was removed from the SPL on June 28, 2013.

#### **Site Contacts**

Project Coordinator:	Mostafa Mehran	(501) 682-0837 <u>mehran@adeq.state.ar.us</u>
Information Repository:	Amity Public Library 309 West Thompson Street Amity, AR 71921	(501) 342-5822