

VALUE LINE COMPANY

STATE PRIORITY LIST SITE

**701 SOUTH 3RD STREET
ARKADELPHIA, ARKANSAS**



ADEQ
5301 Northshore Drive
North Little Rock, Arkansas 72118



EPA CERCLA ID No: AR0000000331
AFIN: 10-00234
County: Clark
Arkansas Senate District: 20
Arkansas House District: 26
US Congressional District: 04

Current Status

The Value Line Company (Value Line) was a former manufacturer of wooden motel furniture. Painting and staining of the furniture during the manufacturing process resulted in the generation of hazardous waste by the facility.

The former owner vacated the property in 2003. The property was conveyed to Ouachita Baptist University in 2006. Ouachita Baptist University currently uses the facility for maintenance equipment storage.

The ADEQ contracted to evaluate the site through the Comprehensive Site Assessment (CSA) process to determine the nature and extent of hazardous substances released to the environment, the potential for additional releases, and the risk to human health and the environment. The CSA process was completed in October 2010.

Based on the CSA results, there are minimal impacts to soil and groundwater from past operations at the site. Due to the detection of three constituents of concern (COCs) in groundwater, however, monitoring wells have been installed to allow for future sampling. Groundwater will continue to be monitored to verify if the COCs are still present, or if natural attenuation is occurring.

The first groundwater operation and monitoring (O&M) activities were initiated on September 6, 2013 when ADEQ personnel went for a site visit to evaluate the condition of the monitoring wells. FTN performed the first groundwater O&M sampling on April 1, 2014 and provided the field and

laboratory data to ADEQ in mid-April 2014. A Groundwater Monitoring Report was drafted and finalized in December 2014. Conclusions from the groundwater sampling suggest that a second monitoring event be scheduled for Spring 2016 to verify the COCs remain below the MCL, determine if the tap water standard is exceeded, and that natural attenuation is occurring. A deed restriction prohibiting the use of on-site groundwater was filed November 19, 2015. The Spring 2016 sampling event was conducted on March 23, 2016. A groundwater sampling report has been completed, and the site is being recommended for removal from the SPL pending the proper plug and abandonment of the on-site groundwater monitoring wells.

State Priority List History

The Arkansas Remedial Action Trust Fund Act (A.C.A. 778-7-501 et seq.), or RATFA, provides authority and funding for identifying, investigating, and remediating hazardous substance sites throughout the State. The RATFA Hazardous Substances Site Priority List (SPL) identifies those hazardous substance sites eligible for State-funded investigation and remedial actions, if necessary, on a case-by-case basis; it is not an inclusive site inventory or historical list.

Value Line was added to the SPL under the Arkansas Pollution Control and Ecology Commission's (APC&EC) Regulation No. 30 (Arkansas Remedial Action Trust Fund Hazardous Substance Site Priority List) in 2009. This listing made state funds available for investigation and remediation. Value Line was listed due to a history of noncompliance with environmental regulations and the potential for former operations to have caused soil and/or groundwater contamination on- and off-site.

Site Description

Location: The Value Line site is located at 701 South 3rd Street in the city limits of Arkadelphia, Arkansas.

Population: According to the U.S. Census Bureau, the estimated population of Arkadelphia in 2011 was 10,658.

Setting: The site is comprised of two contiguous tracts (approximately 3 acres) of land located in an industrial area on the east side of Arkadelphia. The site is relatively flat and is bordered by a rail track to the west, 3rd Street to the east, and industrial properties to the north and south. Wetlands are also located to the north and west sides of the property. Approximately 100 housing units are located within a 0.25 mile-radius of the site.

Hydrology: The Value Line site lies within the physiographic province known as the Gulf Coastal Plain. The lithologic units in this area are primarily comprised of the Arkadelphia Marl, Quaternary Alluvium and the Nacatoch Sand. The primary hydrologic zones can be found in the Quaternary Alluvium and the Nacotach Sand. The Arkadelphia Marl is the youngest Cretaceous Age Formation in Arkansas and is not noted to yield water to wells. The regional dip and groundwater flow within these formations is southeasterly.



Aerial Photo: 701 South 3rd Street, Arkadelphia, Arkansas (2006).



Photo: Front of Building of Former Value Line Company on Third Street.

Waste and Volumes

Value Line operated as a furniture manufacturing facility that used several kinds of hazardous materials during the production processes. Operations included construction and surface preparation, staining and painting, finishing, and brush and spray gun cleaning. Some of the hazardous materials used were acetone, alcohols, methyl ethyl ketone, methyl isobutyl ketone, methanol, methylene chloride, mineral spirits, oxalic acid, petroleum distillates, toluene, 1,1,1-trichloroethane, xylene, pigments, diisocyanate, and wastewater.

Based on the nature of the historical operations at the site and lack of documentation regarding manufacturing, chemical storage, and waste disposal practices during operation, specific sources and volumes of contamination are unknown. Possible mechanisms for release of contaminants into the environment included spills, dumping, disposal of chemicals in floor drains, or burning and burial of waste materials.

Health Considerations

A human health risk assessment was included in the CSA investigation. This assessment evaluated the pathways by which people may contact the COCs, identified appropriate toxicity criteria for use in quantifying potential risks, and characterized potential cancer risks and non-cancer health hazards associated with possible current and future exposure to COCs. All of the scenarios evaluated showed risks within the U.S. Environmental Protection Agency's acceptable risk and hazard thresholds.

Lead, manganese, and thallium (total and dissolved) in groundwater were the only COCs detected above appropriate screening levels.

ADEQ Response Actions

The following chronology lists milestones and provides brief activity descriptions:

- Notice of Violation (NOV) of hazardous waste regulations issued to facility – September 1993
- Legal proceedings involving ADEQ, APC&EC, Administrative Hearing Office, and facility – 1996 through 2005
- Facility placed on SPL – January 2009
- Site reconnaissance completed – March 2010
- CSA Work Plan finalized – April 2010
- Final CSA Report approved – November 2010
- Groundwater O&M Sampling – April 2014
- Groundwater Monitoring Report finalized – December 2014
- Additional groundwater and surface water samples collected – March 2016
- Groundwater Monitoring Report finalized – September 2016

ADEQ Anticipated Future Activities

The site is being recommended for removal from the SPL pending the proper plug and abandonment of the on-site groundwater monitoring wells.

Site Contacts

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