

NPL Site Narrative for Rhinehart Tire Fire Dump

RHINEHART TIRE FIRE DUMP Frederick County, Virginia

Conditions at proposal (October 15, 1984): The Rhinehart Tire Fire Dump Site originally served as a storage area for 5 to 7 million tires. The 4.5-acre site is located in an agricultural area on the outskirts of Winchester, Frederick County, Virginia. The tires caught fire in October 1983. Subsequently, EPA spent \$1.74 million in CERCLA emergency funds to control and collect 800,000 gallons of oily wastes, conduct environmental monitoring, and perform associated activities.

According to EPA analyses, a variety of hazardous substances have been released to the air. In addition, monitoring by the State has indicated local ground water contamination from similar hazardous substances, including benzene. About 150 people use the contaminated aquifer within 3 miles of the site as a source of drinking water.

In February 1984, the site owner consented to a CERCLA Section 106 order which required surface run-off controls specified by EPA. These measures were taken in August 1984.

Status (June 10, 1986): In March 1985, EPA started a remedial investigation/feasibility study (RI/FS) to determine the type and extent of contamination at the site and identify alternatives for remedial action. The workplan for the RI/FS was recently completed.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaq/index.asp) (<http://www.atsdr.cdc.gov/toxfaq/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.