



Region 7

Iowa
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Fact Sheet

December 2004

Sentinel Wood Treating, 12th Avenue Solvents & Community Laundromat Sites in Ava, Missouri

Site Updates

The U. S. Environmental Protection Agency (EPA) Region 7 and the Missouri Department of Natural Resources (MDNR) encourage the community to attend a public meeting on Tuesday, January 4, 2005, about the Sentinel Wood Treating, 12th Avenue Solvents and Community Laundromat Sites in Ava, Missouri. EPA, MDNR and company representatives will provide brief presentations to update the community about various site activities. The presentations will be followed by a question and answer period to facilitate discussion with the public about site progress. Meeting details are located in the adjacent box.

Sentinel Wood Treating Site

In 2001, EPA, MDNR and Sentinel Industries, Inc. (Sentinel) signed an Administrative Order on Consent to require Sentinel to conduct investigations and cleanup actions at the Sentinel Wood Treating Site. In compliance with this order, Sentinel has proposed a plan called an Alternate Time-Critical Removal Action Work Plan that describes three technologies that will be used to clean up the pentachlorophenol (PCP) contamination at the site. The three technologies include on-site bioremediation of a majority of the PCP contamination, off-site disposal of highly contaminated materials, and chemical

PUBLIC MEETING

EPA and MDNR will hold a public meeting to provide information and answer questions about the Sentinel Wood Treating, 12th Avenue Solvents and Community Laundromat Sites on:

Tuesday, January 4, 2005
6:00 p.m. – 8:00 p.m.
Ava Middle School Cafeteria
Ava, Missouri

oxidation of certain ground water contamination.

Bioremediation is a treatment method that uses micro-organisms to degrade organic contaminants and convert them into non-hazardous constituents. Bioremediation is a proven technology approved by EPA at wood treater sites like this one. Due to the volume of soil contamination, Sentinel is proposing to conduct the bioremediation treatment in five phases to begin in 2004 and conclude in 2011.

EPA will hold a 30-day comment period from January 6, 2005, to February 4, 2005, to allow the public to comment on Sentinel's proposed cleanup plan. The work plan is included in the site Administrative Record and is available for review at either of the two locations shown below. Submit your written comments to Dianna Whitaker at the address provided at the end of this fact

sheet. Representatives from Sentinel will be available to describe the work plan during the January 4th meeting.

12th Avenue Solvents Site

In 2001, EPA, MDNR and Emerson Electric Co. (Emerson) signed an Administrative Order on Consent to require Emerson to conduct investigations and cleanup actions at the 12th Avenue Solvents Site. The cleanup has focused on mitigating the movement of contaminants from two areas identified near the Copeland facility: 1) a 4-inch diameter polyvinyl chloride (PVC) pipe that drains a wetland just south of 12th Avenue and east of an unnamed tributary of Prairie Creek; and 2) ground water directly below the location of the original spill on the facility property.

Emerson hired Environmental Strategies Corporation to conduct the required assessments and the initial cleanup. By the end of October 2004, 14,055,000 gallons of ground water have been treated and approximately 2,698 pounds of contaminants have been removed through treatment systems at the site. Representatives from Emerson will be available to update the community on the progress of cleanup activities during the January 4th meeting.

Community Laundromat Site

The Community Laundromat Site is located adjacent to the Sentinel Wood Treating and 12th Avenue Solvents Sites and is the location of the former laundromat and dry cleaner. The ground water beneath the property is contaminated. The contaminant of concern at the site is tetrachloroethene (PCE or perc). The site owner is currently in the process of demolishing the building where the laundromat operated. EPA has determined that the PCE contamination will need to be addressed, and EPA is currently evaluating options for implementing the cleanup. During the meeting, EPA representatives will be available to answer

questions about this site.

Assessment Updates

MDNR has completed sampling activities and assessments at other sites in the area where the local community had expressed concern. MDNR representatives will be available to provide the community with updates about these assessments during the January 4th meeting. The city of Ava hired a contractor to conduct assessment work at the former Rawlings facility and will report their findings and plans for the facility during the meeting.

Additional Information

EPA encourages the community to review the Administrative Records for the Sentinel Wood Treating Site and the 12th Avenue Solvents Site, which are available at the following locations:

Douglas County Public Library
301 S.W. 3rd Avenue
Ava, Missouri

EPA Region 7 Records Center
901 N. 5th Street
Kansas City, Kansas

If you have questions about this fact sheet, would like to comment on the cleanup plan for the Sentinel Wood Treatment Site, or need additional information, please contact:

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