



Region 7

Iowa
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Fact Sheet

September 2003

Engineering Evaluation/Cost Analysis Available

Pools Prairie Superfund Site, Quince Road Area (QRA) Neosho, Missouri

INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 7 has completed the Engineering Evaluation/Cost Analysis (EE/CA) to address contaminated soil at the Quince Road Area (QRA). The QRA is one of the contaminated areas of the Pools Prairie Superfund site in Neosho, Missouri.

The QRA includes areas adjacent to the intersection of old Highway 71 and Quince Road, several miles south of downtown Neosho.

BACKGROUND

In the 1940's and possibly into the 1950's, the Army used what was referred to as the 900 Building as the laundry for Camp Crowder. When the Air Force needed additional warehouse space for operations at Camp Crowder, the Army transferred the 900 Building to the Air Force. The 900 Building was later used by North American Aviation, Inc., now part of Boeing North American, Inc. (Boeing N.A.), when they operated Air Force Plant 65 (Plant 65).

When Teledyne Industries succeeded Boeing N.A. as the operator of Plant 65, it converted the 900 Building for use in jet engine overhaul and testing. Teledyne Industries acquired the 900 Building in 1980 when Air Force Plant 65 closed, and continued to use it for much the same purposes. Available information indicates that volatile organic compounds (VOCs)

were disposed of at the 900 Building during Teledyne Industries' tenure as operator of Plant 65 and owner/operator of the 900 Building.

In approximately 1992, Teledyne Industries sold the 900 Building to the Sabreliner Corporation (Sabreliner). Sabreliner is the current owner of the 900 Building.

Public Comment Period

EPA is asking for your comments on the Engineering Evaluation/Cost Analysis for the Pools Prairie Superfund Site, Quince Road Area. The 30-day comment period runs from September 22, 2003 through October 24, 2003.

Written comments can be sent to:

Fritz Hirter
Community Involvement Coordinator
EPA Region 7
901 N. 5th Street
Kansas City, Kansas 66101
email: hirter.fritz@epa.gov

EPA and the Missouri Department of Natural Resources (MDNR) suspect that the QRA is a potential source of contamination that has been found in private drinking water wells and groundwater west of the 900 Building.

In 1998, Teledyne Industries and the Department of Defense agreed to conduct a study at the QRA, known as an engineering evaluation/cost analysis (EE/CA), that would identify and evaluate actions that could clean up the contaminated soil in the area. The EE/CA was completed in August 2003.

THE RECOMMENDED ACTION

Based on information in the EE/CA, the following cleanup actions are recommended for the QRA:

For soil, the recommended action is soil vapor extraction. Soil vapor extraction is a technique that includes two primary steps: (1) installation of wells through contaminant zones and (2) creation of a vacuum at these wells, which releases contaminants from the soil in a gas phase. The soil vapor extraction system will consist of approximately 13 vapor extraction wells. Spacing of the wells will be approximately 50 feet apart. Piping will connect the vapor extraction wells to a centrally located remediation system, with subsequent discharge to the atmosphere. The cost of this action is estimated at \$494,000.

For groundwater located near the 900 Building, the recommended action is enhanced natural attenuation. This can be accomplished through the injection of a carbon source (e.g., molasses, sugar water, lactate), with the goal of enhancing natural biological degradation of contaminants. The cost of this action is estimated at \$50,000.

TO MAKE COMMENTS

EPA encourages community members to review and comment on the EE/CA for the QRA. Your comments will be most effective if you consider the following guidelines:

- Explain your views and tell us why you feel that way
- Do you support or disagree with the recommendation? Be specific about which parts if you can
- Can you provide examples or offer alternatives?

FOR MORE INFORMATION

The EE/CA is part of the Administrative Record File. The Administrative Record File and the EE/CA are available for public review at the following locations:

Neosho Public Library
201 W. Spring
Neosho, Missouri

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

If you have questions about this fact sheet, please contact:

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