

US EPA ARCHIVE DOCUMENT

JULY 2008 NEWSLETTER
regarding
ENVIRONMENTAL INVESTIGATION AND CLEAN-UP ACTIVITIES
at the
RADIO MATERIALS CORPORATION SITE
1095 East Summit Street
Attica, Indiana

Introduction

Since our last newsletter in March, extensive progress has been made related to the implementation of Interim Corrective Measures (ICMs) at the Radio Materials Corporation (RMC) Site. Therefore, the primary purpose of this newsletter is to provide you with an update on the progress of ICM implementation at the Site.

Background

The RMC Site is located in the northeastern portion of the City of Attica at 1095 East Summit Street, and consists of buildings located north and south of Summit Street. RMC began conducting manufacturing activities at this location in 1948. RMC operations included the manufacture of ceramic components, such as capacitors and resonators for the electronics industry.

In 2002, Kraft entered into a Remedial Investigation and Action Agreement with RMC under which Kraft agreed to undertake certain investigation and remediation activities at the Site. Kraft never owned or operated the Site but agreed to conduct these investigation and remediation activities because of a series of corporate mergers, acquisitions and sales. Although Kraft did not contribute to the conditions at the Site, Kraft is working with U.S. EPA to complete the appropriate environmental investigations and clean-up activities at the Site.

Extensive environmental investigations have been performed at, and in the vicinity of, the RMC property since 2003. These investigations have included extensive soil, groundwater, soil vapor, and air studies both on and around the RMC property. Investigation activities completed to date have identified certain chemicals known as volatile organic compounds (VOCs) associated with the facility present in the soil, groundwater, and soil gas

associated with the facility on the Site property, and to the north and northwest of the Site. Primarily, the chemicals are associated with RMC's former degreasing operations, such as trichloroethylene (TCE) and perchloroethylene (PCE).

Interim Cleanup Update

The term "interim" refers to cleanup measures that were implemented on a fast track, ahead of the normal administrative process conducted under the Resource Conservation and Recovery Act (RCRA). The U.S. Environmental Protection Agency (U.S. EPA) agreed, based on the extensive soil and groundwater investigations completed to date, that the selected measures were reasonable and appropriate to stabilize and clean up areas on the Site and to minimize the potential for the migration of contamination off-Site in soil vapor and groundwater. The measures proposed and implemented to date are intended to be fully incorporated into EPA's final cleanup decisions for the Site.

The following Interim Corrective Measures have been completed to date. Figure 1 provides a site map showing the locations of the areas referred to below.

- Excavation and off-Site disposal of approximately 350 tons of lead-impacted soil in the area near/around Area of Concern (AOC) 3B.
- Injection of chemical oxidants into the soil near/in/around Solid Waste Management Units (SWMUs) 5 and 11 to treat VOC hot spots.
- Installation and startup of Soil Vapor Extraction systems to cleanup areas of VOC-impacted soil located in/near/around SWMUs 5 and 11.
- Excavation, consolidation, and placement of approximately 700 tons of VOC-impacted

soil from the SWMU 1 and 2 area in a containment cell for on-Site treatment.

- Installation and startup of a Soil Vapor Extraction system in the area of SWMUs 1 and 2 for the treatment of VOC-impacted soil in the containment cell and surrounding soil.

Startup of the Soil Vapor Extraction system in the SWMU 1 and 2 area is scheduled to be fully completed before the end of July. At that point, all of the Interim Corrective Measures approved by the U.S. EPA will have been implemented. The Soil Vapor Extraction systems will continue to be operated and maintained until VOC concentrations in Site soils reach acceptable levels.

Vapor Mitigation Systems Update

In March 2008, we reported that the U.S. EPA had approved the installation of vapor mitigation systems in certain houses near the Site consistent with guidance published by U.S. EPA and the Indiana Department of Environmental Management (IDEM). These systems draw air from beneath the basement/floor slab of a house and vent it outside to minimize any discharge of vapors from the ground into the house. U.S. EPA and Kraft have no indoor air data to indicate that the air inside these houses is above the state's conservative residential indoor air action levels, but are taking a precautionary approach by proactively installing these vapor mitigation systems as the off-Site soil vapor investigation continues.

We approached the owners of ten houses located along Summit Street for permission to install vapor mitigation systems. We have seven vapor mitigation systems currently installed and operating at these ten houses. Once all of the vapor mitigation systems are installed, we will be conducting indoor air monitoring to verify the systems are operating effectively.

In addition, Kraft has submitted to U.S. EPA a sub-slab and indoor air sampling plan for some houses located north and northwest of the Site to ensure that all appropriate environmental investigation activities related to the Site are

being undertaken. The U.S. EPA approved the sub-slab and indoor air sampling plan, and is holding a public meeting on July 29, 2008. Sampling activities will begin after all selected homeowners have been contacted and granted property access. A second round of indoor air and sub-slab sampling activities would be conducted again in the Winter of 2008/2009 to further evaluate potential conditions.

Contact Information for Questions

Documents containing specific information on the Site have been placed in a public document repository in the Attica Public Library.

Attica Public Library
305 South Perry St.
Attica, IN 47918
Tel: 765-764-4194
<http://www.attica.lib.in.us>

Interested people also may contact the following individuals for more information:

U.S. EPA Project Manager for the Site:
Bhooma Sundar
Project Coordinator
Land and Chemicals Division
U.S. EPA Region 5
Tel. 312-886-1660

Environmental Technical Consultant for RMC Project:
Steven J. Wanner
CONESTOGA-ROVERS & ASSOCIATES
6520 Corporate Drive
Indianapolis, Indiana 46278
Tel. 317-291-7065

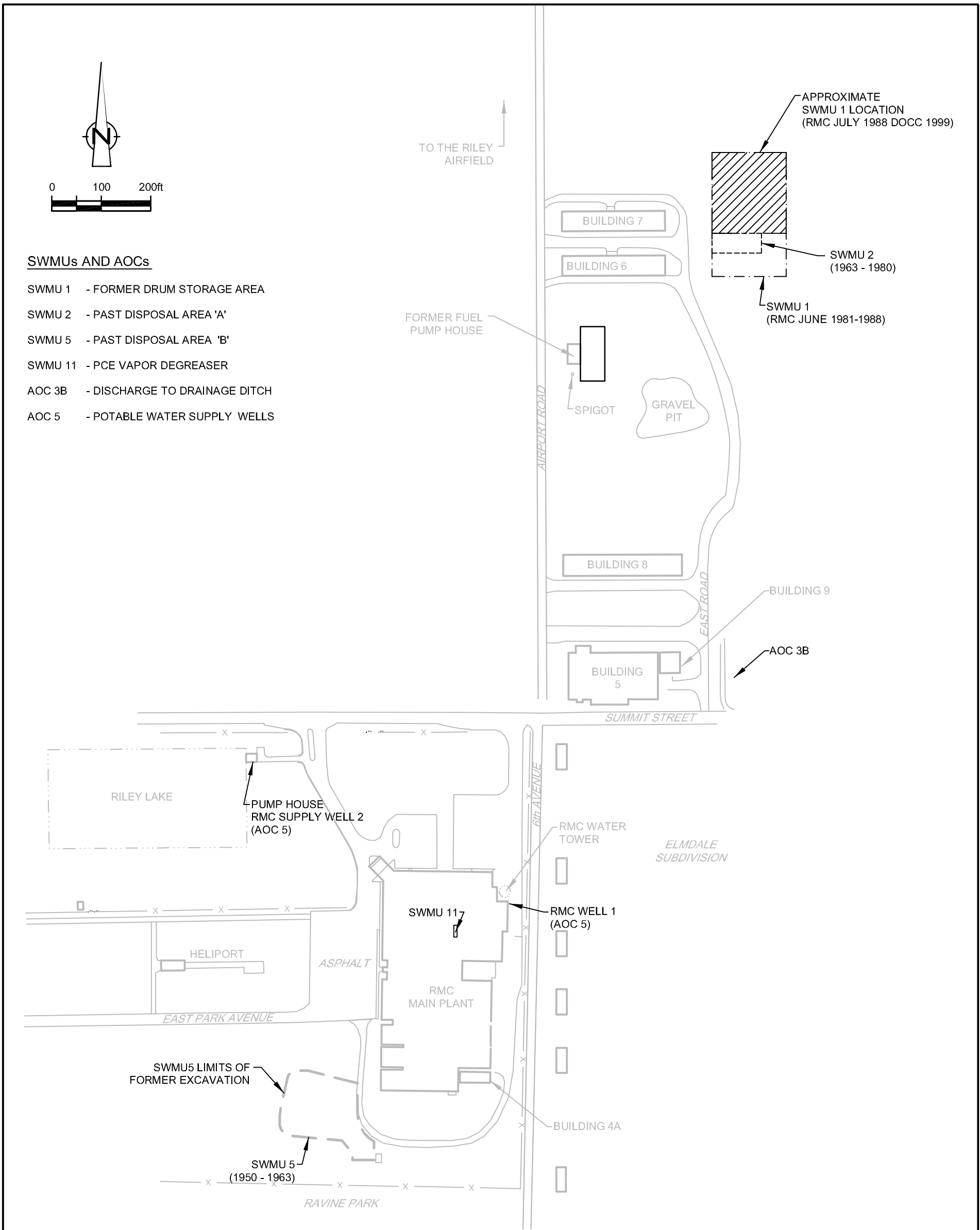


figure 1
SITE PLAN WITH SWMUs AND AOCs
RADIO MATERIALS CORPORATION
Attica, Indiana



SOURCE: PHASE I RFI (2000)