

NPL Site Narrative for Sangamo Electric Dump/Crab Orchard National Wildlife Refuge (USDOl)

SANGAMO ELECTRIC DUMP/CRAB ORCHARD NATIONAL WILDLIFE REFUGE (USDOl) Carterville, Illinois

Conditions at proposal (October 15, 1984): The Sangamo Electric Dump/Crab Orchard National Wildlife Refuge Site covers 2 to 3 acres in Carterville, Williamson County, Illinois. The U.S. Department of Interior (USDOl) owns the property. From 1946 to the mid-1960s, Sangamo Electric buried by-products from the manufacturing of electrical components and capacitors in a landfill that is close to and drains into Crab Orchard Lake. Soil samples from the edge of the landfill contain PCBs in the range of 12,000 parts per million (ppm) and lead in the range of 7,000 ppm, according to analyses conducted by the U.S. Fish and Wildlife Service. Soil samples collected between the fill and the lake showed lower concentrations. These contaminants are migrating via surface run-off into Crab Orchard Lake, from which the City of Marion (population 1,400) takes water during periods of peak demand.

At the request of EPA, USDOl is planning a remedial investigation/feasibility study to determine the extent of the contamination at the site and identify alternatives for remedial action.

Status (July 22, 1987): The contractor for Sangamo and USDOl prepared a scope of work for the remedial investigation/feasibility study, which EPA has reviewed. The study is in progress. Sangamo has agreed to pay for cleanup of the site, while USDOl will handle the off-site study.

Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

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.