

Emerson Electric Co.- Fusite Division

March 2009

The Fusite facility is located at 6000 Fernview Avenue, Cincinnati, Ohio. Fusite has operated as a manufacturing facility since approximately 1954. Manufacturing operations at the site have included glass making, nickel plating, rubber injection, epoxy powder coating, and hermetic seals for electrical components. Various chlorinated solvents were used in manufacturing processes at the facility.

The facility is bordered on the west and northwest by Hilton-Davis Chemical Company, on the north and east by residential areas and on the south by Conrail railroad tracks. The site is underlain by unconsolidated deposits consisting of glacial till in upland areas and outwash sands and gravels in lowland areas. First ground water at the site is encountered within an upper sand unit and flows to the southwest.

Soil and ground water investigations conducted at the adjacent Hilton-Davis Facility in 1988, 1989 and 1991 revealed the presence of chlorinated solvents in ground water down gradient of Fusite. Fusite conducted additional investigations which indicated that the source on solvent contamination was the Fusite facility. As a result of these investigations, Fusite signed an order with the Ohio EPA in 1993 to conduct a Source Control Interim Action at the facility. The order requires Fusite to investigate and remediate the source(s) of chlorinated solvents located at and emanating from the facility.

In 1997, Ohio EPA approved the installation of a soil vapor extraction system to remediate the source of solvents beneath the Fusite facility. The system has been operating since it was constructed in July of 1997. At that time, Fusite installed additional wells to address areas of ground water contamination more distant from the facility. The operation and monitoring of the remedial system is ongoing.

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