

# Abstract

## **Enhanced Historical Installation Assessment at Former Army Ammunition Plant**

**Track:** Environment Solutions

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Historical aerial photography used in conjunction with an extensive geodatabase of site-specific field data expedited and enhanced the identification, assessment, and prompt management of environmental areas of concern at a former Army Ammunition Plant in Chattanooga, Tennessee. Using the hand-to-screen digitization method Superfund personnel were able to generate shapefiles depicting areas of environmental concern from rectified Mylar overlays produced by a 1984 EPA photogrammetric installation analysis at the former Plant. These shapefiles, rectified historical aerial photographs, digitized geologic maps, present-day aerial photographs, and analytical results were compiled onto compact disk and distributed among local, state, and federal regulatory authorities.

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