



Project Update Millennium Soil Cleanup Completed FIELDS BROOK SUPERFUND SITE

Ashtabula, Ohio

December 1999

This Fact Sheet Will Tell You About

- the completed Millennium soil cleanup
- what's happening at the rest of the Fields Brook site
- where you can get more information

Radionuclides is a general term for all radioactive material.

PCBs are a family of compounds commonly used in electric transformers as insulators and coolants, in lubricants, adhesives, and caulking compounds. PCBs are extremely persistent in the environment because they do not readily break down into less harmful chemicals.

Introduction

This fact sheet provides an update on the U.S. Environmental Protection Agency (U.S. EPA) cleanup at the Millennium Inorganic Chemical Company's titanium tetrachloride facility (Millennium). The Millennium facility is part of the Fields Brook Superfund Site in Ashtabula, Ohio. Millennium recently completed excavation of contaminated soil and mining residuals from its facility. The majority of the excavated material was placed in Millennium's existing landfill.

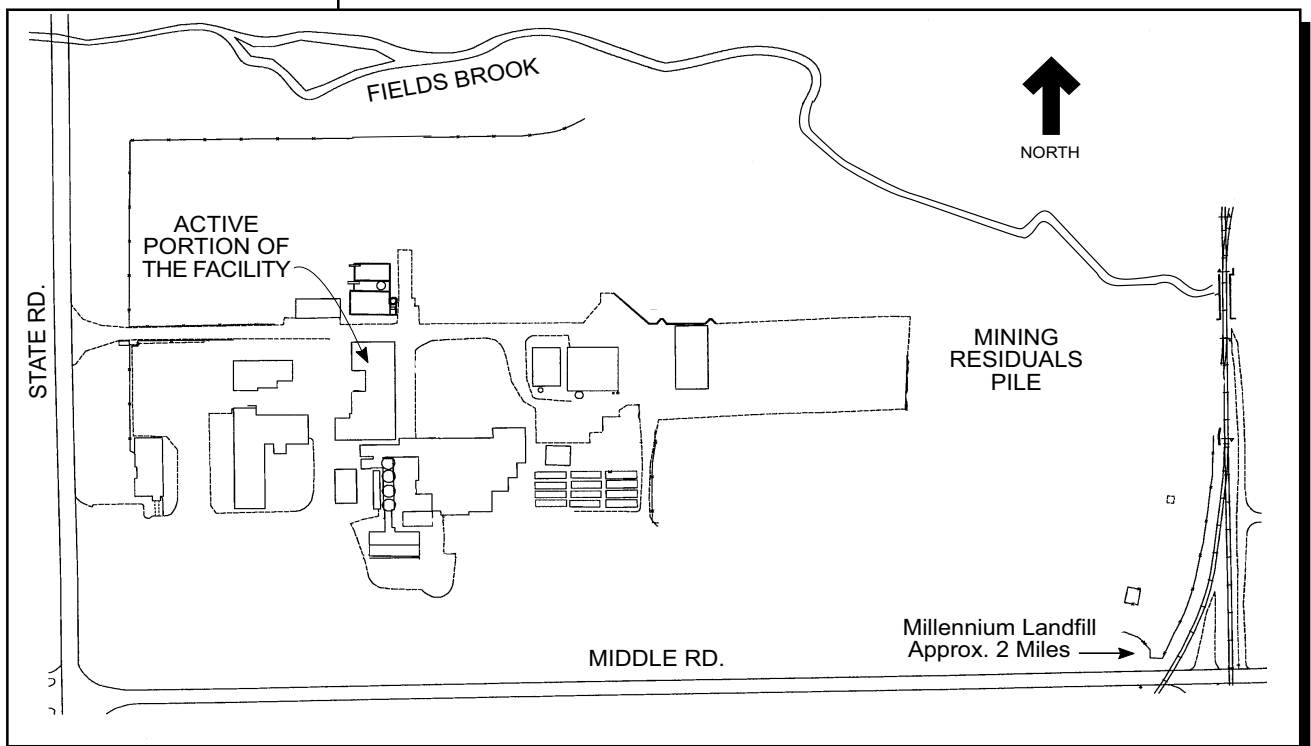
Fields Brook drains a 6-square-mile area in Ashtabula. The main channel is 3.9 miles long and flows through an industrial area and into a residential area before emptying into the Ashtabula River. The site includes the brook, the adjacent floodplain and wetland, and several industrial properties in the vicinity of Fields Brook. Millennium is one of these facilities. Although this update primarily addresses the Millennium

cleanup, an update on the other areas of the site is also provided.

Cleanup Highlights

Between July and November 1999, Millennium excavated over 70,000 cubic yards of soil and mining residuals that were contaminated with polychlorinated biphenyls (PCBs) and low levels of radionuclides (see box at left). The contaminated material has now been placed in Millennium's existing landfill located at 4200 Middle Road. The contaminated mining residuals had been placed behind Millennium's facility by a previous owner and was a major source of contamination to Fields Brook.

The Millennium cleanup exceeded the standards established for the Fields Brook site in the 1997 Record of Decision (ROD) and the April 1999 Explanation of Significant Differences. The post-cleanup radionuclide levels are generally below residential cleanup levels (whereas the ROD required an industrial cleanup stan-



dard). In the areas of the Millennium property that drain to Fields Brook, Millennium excavated all PCB-contaminated soil above 3.1 parts per million (ppm). The ROD required excavation of all PCB-contaminated soil above 50 ppm with an appropriate soil cover. The cleanup conducted by Millennium permanently removed the contaminated soil from the environment. Also, it does not rely on upkeep of a soil cover to prevent erosion to Fields Brook.

Millennium paid for and conducted the cleanup with U.S. EPA, U.S. Army Corps of Engineers, and Ohio Department of Health oversight.

Update on Other Areas

U.S. EPA is currently reviewing the final plans for cleaning up contaminated Fields Brook sediment and floodplain soil. In addition, the cleanup plans for the Acme Scrap Iron and Metal; RMI Metals Reduction; Detrex Inorganic Chemicals; and North and South Sewers are in the remedial design stage.

A landfill will be constructed in 2000 at what is now the RMI Sodium property. In late 2000 and 2001, contaminated material from Fields Brook and

For More Information

Anyone interested in learning more about the Millennium cleanup or the overall Fields Brook cleanup is encouraged to review documents in the information repositories for more information.

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For additional information about the Fields Brook site, please contact:

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the adjacent floodplain and wetland area, Acme Scrap Iron, and RMI Metals will be placed in that landfill. Please

see the July 1999 project update fact sheet at the information repositories for more information.



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