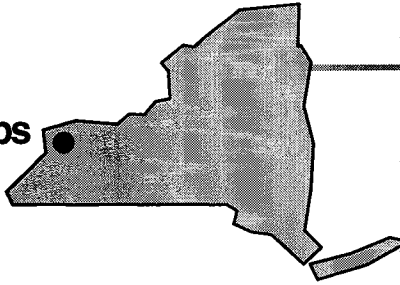




US Army Corps
of Engineers®
Buffalo District



Fact Sheet

FUSRAP-Related Material in the Town of Tonawanda Landfill & Mudflats Area

Formerly Utilized Sites Remedial Action Program • March 2002

This fact sheet has been prepared to address community outreach needs and is consistent with provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Fact sheets are one part of an effort to provide public information on environmental restoration and waste management.

Site Description and History

The Tonawanda Landfill and Mudflats Area consists of approximately 170 acres in the Town of Tonawanda, New York. Adjacent properties include a residential area within the City of Tonawanda, a railroad spur line, a Niagara Mohawk Power Corporation utility corridor, Interstate 290, and a former municipal incinerator that is no longer in use.

Waste disposal at the landfill began during the 1930s and continued through 1989. Records indicate that the landfill was principally used for the disposal of construction and demolition material, leaves, incinerator ash, and municipal waste.

As the result of a radiological survey performed in 1991 by the Department of Energy (DOE), a small portion of the Tonawanda Landfill and Mudflats Area was



designated as a "Vicinity Property" of the former Linde Site under the Formerly Utilized Sites Remedial Action Program (FUSRAP). FUSRAP is a Federal program that identifies and restores sites contaminated with radioactive materials resulting from the early years of the nation's atomic energy program.

USACE Sampling Activities

The U.S. Army Corps of Engineers (USACE), Buffalo District conducted sampling in Summer 2001 at the Landfill and Mudflats Area to gather more information about site conditions and the nature of the materials deposited there. Samples were tested for uranium, thorium and radium.

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The technologies that were used during the sampling were:

- **Gamma Walkover Survey** -- performed to locate areas of elevated radioactivity in the ground near the surface,
- **Soil Sampling** -- samples were collected from 2" diameter soil cores and sent to a laboratory to test for radioactive materials,
- **Groundwater Sampling** -- samples were collected from existing monitoring wells surrounding the Landfill and sent to a laboratory to test for radioactive materials.

Current Status

Previous investigations by the DOE and USACE concluded that the site is within U.S. Environmental Protection Agency risk guidelines for the current site use and conditions. Preliminary results from the collection of 453 soil samples from 210 locations by USACE have confirmed this finding.

The sampling data is being used in the Remedial Investigation/Feasibility Study (RI/FS). The RI/FS are two important steps in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the law USACE must follow when investigating FUSRAP sites. The RI/FS Report will characterize the nature and extent of contamination at the site and will also outline potential remediation alternatives. The RI/FS Report is scheduled to be available for public viewing in the Administrative Record file in Late Spring/Early Summer 2002.

For More Information

For more information, please call the FUSRAP toll-free public access line.

Toll-free Telephone Number: 1-800-833-6390

Please refer to the the Buffalo District FUSRAP web pages on the Internet for up-to-date information.

Buffalo District Home Page Address: <http://www.lrb.usace.army.mil/fusrap>

E-mail can be sent to us at: **fusrap@usace.army.mil**

Please let us know if you would like to be included on the mailing list for the Town of Tonawanda Landfill Vicinity Property to the Linde Site.

You may also mail letters to us at:

**U. S. Army Corps of Engineers
FUSRAP Public Information Center
1776 Niagara Street
Buffalo, NY 14207**