



**Sampling for FUSRAP-Related Material in the
Tonawanda Landfill Vicinity Property**
Tonawanda, New York
October 2009

U.S. ARMY CORPS OF ENGINEERS

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Background

The U.S. Army Corps of Engineers Buffalo District will begin clearing and sampling in the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property during October 2009. This work is being performed under the Formerly Utilized Sites Remedial Action Program (FUSRAP) using funds received through the American Recovery and Reinvestment Act. Sampling is being conducted to better define the extent and concentration of FUSRAP-related material in the site's Landfill Operable Unit. The sampling is being performed in response to input received from the community during the comment period for the 2007 Tonawanda Landfill No Action Proposed Plan. The Corps will be using the information gathered during the sampling effort to update the Baseline Risk Assessment for the Landfill Operable Unit.

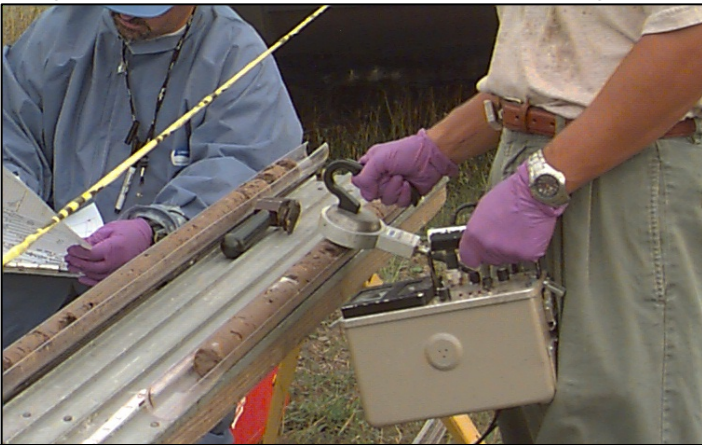
FUSRAP was initiated in 1974 to identify, investigate, and clean up or control sites throughout the United States that were part of the Nation's early atomic weapons and energy programs. The Tonawanda Landfill Vicinity Property is located at the north end of East Park Drive in Tonawanda, New York. For additional information about the history and status of this vicinity property, please refer to the *Tonawanda Landfill Site Fact Sheet* located on the web at: www.lrb.usace.army.mil/fusrap/landfill/index.htm#Documents



Collecting a subsurface soil sample at the Tonawanda Landfill in 2001

Activity

Site clearing and sampling efforts are not expected to generate dust or impact the nearby community. Once the clearing is complete a gamma walkover survey will be conducted. The walkover survey will assist in locating FUSRAP-related contamination in surface soil. The boundaries for areas of contamination will be better defined by using a drilling and sampling subsurface soil that will be scanned, as shown in the photo below, to determine where to collect samples for further off-site analysis. Fourteen temporary well points will also be installed to determine groundwater depth and sample the groundwater. Surface water, sediment and groundwater in existing wells was sampled in the summer. The combined sampling results will allow the Corps to determine whether FUSRAP-related material located in the Landfill Operable Unit is migrating in surface or subsurface pathways.



Scanning a soil boring for FUSRAP-related contaminants

Information gathered during the sampling will be used to recalculate the potential risks to human health associated with exposures to the FUSRAP-related material. After the Baseline Risk Assessment is updated and released, the Corps will determine whether any further action is necessary at the site.

If you would like additional information about the Tonawanda Landfill Vicinity Property, please contact us.

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