



DEPARTMENT OF THE ARMY

BUFFALO DISTRICT  
1776 NIAGARA STREET  
BUFFALO, NY 14207-3199

REPLY TO  
ATTENTION OF

Special Projects Branch

AUG - 4 2005

CELRB-IM  
MAILROOM

-4 AUG 05 14 56

SUBJECT: Tonawanda Landfill FUSRAP Vicinity Property

[REDACTED]

Director of Water Resources  
Town of Tonawanda  
779 Two Mile Creek Road  
Tonawanda, NY 14150

Dear [REDACTED]:

This letter is in response to your letter dated June 7, 2005, regarding the Tonawanda Landfill Formerly Utilized Sites Remedial Action Program (FUSRAP) Vicinity Property in Tonawanda, New York.

As you know, as part of the Remedial Investigation of the Tonawanda Landfill Vicinity Property, the Corps of Engineers conducted a Baseline Risk Assessment of the landfill. A Baseline Risk Assessment evaluates the risk from hazardous materials to the health of a specific type of site user. The health risk is directly related to the level of exposure to the hazardous material, which is primarily dependant on the amount of hazardous material present, the method or pathway of exposure (e.g., inhalation, ingestion), and the length of time of exposure. Risks are evaluated for the current site conditions and site use (i.e., no remedial action conducted at the site), and for the anticipated reasonable future site use. These risks are then compared to guidelines developed by the United States Environmental Protection Agency (USEPA) to determine if remedial action is necessary. For the Town of Tonawanda Landfill, the Corps of Engineers evaluated a recreational site use for both the current and future site use.

The Baseline Risk Assessment found that for the current site conditions, risks to a recreational site user from the MED-like material are within USEPA guidelines. If the MED-like material is capped in place, the human health risk for a recreational user subsequently decreases and falls well within USEPA guidelines, as the cap eliminates the pathways for exposure to the material. If the Town chooses to remove the MED-like material from the landfill in order to facilitate installation of an access road, then the risks to a recreational user also will be less than those under the current site conditions and within USEPA guidelines, as the source of material that a site user could be exposed to would be removed. Therefore, the Corps of Engineers does not believe that further risk assessments are necessary. However, the Town of Tonawanda should be aware that if the Town chooses to remove the MED-like material, the Town is responsible for the appropriate handling and disposal of the material and must comply with all applicable laws and regulations.

The Corps of Engineers also conducted a Baseline Risk Assessment of the Mudflats Area, evaluating risks for an industrial/commercial future site use, based on the Town of Tonawanda's plans for development of the area. The Baseline Risk Assessment concluded that for an industrial/commercial site use, the risks to human health from the MED-like material were within USEPA guidelines, and were even within guidelines for a residential site use. Therefore, no remedial action would be required for an industrial/commercial use of the Mudflats Area.

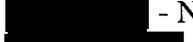
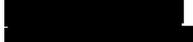
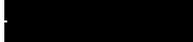
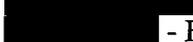
If you have any questions, feel free to contact me at 716-879-4287.

Sincerely,



Project Manager

Copies:

-  - Town of Tonawanda
-  - Town of Tonawanda
-  - NYSDEC
-  - NYSDEC
-  - NYSDEC
-  - EnSol Inc.
-  - EnSol Inc.