

## MEETING MINUTES

### RESTORATION ADVISORY BOARD For PLUM BROOK ORDNANCE WORKS October 26, 2006

#### ATTENDEES

Rick Meadows, RAB USACE Co-Chairperson	Lee Yeckley, RAB Member
Lisa Humphreys, USACE Huntington	Gil Steinen, RAB Member
Bob Hermes, RAB Member	Eric Dodrill, ESWCD
Richard Pitsinger, RAB Member	Sparky Weilnau, Erie County Commissioner
Julie Weatherington-Rice, TAPP	Paul Jayko, OEPA NWDO
Steve Kegarise, Milan Township Trustee	Kim Chambers, McTech Corporation
Frank Lytle, Community Member	Helen Owens, Streamborn Env. Services, Inc.

#### *Agenda*

- *Site Visit – Erie County Landfill*
- *Update of TNT Area B Activities*

The RAB Meeting convened on the afternoon of October 26, 2006 at the Perkins Alumni Association Building located across from the entrance to PBOW. The meeting opened with the introduction of the attendees. There were several new faces representing local government and the community.

#### *Update of TNT Area B Activities*

Lisa Humphreys, USACE Huntington District provided an update of activities at TNT Area B. She reviewed the Removal Action process, and how it was implemented at TNT Area B. Ms. Humphreys overviewed how the material excavated from TNT Area B was disposed. The non-hazardous material removed from the project area was hauled to the Erie County Landfill for use as daily cover. The excavated material that met the criteria for a hazardous waste will be disposed at a hazardous waste landfill; in this case it is going to EQ Landfill in Michigan. Ms. Humphreys briefed the attendees on the determination of a hazardous waste, referencing Code of Federal Regulations Title 40 (40 CFR) and the Toxicity Characteristic Leachate Procedure (TCLP). Hauling and disposal of all excavated material is expected to be completed by the end of 2006, with a final report issued at the completion of the project. The group posed several questions regarding the disposal of the material:

*Question* – “Why is it okay to landfill the excavated material but not leave it in place at PBOW?”

*Response (USACE)* – “Disposal of the material is based on the level of risk posed to human health. In this case, USACE is required to clean-up to residential levels of risk. The contaminants in the excavated material exceed the residential risk levels.”

*Question* – “What are the contaminants (in the soil)?”

*Response (USACE)* – “The contaminants include nitroaromatics, PAHs, PCBs and metals. Specifically, 2,4 dinitrotoluene (nitroaromatic of concern) and lead (metal of concern).”

*Question* – “What happens if contaminants show up in the landfill groundwater monitoring wells (now and post-closure)?”

*Response (OEPA)* – If contaminants are detected, there are different options to consider such as pump and treat systems, slurry wall, or other technologies to prevent migration of the contaminants.”

### ***Site Visit – Erie County Landfill***

Mr. Fred Dubbert, Landfill Superintendent and Mr. David Miller, Landfill Coordinator welcomed the group to the site and provided a brief overview of landfill technology and the specific operating requirements at the Erie County facility. Mr. Miller highlighted the operation of the process as well as environmental monitoring requirements. The landfill is required to have an air permit for non-organic methane compounds (NMOC), explosive gas monitoring (conducted monthly), groundwater monitoring (conducted semi-annually, upstream and downstream locations), and surface water protection by collecting surface run-off in sediment ponds which are checked visually everyday.

There was discussion about the concentration of metals in the soil received from the TNT Area B Removal Action. Mr. Miller explained the landfill relies on the TCLP data to determine if a waste material is acceptable at the landfill. The TCLP simulates the leaching process of soil in a landfill. If the TCLP analysis for a regulated contaminant exceeds the limit established in 40 CFR, the waste is considered hazardous and the Erie County Landfill cannot accept the waste. In the case of the soil removed from TNT Area B, TCLP analysis was conducted, and the soil with TCLP levels less than the limit were acceptable for use at the landfill. The material that exceeded the TCLP limits was not accepted at the landfill and USACE must dispose of it in a hazardous waste landfill.

The site visit was concluded with a tour of the offloading area and “working face” of the landfill. Mr. Dubbert stated that questions concerning the operation of the landfill are welcomed. Interested individuals may contact him at (419) 433-3624 or via email [fdubbert@erie-county-ohio-net](mailto:fdubbert@erie-county-ohio-net). The landfill is located at 554 River Road, Huron, Ohio. Erie County operates a website at <http://www.erie-county-ohio.net> for more information.