DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO
ATTENTION OF:
CELRH-EC-CE

30 April 2007

MEMORANDUM FOR Commander US Army Engineer Research and Development Center

SUBJECT: Memorandum of Appreciation

1. It is a pleasure to thank the US Army Engineer Research and Development Center (ERDC) for the support provided to Huntington District by the Inorganic Remediation Team (IRT). Dr. Victor Medina and Scott Wasiner have provided exceptional technical support for the Huntington Districts FUDS program.

2. Technologies developed by the ERDC Inorganic Remediation Team under the Environmental Quality Technology (EQT) program are being used to remediate World War era Trinitrotoluene (TNT), Dinitrotoluene (DNT) and Pentolite (PETN) contamination at the Former Plum Brook Ordnance Works near Sandusky, Ohio. The IRT's expertise in characterization and treatment of nitroaromatics in the environment were indispensable in effectively performing the needs of satisfying regulators, the stakeholders and evaluating a process for performing remediation in a cost effective manner.

3. ERCD's role included performance of comprehensive field and laboratory studies for soils contaminated with TNT, DNT and PCB's. ERDC evaluated and provided a range of options for soil treatment and stabilization in support of the Huntington District's FUDS program. These strategies provided options for soil disposal, soil reuse (as new berm material) and soil recycling (as building material).

4. It should be noted that use of alkaline hydrolysis via addition of hydrated lime demonstrated an inexpensive method to remediate contaminated soil at the former explosives manufacturing facility. This team also assisted in providing the information required for accurate cost projection and for developing treatment goals for the remediation effort.

5. I have been impressed with the cooperation between ERDC and the Huntington District. Their approach with the lime treatment treatability studies should result in substantial cost and time savings over traditional soil remediation approaches.

6. The FUDS Restoration team for the Huntington District extends its sincere appreciation to the ERDC's Inorganic Remediation Team, and Environmental Quality and Technology Program for a job well done.

Lisa A. Humphreys
PBOW Technical Coordinator
Chief, Environmental &
Remediation Section

Richard L. Meadows
PBOW Project Manager
Programs and Project
Management Branch