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NSTC GREAT LAKES, IL
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LETTER REGARDING STAKEHOLDER DRAFT OF HISTORICAL RECORDS REVIEW JUNE
2005 FORT SHERIDAN IL
10/28/2005
MACTEC



October 28, 2005

Ms. Emily Mitchell
Nichols Center, Suite 10
177 Defense Highway
Annapolis, MD 21401-7006

**RE: *Stakeholder Draft of the Military Munitions Response Program
Historical Records Review, Fort Sheridan, Illinois, dated June 2005***
**Naval Region Midwest Family
Housing Privatization
MACTEC Project No: 3205050441.09**

Dear Emily:

MACTEC Engineering and Consulting, Inc. (MACTEC) has reviewed the report entitled *Stakeholder Draft of the Military Munitions Response Program Historical Records Review, Fort Sheridan, Illinois, dated June 2005*, prepared by engineering-environmental Management, Inc. (referred to as the UXO Report). This letter summarizes MACTEC's review of this report.

The UXO Report reported the results and findings of a study into the presence of Munitions and Explosives of Concern (MEC) consisting of Munitions Debris and Munitions Constituents (MC), including unexploded ordnance (UXO), at the following five (5) locations at Fort Sheridan (the Site):

- Trench Warfare Range Munitions Response Site (MRS)
- Grenade Course MRS
- AAA Complex-Transferred MRS
- AAA Complex Munitions Response Area (MRA)
- Small Arms Range Complex MRA

The AAA Complex MRA was comprised of the following five (5) MRSs:

- Southern Small Arms Range MRS,
- Southern Machine Gun Range MRS,
- Southern Pistol Range MRS,
- Anti-Aircraft Artillery (AAA) firing point A MRS, and
- AAA firing point B MRS.

The Small Arms Range Complex MRA was comprised of the following two (2) MRSs:

- Northern Pistol Range MRS and
- Northern Machine Gun Range MRS.

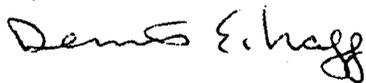
These MRSs and MRAs are shown on Figures 2-3 and 2-4 of the UXO Report (attached to this letter). MEC was previously detected at the Trench Warfare Range MRS and the Grenade Course MRS. Figure 4-1 of the UXO Report summarizes the locations in which MEC was

Ms. Emily Mitchell
Basile Baumann Prost & Associates, Inc.
October 28, 2005
Page 2 of 2

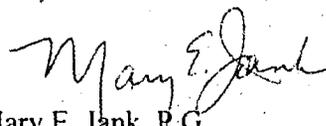
detected. Although the UXO Report did not identify MEC at the other areas, the UXO Report and other reports cited in the UXO Report indicated that the potential of MEC in the other areas cannot be ruled out. MC consisting of non-explosive inorganics and explosive-related organic compounds were detected in soils, sediments, groundwater, and surface water samples during the various investigations conducted at Fort Sheridan. Of the non-explosive inorganic MC that was detected at the site, MACTEC did not find citations in the UXO Report indicating that MEC was the source of the non-explosive inorganic MC. Likewise, of the explosive-related organic MC detected, MACTEC did not find citations in the UXO Report indicating that there was unacceptable risk associated with this MC.

The presence of the MEC found at the Fort Sheridan MRS study areas appears to be isolated and scattered. For those portions of the Site where extensive construction took place since the termination of use of the area for practices resulting in MEC, it is reasonable to conclude that such construction would have already encountered any MEC present. For the inorganic MC detected at the Site, there is not definitive evidence that MEC is the source of the MC. Other activities at the Site, unrelated to the handling, use, or storage of munitions and explosives, may just as likely be the source(s) of such contaminants. Further, MACTEC has not found any conclusive evidence that there is an unacceptable risk of the organic MC detected. While the potential exists for MEC to be encountered throughout the Site, there does not appear to be any evidence suggesting that MEC is widespread nor that MEC is likely to be encountered during subsequent construction. However, given the age of the facility, and previously detected MEC as cited in this report, isolated MEC may still remain at the site and may be encountered during construction activities. Caution should be taken if buried metallic objects or other debris are unearthed during excavation. Appropriate precautions should be taken if such material is encountered.

Sincerely,
MACTEC Engineering and Consulting, Inc.



Dennis E. Nagg
Principal Scientist



Mary E. Jank, P.G.
Principal Geologist

cc: Michael Hughes, Forest City Military Communities



MUNITIONS RESPONSE SITE (MRS) LOCATIONS Fort Sheridan, IL

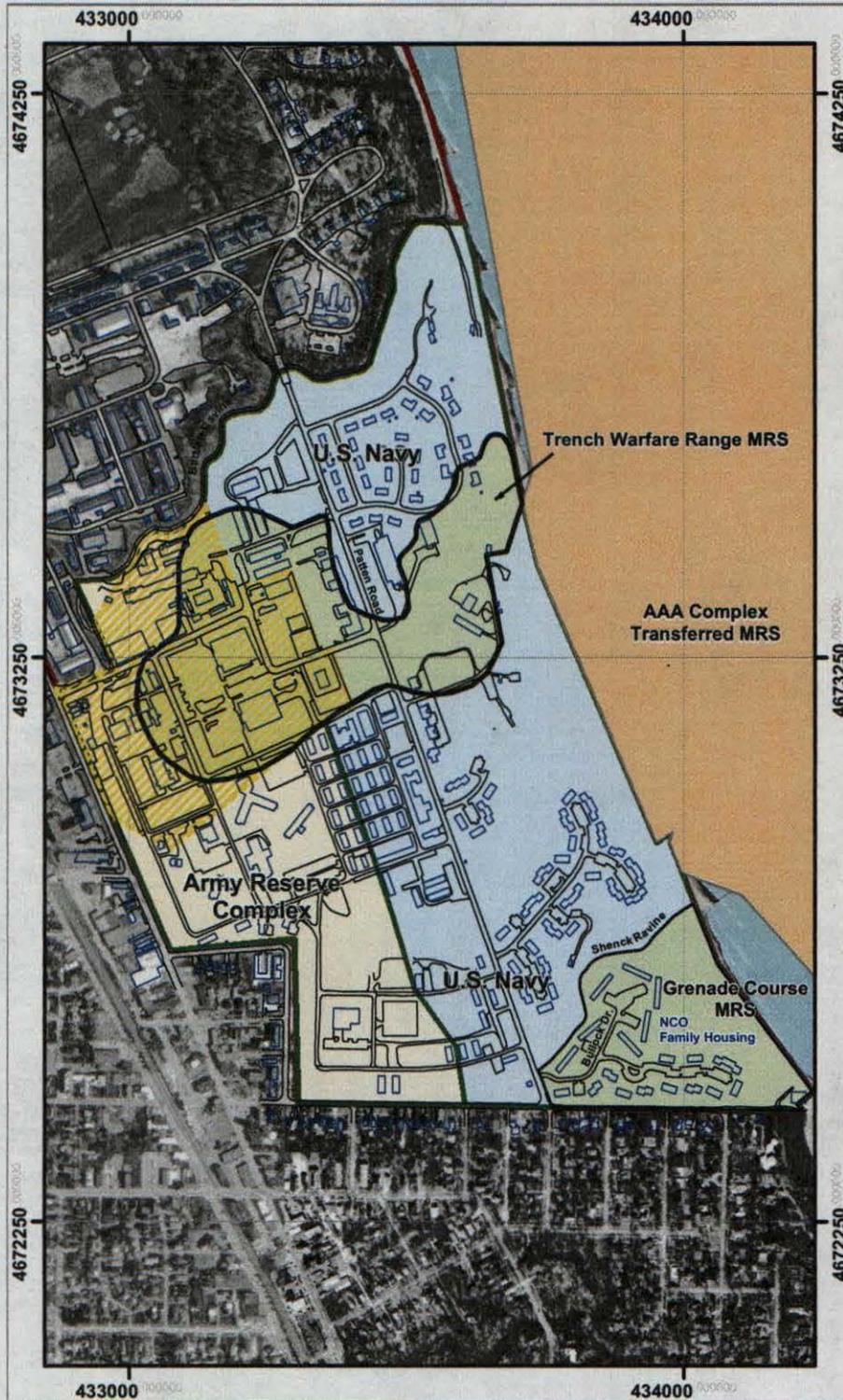


Figure 2-3

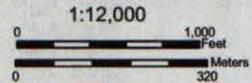


- Road
- Water
- Pre-BRAC Boundary
- U.S. Army Reserve
- U.S. Navy
- Building Outline

- Area Status**
- MRS
 - AAA Complex
 - Transferred MRS
- Trench Warfare Range MRS**
- CTT Range Boundary
 - Current Boundary

Data Sources:
 - CTT Range Inventory, Fort Sheridan Army Reserve Complex, IL, December 2002.
 - Fort Sheridan Archive Search Report, Photo Maps 2 and 3, Map 3, Map 9, Site Visit Map, March 1996.
 - War Department, United States Engineer Office, Post Map of Fort Sheridan, Illinois.

Projection: UTM Zone 16
Datum: NAD 83
Units: Meters
Grid: 1,000 Meter



HISTORICAL RECORDS REVIEW REPORT
FORT SHERIDAN, IL

Source: Produced for the U.S. Army Corps of Engineers by engineering-environmental Management, Inc. (e²M)

Date: June 2005
Edition: Draft

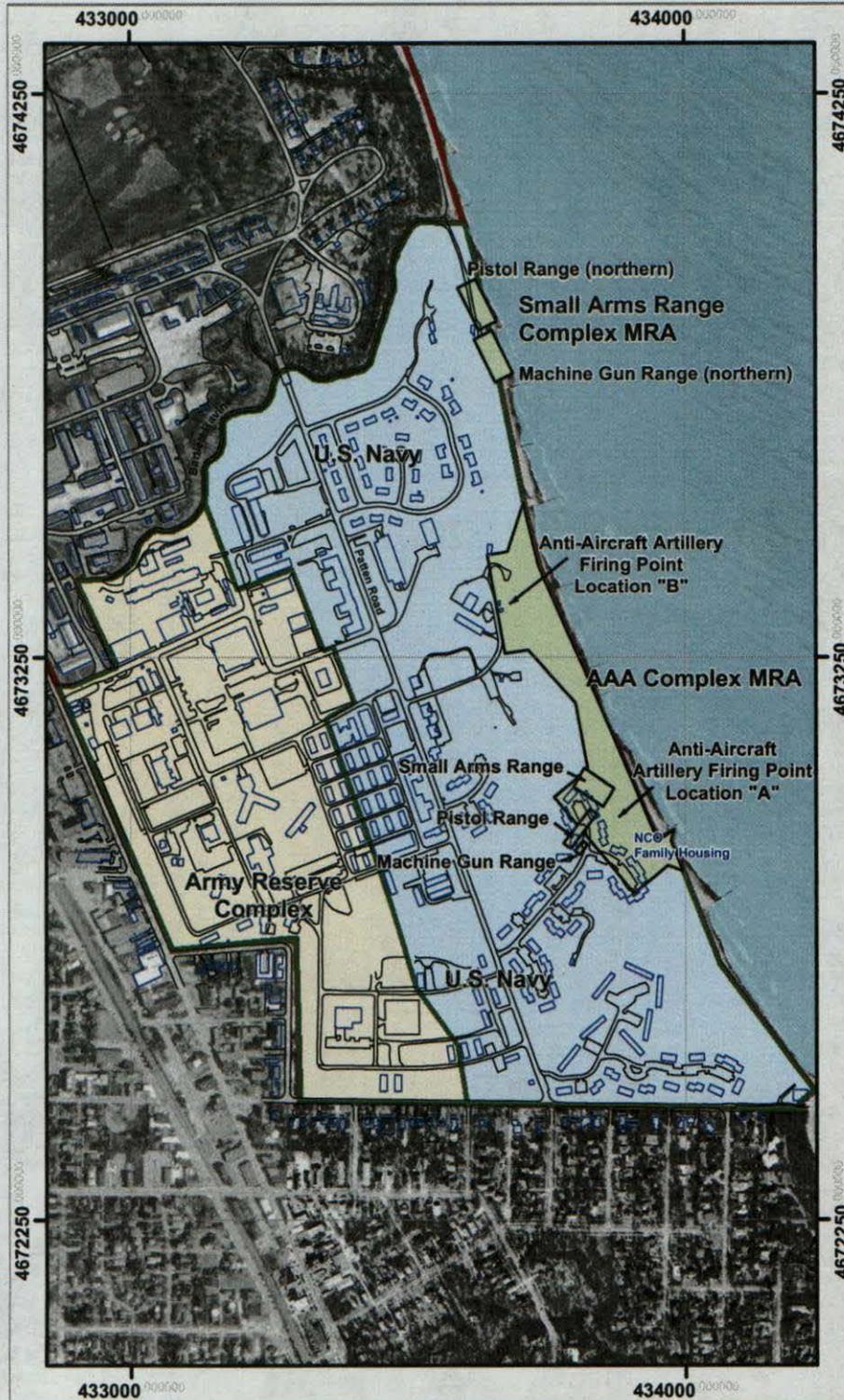




MUNITIONS RESPONSE AREA (MRA) LOCATIONS Fort Sheridan, IL



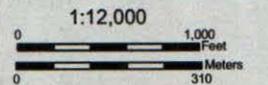
Figure 2-4



- Road
- Water
- Pre-BRAC Boundary
- U.S. Army Reserve
- U.S. Navy
- Building Outline
- Area Status**
- MRA

Data Sources:
 - CTT Range Inventory, Fort Sheridan Army Reserve Complex, IL, December 2002.
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