



**DEPARTMENT OF THE NAVY**  
BASE REALIGNMENT AND CLOSURE  
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BPMO NE/TB  
Ser 10-134  
May 27, 2010

Mr. Michael J. Daly  
Remedial Project Manager  
OSRR07-3  
U.S. Environmental Protection Agency, Region I  
5 Post Office Square, Suite 100  
Boston, MA 02109-3912

Ms. Claudia Sait  
Remedial Project Manager  
Maine Department of Environmental Protection  
Bureau of Remediation and Waste Management  
17 State House Station  
Augusta, ME 04333-0017

Dear Mr. Daly and Ms. Sait:

Enclosed for your information, please find the Addendum to the Time Critical Munitions and Explosives of Concern (MEC) Removal Action Work Plan for Site 12 Explosive Ordnance Disposal (EOD) Area and Former Munitions Bunker West (FMBW) Area at Naval Air Station (NAS) Brunswick, Maine.

If you have any questions or comments, please contact the Navy's Remedial Project Manager, Todd Bober at (215) 897-4911.

Sincerely,

  
Paul F. Burgio  
BRAC Environmental Coordinator  
By direction of BRAC PMO

Enclosure:

Addendum to the Time Critical MEC Removal Action Work Plan for Site 12  
EOD Area and FMBW Area at NAS Brunswick

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## ADDENDUM DATED MAY 27, 2010

### TIME CRITICAL MUNITIONS AND EXPLOSIVES OF CONCERN REMOVAL ACTION WORK PLAN FOR SITE 12 EXPLOSIVE ORDNANCE DISPOSAL (EOD) AREA AND FORMER MUNITIONS BUNKER WEST (FMBW) AREA AT NAVAL AIR STATION (NAS) BRUNSWICK DATED SEPTEMBER 2009

The final work plan for Time Critical Removal Action (TCRA) of Munitions and Explosives of Concern (MEC) at the Site 12 Explosive Ordnance Disposal (EOD) Area and Former Munitions Bunker West (FMBW) Area was finalized in September 2009 by Tetra Tech. Since that time, two changes in conditions necessitate modification of the final work plan. The modifications addressed by this addendum are as follows:

- 1. As part of base closure, existing NAS Brunswick magazines that were planned for use during the TCRA have been decommissioned and so can no longer be used. Therefore, portable Alcohol, Tobacco, and Firearms (ATF)-approved Type 2 magazines will be used instead:**

Two Type 2 portable ATF-approved Type 2 Magazines that meet the specifications in 27 CFR Part 55, Subpart K, DoD 5100.76M, AR 190-11, and OPNAVINST 5530.13C will be used for temporary storage. The two magazines will be located near decertified Magazine 291 within the Weapons Compound. The Type 2 magazine placement has been coordinated with NAS Brunswick. The combined explosive weight stored within the two Type 2 magazines will not exceed 100 pounds net explosive weight (NEW). A 580-foot explosive safety quantity distance (ESQD) arc for Inhabited Building Distance (IBD) requirements, and a 348-foot ESQD arc for Public Traffic Route (PTR) requirements will be established.

One of the Type 2 magazines will be used for storage of donor explosive charges and will be placed on an existing concrete pad that was previously established and grounded for use with Type 2 magazines. The other Type 2 Magazine will be separated by 30 feet (based on siting requirements) from the other Type 2 magazine and will be used for storage of any MEC item that is safe to move but cannot be treated on the same day it is discovered. The existing grounding system for the donor explosive charges storage will be tested and replaced if necessary. A new grounding system for the other Type 2 magazine will be installed.

- 2. Guidance has since changed concerning establishment of a test plot for quality assurance/quality control (QC) purposes for testing equipment and personnel. Therefore, the Instrument Test Strip (ITS) planned for use during the TCRA, involving use of surrogate munitions items, will be changed to an Instrument Verification Strip (IVS), involving use of industry standard objects (ISOs):**

To test the detector-aided surface and subsurface survey instruments, the Unexploded Ordnance QC Specialist (UXOQCS) will use the IVS to provide rigorous QA/QC. The IVS will be seeded by Tetra Tech using ISOs, and each seed item will be labeled with a unique identifier, photographed (open hole), and located in relation to the IVS survey ends that will also be located.

The following seed items will be buried 10 feet apart in a horizontal orientation at the following depths.

<b>Item and Burial Depth</b>	<b>Burial Depth (bgs)</b>
Small (1-inch D 4-inch long pipe) <sup>(1)</sup>	6 inches
Small (1-inch D 4-inch long aluminum pipe) <sup>(2)</sup>	6 inches
Small (1-inch D 4-inch long pipe) <sup>(1)</sup>	12 inches
Small (1-inch D 4-inch long aluminum pipe) <sup>(2)</sup>	12 inches

1 Used to test ability to detect ferrous items.

2 Used to test ability to detect non-ferrous items.

bgs – Below ground surface.

The IVS will be buried in locations free from anomalies at depths up to 12 inches bgs.