



DEPARTMENT OF THE ARMY
HUNTSVILLE CENTER, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

REPLY TO
ATTENTION OF:

CEHNC-OE-CX (200-1c)

16 May 2008

MEMORANDUM FOR US Army Engineer District, Huntington
(CELRH-PM-PP-P/Rick Meadows), 502 8th Street, Huntington, WV 25701-2070

SUBJECT: Result of the Technical Advisory Group (TAG) Review of Preliminary Assessments (PA) and Fact Sheets for Defense Environmental Restoration Program Formerly Used Defense Sites (DERP-FUDS)

1. The following enclosed PA and Fact Sheet is finalized.

Project Number

Site Name

G03WV0013

West Virginia Maneuver Area/Dolly Sods

2. Recommended strategy for future actions to be taken by the Project Manager is included in the enclosed fact sheets. Supporting data for TAG decisions are also included with the fact sheets.
3. Fact sheets, supporting data and corrected pages, due to prior reviews, are to be distributed with the subject PAs.
4. Subject PAs are recommended to be final when enclosed fact sheets, supporting data and corrected pages are included as a part of the project package.
5. The POC is Ms. Gail Emanuel, commercial 256-895-1812, DSN 760-1812, and fax 256-895-1767.

FOR THE DIRECTOR:

Encl


GAIL H. EMANUEL
Archives Search Report Manager
For Ordnance and Explosives Team

RESTORATION INFORMATION MANAGEMENT SYSTEM
PROJECT FACT SHEET
FORMERLY USED DEFENSE SITES
January 2008
Final TAG Review Date: 1 May 2008

1. **SITE NAME:** West Virginia Maneuver Area/Dolly Sods

SITE NUMBER: G03WV0013

LOCATION: City: Davis
Counties: Grant, Pendleton, Preston,
Randolph, and Tucker
State: West Virginia

PROJECT NUMBER: G03WV0013

CATEGORY: MMRP

INPR RAC: N/A

PA MRSPP: Priority 3

TAG RAC: See Issues and Concerns

2. **POC'S:**

GEOGRAPHIC DISTRICT:
Name: Rick Meadows
Office: CELRH-PM-PP-P
Phone: 304-529-5388

GEOGRAPHIC DIVISION:
Name: Patty Bertsch
Office: CELRD-PDM
Phone: 513-684-6248

HEADQUARTERS:
Name: Dale Moeller
Office: CEMP-RF
Phone: 202-761-4649

ASR/INPR TEAM:
Name: Bradford McCowan
Office: CEHNC-OE-CX
Phone: 256-895-1174

ASR SUPPORT DISTRICT:
Name: Nickolas McHenry
Office: CELRH-EC-CE
Phone: 304-399-5909

ASR TECHNICAL REVIEWER:
Name: Michael Lockwood
Office: SJMAC-ESM
Phone: 918-420-8121

3. **SITE DESCRIPTION:**

a. West Virginia Maneuver Area/Dolly Sods is in Grant, Pendleton, Preston, Randolph, and Tucker Counties, West

Virginia, near Davis, WV and consists of approximately 2,180,367 acres.

b. The property was established as a maneuver and mountain training area for divisional units in World War II. Rifle ranges, an infiltration course, firing ranges with artillery and mortar firing points, and ammunition storage areas were established on the property.

c. During the property visit the team did not find MEC, CWM or munitions debris.

4. **SITE HISTORY:**

a. The DOD initially acquired the land starting on 4 August 1943 through use permit with the Department of Agriculture and subsequent lease agreement throughout 1943 and 1944.

b. There is evidence of MEC use on this property. Artillery and mortar ammunition, anti-tank rockets, pyrotechnics, and small arms ammunition were fired during training on the property.

c. There is no evidence of chemical warfare material storage, training or disposal on this property.

d. A Report of Decontamination was issued for this property. Engineer Bomb and Shell Disposal team No. 6, supervising a 20-member civilian search crew, conducted clearance operation in the "Impact Area" between 30 March and 24 May 1946. The report states "the land is not suitable for cultivation" Certain areas were declared entirely safe.

e. There have been reports of MEC on the property since its closure. UXO consisting of 60mm and 81mm mortar rounds, rockets, and artillery munitions have been found on the property.

e. The property was disposed of starting with lease termination on 5 February 1946 and ending the cancellation of the use permit on 10 August 1946.

5. **PROJECT DESCRIPTION:**

MRS #1 Dailey Infiltration Camp

Size: Unknown acres
Former Use: Infiltration training
Present Use: Monongahela National Forest,
grazing
Possible End Use: Same
MEC Presence:
Confirmed: None
Potential: Pyrotechnics, MC: explosive residue
PA Recommends: MRSPP Priority 4
HNC Safety: N/A

MRS #2 WVMA Ammunition Depot

Size: 4 acres
Former Use: Munitions storage
Present Use: Cemetery
Possible End Use: Same
MEC Presence:
Confirmed: None
Potential: None
PA Recommends: MRSPP Priority 6
HNC Safety: N/A

MRS #3 Maneuver Area

Size: 350,416.37 acres
Former Use: Infantry mountain training
Present Use: Monongahela National Forest
Possible End Use: Same
MEC Presence:
Confirmed: None
Potential: Practice munitions
PA Recommends: MRSPP Priority 7
HNC Safety: N/A

MRS #4 Fore Knobs/Bear Rocks Firing Ranges

Size: Unknown acres (required)
Former Use: Artillery Impact Area
Present Use: Monongahela National Forest
Possible End Use: Same

MEC Presence:
Confirmed: UXO, 105mm artillery munitions,
60mm/81mm mortar munitions
Potential: Same
PA Recommends: MRSPP Priority 3
HNC Safety: N/A

MRS #5 Bearden Knob Firing Range

Size: Unknown acres (required)
Former Use: Artillery Impact Area
Present Use: Monongahela National Forest
Possible End Use: Same
MEC Presence:
Confirmed: UXO, 105mm munitions,
anti-tank rockets
Potential: artillery munitions
PA Recommends: MRSPP Priority 3
HNC Safety: N/A

MRS #6 Brown/Cabin Mountain Firing Ranges

Size: Unknown acres (required)
Former Use: Artillery Impact Ranges
Present Use: Monongahela National Forest
Possible End Use: Same
MEC Presence:
Confirmed: UXO, 105mm munitions
Potential: 60mm and 81mm mortar munitions,
105mm and 155mm, anti-tank rockets
PA Recommends: MRSPP Priority 3
HNC Safety: N/A (Concur)

MRS #7 Buena Small Arms Firing Range

Size: Unknown acres (required)
Former Use: Small arms rifle range
Present Use: Monongahela National Forest
Possible End Use: Same
MEC Presence:
Confirmed: None
Potential: Expedited small arms ammunition

PA Recommends: MRSPP Priority 4
HNC Safety: N/A

6. **CURRENT STATUS:**

The U.S. Army Corps of Engineers, Huntington District, completed the Preliminary Assessment for the West Virginia maneuver Area/Dolly Sods in January 2008.

7. **STRATEGY:**

SI

8. **ISSUES AND CONCERNS:**

The Huntsville Center Technical Advisory Group met and evaluated this PA on 1 May 2008. The consensus was a score of MRS #1: Priority 5, MRS #2: Priority 7, MRS #3: Priority 7, MS #4: Priority 3, MRS #5: Priority 3, MRS #6: Priority 3 and MRS #7: Priority 7. The TAG felt the PA was incomplete and required acreage and GIS map of the firing ranges. It was the consensus to return the PA to the district for completion. The TAG also discussed the following:

a. The Preliminary Assessment Munitions Response Site Prioritization Protocol (MRSPP) assigned an overall Priority 3 rating for the property.

b. The HNC Reviewer commented on the types of munitions found on the property and recommended modifications be made to their nomenclature. [Note: 3.5-inch anti-tank (bazooka) rockets seem correct however.] The reviewer recommended removal of HNC statement concerning non-hazardous condition of rockets found on the property. The reviewer also noted Appendix N, MRSPP for each of six areas was not completed, making it difficult to evaluate the MRSPPs. (See Attached)

c. There are known Federally-and State-listed species occurring in the site area. An on-site inspection by the appropriate federal and state personnel may be necessary to verify the presence, absence or location of listed species, or natural communities.

d. Some MRS areas were given an extremely high Priority rating, especially MRS #2, the WVMA Ammunition Depot which was given a Priority 6 rating. This seems to be based solely on the fact that this area served as the main ammunition storage area and not on the presence or suspected presence of Munitions and Explosive of Concern

(MEC) remaining in this area. MRS #7, Buena Small Arms Firing Range which as given a Priority 4 rating. Recommend each MRSPP be reassessed and completed MRSPPs be included in the PA.

9. **SCHEDULE SUMMARY:**

<u>Phase</u>	<u>Orig.</u>	<u>Sch.</u>	<u>Actual</u>	<u>Orig.</u>	<u>Sch.</u>	<u>Actual</u>
	<u>Start</u>	<u>Start</u>	<u>Start</u>	<u>Comp.</u>	<u>Comp.</u>	<u>Comp.</u>

10. **FUNDING/BUDGET SUMMARY:**

<u>Year</u>	<u>Phase</u>	<u>EXEC</u>	<u>IN House</u>	<u>Contract</u>	<u>Funds</u>
		<u>FOA</u>	<u>Required</u>	<u>Required</u>	<u>Obligated</u>

X PA/INPR TEAM REVIEW PA TAG MMRP
 DATE 16 April 2008
 NAME Michael Lockwood (918) 420-8121

ITEM	DRAWING NO. OR REFERENCE	COMMENT	ACTION
1.	General	<p>Draft PA for West Virginia Maneuver Area/Dolly Sods, Grant, Pendleton, Preston, Randolph, and Tucker Counties, WV was reviewed for accuracy and completeness. Based on this review the following comments are provided:</p>	
2.	General	<p>The Preliminary Assessment Munitions Response Site Prioritization Protocol (MRSPP) assigned an overall Priority 3 rating for the property.</p>	
3.	HNC Reviewer	<p>The HNC Reviewer commented on the types of munitions found on the property and recommended modifications be made to their nomenclature. [Note: 3.5-inch anti-tank (bazooka) rockets seem correct.] The reviewer recommended removal of HNC statement concerning non-hazardous condition of rockets found on the property. The reviewer also noted Appendix N, MRSPP for each of six areas was not completed, making it difficult to evaluate the MRSPPs. (See Attached)</p>	
4.	General	<p>There are known Federally-and State-listed species occurring in the site area. An on-site inspection by the appropriate federal and state personnel may be necessary to verify the presence, absence or location of listed species, or natural communities.</p>	

U. S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
DESIGN REVIEW COMMENTS
 CORPS OF ENGINEERS
 PROJECT DERP FUDS **West Virginia Maneuver Area**
/Dolly Sods
G03WV0013

X PA/INPR TEAM
 REVIEW PA TAG MMRP
 DATE 1 May 2008
 NAME Michael Lockwood (918) 420-8121

ITEM DRAWING NO. OR REFERENCE COMMENT ACTION

5. General
 Some MRS areas were given an extremely high Priority rating, especially MRS #2, the WVMA Ammunition Depot which was given a Priority 6 rating. This seems to be based solely on the fact that this area served as the main ammunition storage area and not on the presence or suspected presence of Munitions and Explosive of Concern (MEC) remaining in this area. MRS #7, Buena Small Arms Firing Range which as given a Priority 4 rating. Recommend each MRSPP be reassessed and completed MRSPPs be included in the PA.

6. General
 The Huntsville Center Technical Advisory Group met and evaluated this PA on 1 May 2008. The consensus was a score of MRS #1: Priority 5, MRS #2: Priority 7, MRS #3: Priority 7, MS #4: Priority 3, MRS #5: Priority 3, MRS #6: Priority 3 and MRS #7: Priority 7. The TAG felt the PA was incomplete and required acreage and GIS map of the firing ranges. It was the consensus to return the PA to the district for completion.

DESIGN REVIEW COMMENTS

<input type="checkbox"/> SITE DEV & GEO	<input type="checkbox"/> MECHANICAL	<input type="checkbox"/> SAFETY	<input type="checkbox"/> SYSTEMS ENG	REVIEW DATE 3 March 08 Walt Zang, CEHNC-CX-MM, 256-426-0664
<input type="checkbox"/> ENVIR PROT& UTIL	<input type="checkbox"/> MFG TECHNOLOGY	<input type="checkbox"/> ADV TECH	<input type="checkbox"/> VALUE ENG	
<input type="checkbox"/> ARCHITECTURAL	<input type="checkbox"/> ELECTRICAL	<input type="checkbox"/> ESTIMATING	<input checked="" type="checkbox"/> CX-MM	
<input type="checkbox"/> STRUCTURAL	<input type="checkbox"/> INST & CONTROLS	<input type="checkbox"/> SPECIFICATIONS		

ITEM	DRAWING NO. OR REFERENCE	COMMENT	ACTION
1.	Pg 17 2 nd sub paragraph line 7	There is no 19 inch mortar. If 19 is the amount you found than please change from "Inert (19, 4.2 inch mortars)" to read "19 inert 4.2 inch mortars."	
2.	Pg 48 par 4.2.1.3	Please change 3.5 inch rocket to 3.25 inch rocket.	
3.	Pg 44 par 4.2.1	Please add 3.25 inch rocket to the list of ordnance. IAW pg 48 paragraph 4.2.1.3	
4.	Appendix L pg 3/4 3 rd sub paragraph	There is information on this page that wasn't completed. For example who is MR XXXXX, and he said XXXXXXXXX.	
5.	Pg 62 line 9	Please remove (no explosive components as per information received from Mr Bill Veith, Huntsville CX). Even though these rockets do not contain an explosive filler, they do/can contain a propellant charge, and still can be hazardous. The way this paragraph is written it might give the reader the impression that when the rockets are found they are safe to handle.	
6.	Appendix N	Table A is missing for all the individual sites. When table A is added please make sure the project number, FFID number, RMIS number is included and the table is IAW chapter 4 of Munitions Response Site Prioritization Protocol Primer DTD April 2007.	
7.	Appendix N All tables	IAW MRSPP Primer dtd 4/07. Under the notes in each table, please reference where this information is located within the PA. And please add any specific data used in selecting the specific classification.	
8.	General	Appendix N was not reviewed. Tables, information and, reference sources were missing for the 9 individual sites making reviewing very difficult. Once information is added, a complete review of appendix N will need to be completed.	

ACTION CODES W - WITHDRAWN
 A - ACCEPTED/CONCUR N - NON-CONCUR
 D - ACTION DEFERRED VE - VE POTENTIAL/VEP ATTACHED