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MILITARY MUNITIONS RESPONSE PROGRAM (MMRP) SITE INSPECTION TECHNICAL
PROJECT PLANNING (TTP) MEETING 2 FINAL MEETING MINUTES FORT STORY VA
3/18/2008
URS



FINAL MEETING MINUTES

PURPOSE: Fort Story MMRP Site Inspection
Technical Project Planning Meeting 2

LOCATION: Fort Eustis, VA Building 1407

DATE: 18 March 2008

TIME: 0900 - 1200

Attendees	Organization	Phone	email
Scott McClelland	URS	301-258-5876	Scott_mcclelland@urscorp.com
Travis McCoun	USAEC	410-436-1529	Travis.mccoun@us.army.mil
Amber Michel	DPW-ENRD Fort Eustis (ASIS)	757-878-4123	Amber.michel@us.army.mil
Wade Smith	VA DEQ	804-698-4125	wmsmith@deq.virginia.gov
Clyde Lichtenwalnar	USACE, Baltimore	410-779-0014	Clyde.h.lichtenwalnar@usace.army.mil
Joanna Bateman	DPW-ENRD Fort Eustis	757-878-4123	Joanna.g.bateman@us.army.mil
Francis Coulters*	USAEC	410-436-1527	francis.coulters@us.army.mil

*Attended via phone.

The meeting started off with introductions at 0930.

A hard copy of a power point presentation was provided to all attendees and Scott McClelland led an open discussion following the presentation handout. The following items were discussed:

1. The goals of the MMRP SI were reviewed as a reminder that the purpose of the SI was to make a decision regarding if any additional study (i.e., RI/FS), a removal action; or No Further Action was appropriate for each Munitions Response Site (MRS).
2. The purpose of the meeting was discussed, with the objective being to present the findings of the Historical Records Review, discuss the path forward, and reach consensus on this path.
3. An overview of the HRR was provided following the presentation with the following items discussed.
 - a. The Small Arms Range, which was identified as the only MRS identified during the CTT Inventory, was discussed first. It was noted that since the time that the CTT Inventory was completed, the operational range area at

Fort Story has been changed. This change resulted in the Small Arms Range now being located within an operational range area, and no longer eligible for inclusion in the SI.

- b. Wade Smith of VDEQ asked for additional information regarding the change in operational range areas which prompted the additional discussion regarding how the operational range areas are defined, and by whom. Travis McCoun and Fran Coulters of USAEC provided a summary of this process, and Travis McCoun pointed out that operational ranges are being assessed through the Army's Operational Range Assessment Program. It was pointed out that the Army G3 and installation range operators are responsible for defining operational range areas. Ms Joanna Bateman noted that an area along the western coast line of Fort Story is where there are a number of beach cottages which did not seem compatible with training. It was noted that the operational range areas were provided to URS by the Army G3 at the initiation of the SI, and that neither USAEC nor Fort Story/Eustis environmental personnel define the operational range areas. The discussion concluded with the fact that the Small Arms Range is located within an operational range area, and it is not eligible for inclusion as part of the Fort Story MMRP SI.
- c. Discussion was held regarding the discovery of multiple gun batteries at Fort Story that was presented in the HRR, and how the historical firing fans (aka "fields of fire") were used to define a new Munitions Response Site (MRS) called the Inner Coastal Defense Range. Key components of this discussion included:
 - i. The purpose of the batteries was to protect the entrance to the Chesapeake Bay during WWI and WWII, and gun size ranged from .50 caliber machine guns to 16" artillery guns.
 - ii. Firing for training purposes was directed out into the Bay and Atlantic Ocean.
 - iii. Coastal erosion has destroyed some of the former battery locations.
 - iv. Historical documents were found that indicate the guns were fired for training, and additional documents detailed the type of munitions allotted for training and the typical range layout.
 - v. The methodology used to create the limits of the Inner Coastal Defense Range was presented. The key factors used to develop the range boundary included: portions of multiple historical firing fans from guns/batteries that fired high explosive (HE)-filled munitions; safety zones for the standard range layout; and the locations of former underwater mine fields.
- d. Discussion was held regarding the implications of firing fans from other coastal artillery installations that may overlap the Inner Coastal Defense Range site. These installations included Fort Monroe (BRAC); Fort Wool (FUDS); Fort Custis (FUDS); and Fishermans Island (FUDS). Based on the Fort Monroe HRR and the Fort Wool SI; munitions and training

associated with these installations does not overlap the Inner Coastal Defense Range. Historical documents indicate that historical firing fans from guns at Fort Custis and Fishermans Island overlap portions of the Inner Coastal Defense Range. It was presented that the portions of these historic firing fans that overlapped with the Inner Coastal Defense Range would be considered part of the site, but that portions of these historical firing fans that do not overlap with the Inner Coastal Defense Range can not be addressed under the Fort Story MMRP site and will fall under the FUDS program.

- e. The conceptual site model of the Inner Coastal Defense Range was discussed, with the primary receptors being dredge workers. It was noted that nautical charts have annotations that restrict dredging and other activities that disturb the ocean floor due to the potential presence of mines. However, it was noted that portions of two dredged shipping channels are within the site, meaning that this pathway may be complete.
4. Information on dredging activities obtained from the Norfolk District was presented, and that the dredge spoils were placed offshore at the Dam Neck Disposal Site. Based on the nautical maps of the area, this location falls within an active firing fan operated by the Navy; therefore, it can not be included as an MMRP site. Wade Smith requested a copy of the map (NOAA Chart 12207) depicting this area, which was provided to him in a separate transmittal on 1 April 2008.
5. It was discussed that the typical next step in the MMRP SI process would be to collect field data to determine if an RI is warranted. However, with the documentation obtained during the HRR, there is sufficient evidence to conclude that an RI is needed. Therefore, it was decided that following receipt of VDEQ comments on the Stakeholder Draft HRR, these comments would be incorporated directly into an SI Report that includes all of the HRR information as well as the MRSPP scoring and a recommendation that the site move forward in the MMRP.
6. Wade Smith asked if there were any bodies of land that existed within the Inner Coastal Defense Range site. Based on a review of the maps presented in the HRR, there did not appear to be. A check of nautical maps following the TPP meeting confirmed this conclusion.
7. Other issues and discussion included:
 - i. The Army has already advertised a public notice related to the MRSPP scoring.
 - ii. The planned schedule for the remainder of the SI process was discussed.

iii. Wade Smith provided editorial comments on the Stakeholder Draft HRR directly to Scott McClelland, and stated that he will provide written comments in April.

8. The meeting concluded at approximately 1200.