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MINUTES FROM 7 AUGUST 2007 TECHNICAL REVIEW COMMITTEE MEETING WITH
TRANSMITTAL EMAIL MCRD PARRIS ISLAND SC
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Subject: TRC Meeting minutes from Aug 07 meeting
Date: Friday, November 09, 2007 3:43:38 PM
Attachments: [MCRD PI TRC_Aug07.doc](#)

See attached.

FYI - only. Tim, feel free to modify if need be.

Thanks,
Lila

(See attached file: MCRD PI TRC_Aug07.doc)

MCRD PARRIS ISLAND
TECHNICAL REVIEW COMMITTEE (TRC) MEETING SUMMARY
August 7, 2007
MCRD PARRIS ISLAND, SOUTH CAROLINA

ATTENDEES

Tim Harrington (MCRD PI)
Heber Pittman (MCRD, PI)
Lila Llamas (US EPA)
Meredith Amick (SCDHEC)
Joe Bowers (SCDHEC)
Art Sanford (NAVFAC)
Mac McRae (TechLaw)
Debra Kramer (ICLD)
Mark Sladic (Tetra Tech)
Reed Armstrong (TRC Community member)
Jim Mackey (TRC Community member)
Al Segars (TRC Community member)

Tim Harrington welcomed all attendees. Tim stated the agenda for the technical review committee (TRC) meeting included an update of the planned construction activities for the Depot over the next several years and planned activities for the former firing ranges. Tim began the meeting with a PowerPoint™ presentation titled “Increased Accessions Ranges Environmental Vulnerability Assessment Munitions Response Program (MRP)”.

In summary, the Marine Corp plans to increase troop levels to “202K” and it will be the mission of MCRD, Parris Island to support the “202K Increased Accessions” across the “Future Year Defense Plan” to be fully functional and complete by fiscal year 2012 (FY12). MCRD PI has established a strategic plan to attain and sustain the 202K milestone by FY12. The current leadership, number of drill instructors and graduating recruits are not sufficient to achieve the 202K plan. The solution is to add an additional company to 3d Battalion utilizing the projected increases in officers and drill instructors in FY08. Modifications will be required to existing 3d Battalion military construction (MILCON). Two-hundred and fifty million dollars worth of construction is planned over the next three years to provide the facilities to meet the 202K Increased Accessions plan.

Another goal of the 202K plan is to maintain the deployment to dwell ratio at 1:2, or 1 year deployed and 2 years at home. Improvements and renovation to Range Complexes are planned and include installing new berms and raising the current height of berms to meet range facilities safety requirements. Due to erosion the current height of the berms is lower than the required safety height at some locations and berms may need to be extended in some areas. Also planned for the ranges is the implementation of an automated scoring system for the firing ranges. The automated system will improve the overall training efficiency on the firing ranges. In support of increased accession and the new MILCON coming on-line additional civilian personnel will be

required and added over the next several years. The next several slides presented a map of the Depot and the locations of the planned MILCON, range renovations and improvements for the fiscal years (FY) 2008 through 2015.

The next set of slides presented the “Range Environmental Vulnerability Assessment (REVA)” and provides for a snapshot of environmental conditions of the operational ranges, a detailed assessment of potential migration off range, and valuable information for long-term sustainment strategies. Under REVA lead is also assessed, however, the dissolution rates reflective of fate and transport of lead from bullets have not been established with any degree of certainty within the scientific community and therefore, small arms ranges are *only* qualitatively assessed. As such, Dr. Alan Warren from the University of South Carolina will conduct a chemical analysis evaluation and Dr. Paul Work with the Georgia Institute of Technology will conduct the sediment transport study with respect to lead at the small arms ranges at MCRD PI. It was noted that the ranges at MCRD PI are not homogenous, and that they include wetlands and tidal creeks. The chemical analysis will evaluate the boundaries of the ranges.

The TRC asked what levels of lead and copper were being detected. Tim indicated lead was measured at 60,000 milligrams per kilogram (mg/Kg) and copper measured 7,000 mg/Kg. The physical distribution of the lead and copper will be the most difficult to determine. The TRC asked if fish and invertebrate tissue will be evaluated. Tim indicated the REVA study would include biota sampling, but was not sure what specific animals would be sampled.

The next series of slides discussed the Munitions Response Program (MRP) which involves a site investigation of the historic and inactive ranges. Several slides showing the historic locations of former ranges at MCRD PI were presented. The TRC asked if MCRD PI was confident that all the former ranges have been identified. Tim said yes, that all the historic ranges have been identified. The MRP sites will be managed by the MCRD PI Project Team.

END