

M67001.AR.006106  
MCB CAMP LEJUENE  
5090.3a

U S NAVY RESPONSE TO COMMENTS ON SUMMARY OF DELINEATION ACTIVITIES FOR  
REMAINING NTCRA AREA SITE UNEXPLODED ORDNANCE 23 (UXO 23) MCB CAMP  
LEJEUNE NC  
06/05/2014  
CH2M HILL

---

## Response to Comments

# Summary of Delineation Activities for Remaining NTCRA Area, Site UXO-23, Marine Corps Installations East – Marine Corps Base Camp Lejeune, North Carolina

PREPARED FOR: MCIEAST-MCB CAMLEJ Partnering Team

PREPARED BY: CH2M HILL

DATE: June 5, 2014

This technical memorandum presents the responses to comments received regarding the Summary of Delineation Activities for Remaining NTCRA Area, Site UXO-23, Marine Corps Installations East – Marine Corps Base Camp Lejeune, North Carolina. Comments were received from the North Carolina Department of Environmental and Natural Resources (NCDENR) on April 22, 2014. United States Environmental Protection Agency (USEPA) indicated a response of no additional comments by email on June 2, 2014. Responses to comments are provided in bold.

### NCDENR Comments

1. The delineation process as discussed in this Technical Memorandum and in the work plan appear to be effective and the analytical results look good. The State concurs with the conclusion of the investigation. During the actual soil excavation and removal process we should take care to provide for potential additional horizontal and vertical excavation based on visual observation for low volumes. However, it would probably be worth the effort to sample and confirm contaminant levels in areas outside the proposed excavation grids that exceed 2,500 square feet. We may wish to discuss this at some point prior to finalizing the removal action work plan.

**The horizontal extent was previously defined and soil from all the surrounding grids was removed during the initial NTCRA activities. This additional sampling effort was conducted to confirm the vertical extent for these select remaining grids where deeper contamination was encountered. Several samples were collected from each grid at varying depths and were analyzed sequentially until the final results met the PALs. Therefore, the removal can be based on these results and no additional sampling should be needed unless visual observations of skeet are encountered at depth.**