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MCB CAMP LEJEUNE  
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U S NAVY RESPONSES TO NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND  
NATURAL RESOURCES COMMENTS TO DRAFT PHASE III VAPOR INTRUSION  
EVALUATION REPORT MCB CAMP LEJEUNE NC

09/09/2011  
CH2M HILL

# Response to Comments

## Draft Phase III Vapor Intrusion Evaluation Report

### Marine Corps Base Camp Lejeune, North Carolina

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#### Introduction

The purpose of this document is to address comments on the Draft Phase III Vapor Intrusion Evaluation Report. No comments were received from the United States Environmental Protection Agency (US EPA). The North Carolina Department of Environment and Natural Resources (NCDENR) provided the comments listed below. The responses to comments are provided in bold.

#### North Carolina Department of Environment and Natural Resources Comments (dated March 22, 2011)

##### General Comments

The Report appears to be in good order and the Multiple Lines of Evidence (MLE) increase confidence regarding the final conclusions for VI at each building. The empirical Attenuation Factors (AFs) for Sub-slab to Indoor Air Attenuation appear to be reasonable and calculated in the same manner as the EPA Screening Level AFs. Therefore, the NC Superfund Section concurs with the conclusions and recommendations of the Vapor Intrusion evaluation at the various buildings at Camp Lejeune as discussed in the Report.

**This comment is respectfully acknowledged.**

##### Specific Comments

1. The conclusions section on page 4-12 of Volume 2 for building 3B references building 3 rather than building 3B. Please make appropriate corrections.

**The text has been revised from Building 3 to Building 3B.**

2. The second paragraph of Section 5.1 on page 5-2 of Volume 3 references building 115. This paragraph should reference building 1115.

**The text has been revised from Building 115 to Building 1115.**

3. Section 4.2.2 on page 4-7 refers to Phase IIII. Please make appropriate corrections.

**The text has been revised from Phase IIII to Phase III.**

4. Section 4.2 on page 4-1 discusses outdoor air and includes 2 Outdoor Air (OA) samples for Camp Geiger. Section 2.1 also notes that 2 OA samples were collected. However, Table V5-1 only lists 1 OA sample at building TC860. Please clarify or make appropriate corrections.

**The second OA sample (IR35-OA04) collected near Building G531 has been added to Table V5-1.**