

03.01-05/22/96-01679



**DEPARTMENT OF THE NAVY**  
**ATLANTIC DIVISION**  
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22 MAY 1996

From: Commander, Atlantic Division, Naval Facilities  
Engineering Command

To: Commanding General, Marine Corps Base,  
Camp Lejeune (Mr. Neal Paul, EMD/IRD)

Subj: RESPONSE TO COMMENTS, DRAFT RI REPORT OPERABLE  
UNIT NUMBER 12 (SITE 3), MARINE CORPS BASE,  
CAMP LEJEUNE, NC

Encl: (1) Response to Comments concerning the Draft  
RI Report for OU Number 12 (Site 3),  
MCB Camp Lejeune, NC

1. Responses to your comments received via e-mail on March 22, 1996 on the above-referenced document are enclosed. As previously discussed, these responses to comments are being submitted in lieu of a Draft Final RI report for Site 3. Changes reflecting these comments will be included in the Final RI report.

2. In order to meet the submittal date of July 15, 1996 for the Final RI report, please provide any additional comments on the RI report and comments on the enclosed responses by June 15, 1996. Please note that submittal of the Final RI report will be withheld beyond the planned submittal date if necessary to collect and resolve any outstanding comments from the various reviewing agencies. Please direct your comments and any questions to Ms. Katherine Landman at (804) 322-4818.

A handwritten signature in black ink, appearing to read "L. G. SAKSVIG".

L. G. SAKSVIG  
By direction

Copy to:  
Baker Environmental, Inc. (Mr. Matt Bartman)  
~~Activity Admin Record File~~

**Reponses to Comments Submitted by United States Marine Corp  
Installation Restoration Division, Environmental Management Department  
MCB, Camp Lejeune, North Carolina  
on the Draft Remedial Investigation Report for CTO - 0274  
Operable Unit No. 12 (Site 3)  
MCB, Camp Lejeune, North Carolina**

**Comments received March 22, 1996**

**Responses to Specific Comments**

1. The first reference to ENSYS is on page ES-5 in the Executive Summary in the last paragraph. The sentence will be replaced with the following sentences which will more fully explain ENSYS.  
  
"All of the soil samples were analyzed in the field utilizing test kits produced by ENSYS, Inc. (ENSYS). These test kits were for the specific detection/analysis of Polyaromatic Hydrocarbons (PAHs)."
  
2. Section 4.4.1.1, page 4-6, 1st paragraph. Enzyme-Linked Immuno Sorbent Assay (ELISA) is the technology which allows for various organic contaminants to be detected in the field using specific antibodies and enzymes for those contaminants. This technology has been in use in the medical field for over 20 years and has recently been adapted for environmental applications. ENSYS is the company which produced the specific field screening kits that were used during the Phase I investigation at Site 3.

## COMMENTS CONCERNING DRAFT RI FOR OU12, SITE 3

1. Page ES-7, paragraph 5. Please give more details in the Executive Summary as to what ENSYS is (i.e. full name, tests for PAH's)
2. Page 4-6, paragraph 4.4.1.1. Are the ELISA and ENSYS the same thing or are they two different things. If they are different, why would two types of screening of PAH's be used? Please clarify.