



**OHM Remediation  
Services Corp.**

A Subsidiary of OHM Corporation

February 29, 1996

Mr. Lance Laughmiller - Code 18231  
Commander,  
Atlantic Division  
Naval Facilities Engineering Command  
1510 Gilbert Street, Bldg. N-26  
Norfolk, Va. 23511-2699

Re: Video of Biocell Test Pitting  
Lot 203, Site 82  
MCB Camp Lejeune, N.C.

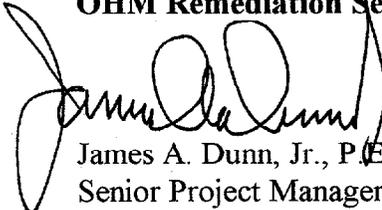
Dear Lance:

Enclosed herewith, please find one tape of the test pitting operations conducted beneath the biocell on February 21 and 22, 1996. As you requested, a copy of the video has been forwarded to each of the recipients listed below. A copy of the Biocell Site Investigation has also been appended for your review.

Should you have any questions regarding the test pitting operations, please do not hesitate to contact us.

Yours truly,

**OHM Remediation Services Corp.**



James A. Dunn, Jr., P.E.  
Senior Project Manager

pc: Neal Paul, EMD  
Gena Townsend, EPA  
Cheryl Hansen, AROICC  
Patrick Watters, NCDEHNR

## BIOCELL SITE INVESTIGATION

### Tuesday 2/20/96

Rig up all gear ready to proceed by 0900. Await arrival of LANTDIV and State representatives.

LANTDIV rep onsite at 1230 but weather has turned inclement. Wait out weather until 1400; then declare rain out. Plan to start at 0700 Wednesday.

### Wednesday 2/21/96

Suit up and check out area. Commence excavation activities at 0900 w/LANTDIV rep onsite. (State unable to attend) First area of excavation is southernmost anomalie in quadrant B - 2. Found nothing but communication wire within anomalie. Procured soil sample and set PVC well pipe to get water sample tomorrow.

Proceeded in a northerly direction to next anomalie. Discovered pieces of 25-30 gallon drums some of which contained a white granular substance. Placed suspected contaminated material into roll-off container. Thickness of debris approximately one foot. Width of debris approximately 10 feet. Moved to northernmost anomalie and found similar debris but thickness increased to approximately two and one-half feet. Excavated back to the south and found that the two suspected contaminated anomalies interconnect. Procured soils samples from beneath both theoretical centers and installed PVC well pipes in each for sampling tomorrow.

The calculated volume of suspected contaminated debris contained within the two anomalies is  $10' \times 85' \times 1.75' = 55$  cubic yards. At 1.55 tons/CY approximate transportation and disposal costs range from \$ 73,100 for incineration; \$29,750 for hazwaste landfill; to \$4,250 for nonhazardous landfill.

Proceeded to excavate the long anomalie at its intersection with quadrant line B - 2/B - 3. Found no evidence of debris. Will choose another point further north along this anomalie for investigation tomorrow.

### Thursday, 2/22/96

The initial excavation Thursday morning was the largest anomalie located in quadrants A - 1 and A - 2. The excavation was performed in a cross pattern 35 feet east-west by 50 feet north-south. The center of this anomalie which measures 12 feet east-west by 20 feet north-south by 2-3 feet deep revealed batteries, communication wire and crushed, empty pails. Similar items have been previously discovered in other areas on Lot 203 and been found to be non-hazardous. A soil sample was procured from beneath the debris and a

## **BIOCELL SITE INVESTIGATION**

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PVC pipe installed as a well casing. Groundwater samples will be procured Friday.

The second area excavated Thursday was the anomalie in quadrant A - 3. This anomalie was found to consist primarily of large spent shell casings 75-105 mm in size. The overall extent of the casings was 15 feet wide by 20 feet long by four feet deep. A soil sample was procured from beneath the casings.

A second excavation was conducted on the long anomalie on the east side of the biocell site. This excavation crossed the anomalie at approximately the midpoint of quadrant B - 1 just past the end of the biocell. No debris was encountered and the excavation was backfilled.