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UNITED STATES MARINE CORPS
Environmental Management Department
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

6286
BEMD
24 May 90

From: Assistant Chief of Staff, Environmental Management
Department
To: Officer in Charge, Facilities Support Contracts,
Jacksonville, NC
Via: Assistant Chief of Staff, Facilities
Subj: JUSTIFICATION EMERGENCY SECURITY FOR THE RIFLE RANGE
CHEMICAL DUMP

1. As requested by your office, the following information is provided to support the fencing of the Rifle Range Chemical Dump.
2. The Rifle Range Chemical Dump is located approximately 9,000 feet east of the intersection of Range Road and Sneads Ferry Road, north of Everett Creek. The site is an estimated six acres in size, containing approximately 93,000 cubic yards of hazardous materials. Contamination at the Rifle Range Chemical Dump is extensive. Volatile Organic Compounds have been identified in all media sampled. In addition, pesticides and penta-chlorophenol have been identified in the surface water and sediment at this site. It appears that the contamination detected is concentrated at the southern portion of the filled area. Evidence of the contaminants indicate that some of the buried material is near the surface. Any disturbance of the surface soils may expose hazardous materials to the atmosphere.
3. This site presents a high risk for direct human contact exposure to the hazardous contaminants. The mixed waste present at this site and its proximity to significant aquatic environment, Marine training areas and a newly constructed elementary school represent a high risk to human health and the environment. Due to the significant risk to human health, the Installation Restoration Program for Camp Lejeune and the Department of Navy have determined that the entire site urgently needs to be secured. EPA Region IV and the State have concurred with the immediate fencing of the entire site.
4. As discussed on the 8 May 1990 site visit with Mr. Junior Johnson, Facilities Support Contract Manager, the site will be enclosed by a six foot fence, with barbed wire at the top. There will be one main gate (2 car wide). Hazardous waste signs have been prepared by Base Maintenance and placed on trees every 50 to 60 feet to denote the restricted area.

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5. Forestry Division, EMD, and AC/S Facilities have undertaken and completed clearing ground space encircling the site in order that the security fence may be installed.

6. Funds for the security measures to be taken at the Rifle Range Chemical Dump have been forwarded by the DON under the DERA program. The Environmental Management Department's point of contact is Stephany Del Re', extension 5093.

J. I. WOOTEN