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State of North Carolina  
Department of Environment, Health, and Natural Resources  
Wilmington Regional Office

James G. Martin, Governor  
William W. Cobey, Jr., Secretary

Bob Jamieson  
Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT

Groundwater Section

June 21, 1991

Colonel T. J. Dalzell  
Assistant Chief of Staff  
Building 1  
Marine Corps Base  
Camp Lejeune, North Carolina 28452-5001

Subject: Well Construction Permit No. 66-0135-WM-0223  
Crash Crew Burn Pit  
Marine Corps Base  
Camp Lejeune  
Onslow County

Dear Colonel Dalzell:

In accordance with your application received June 7, 1991, we are forwarding herewith Well Construction Permit No. 66-0135-WM-0223 dated June 21, 1991, issued to United States Marine Corps for the construction of one (1) monitoring wells.

If any parts, requirements, or limitations contained in this Permit are unacceptable to you, you have the right to an adjudicatory hearing before a hearing officer upon written demand to the Director within 30 days following receipt of this Permit, identifying the specific issues to be contended. Unless such demand is made, this Permit shall be final and binding.

This Permit will be effective from the date of its issuance and shall be subject to the conditions and limitations as specified therein.

Sincerely,

A. Preston Howard, Jr., P.E.  
Regional Supervisor

CLW

APH/RSS/SLC/lfc

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Enclosure

cc: Norma Valenzi  
Perry Nelson  
WiRO - GWS

NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES

RALEIGH, NORTH CAROLINA

PERMIT FOR THE CONSTRUCTION OF A WELL OR WELL SYSTEM

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO

United States Marine Corps Base

FOR THE CONSTRUCTION OF one (1) monitoring wells, which will be exposed to the Surficial Aquifer, and which will be located at the Crash Crew Burn Pit, Camp Lejeune, Onslow County, in accordance with the application dated June 6, 1991, and in conformity with specifications and supporting data, all of which are filed with the Department of Environment, Health and Natural Resources and are considered a part of this Permit.

This Permit is for well construction only, and does not waive any provisions or requirements of the Water Use Act of 1967, or any other applicable laws or regulations.

Construction of a well under this Permit shall be in compliance with the North Carolina Well Construction Regulations and Standards, and any other laws and regulations pertaining to well construction.

This Permit will be effective from the date of its issuance until December 22, 1991, and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. The well(s) shall be located and constructed as shown on the attachments submitted as part of the permit application.

Permit issued this the 21st day of June 1991.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

A. Preston Howard, Jr., P.E., REGIONAL SUPERVISOR  
Division of Environmental Management  
By Authority of the Environmental Management Commission

PERMIT NO. 66-0135-WM-0223

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NORTH CAROLINA  
 ENVIRONMENTAL MANAGEMENT COMMISSION  
 DEPARTMENT OF ENVIRONMENT, HEALTH, & NATURAL RESOURCES  
**APPLICATION FOR PERMIT TO CONSTRUCT MONITOR/RECOVERY WELL(S)**

To: NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION 6/6, 19 91

Gentlemen :

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina, and regulations pursuant thereto, application is hereby made by U.S. NAVY  
CAMP LEJEUNE, N.C. for a permit to construct the monitor/wells  /recovery

(name of well owner)

well(s)  . As described below and in the accompanying data submitted as a part of this application.

(A) Name of property owner : U.S. NAVY

(B) Location of property : CAMP LEJEUNE N.C. JACKSONVILLE, ONSLOW COUNTY  
 (Road, Industry, Community, etc.) Town County

(C) Type of facility or site being monitored : MILITARY BASE

(D) Types of contamination being monitored or recovered: FUELS, SOLVENTS, METALS

(E) Existing monitor well numbers : UNKNOWN

(F) Existing monitor wells showing contamination (well no. ) : UNKNOWN

(G) Estimated water-table depth : 15 feet

(H) Estimated date of construction : Begin 6/10/91 Complete 6/30/91

(I) Drilling contractor : HARDIN-HUBER, INC.

(J) Location of well(s) : Provide a detailed map showing the locations of all of the following :  
 (1) Proposed well(s), (2) All existing monitoring, recovery, water-supply or other wells or test borings within the property boundary, (3) All surface water bodies (streams, ponds, etc.) within a immediately adjacent to the property on which the proposed wells will be constructed, and (4) At least (2) nearby permanent reference points as roads (use rural, state or federal numbers), intersections or streams.

(K) Well construction diagram : Provide a diagram showing proposed construction specifications, including diameter, estimated depth, screens, sand pack, type of materials, etc.

CAMP LEJEUNE MILITARY RESERVATION  
JACKSONVILLE, N.C.

(Mailing Address of Well Owner-Required)

NUS CORP. / PARK WEST TWO  
CLIFF MINE RD.  
PITTSBURGH, PA. 15275-1071

(Mailing Address of Agent-if other than above)

The Applicant hereby agrees the proposed well will be constructed in accordance with approved specifications and conditions of the Well Construction Permit. As regulated under the Well Construction Standards (Title 15 - North Carolina Administrative Code, Subchapter 2C).

Norma Valenzi for NUS Corp.  
 Signature of Well Owner or Agent  
Operations Administrator

**RECEIVED**

JUN 7 1991

GROUNDWATER SECTION  
 WILMINGTON REGIONAL OFFICE

SUBMIT COMPLETED APPLICATION TO APPROPRIATE OFFICE LISTED ON REVERSED

<b>FOR OFFICE USE ONLY</b>	
<input type="checkbox"/>	PERMITTED ACTIVITY
<input type="checkbox"/>	U.S.T. LEAK DETENTION
<input type="checkbox"/>	GROUNDWATER QUALITY STANDARDS VIOLATIONS SUSPECTED FROM UNPERMITTED ACTIVITIES
<input type="checkbox"/>	NOTICE OF NON-COMPLIANCE AT UNPERMITTED FACILITIES
PERMIT NO. _____ ISSUED <u>00000002095</u>	

**CLW**