



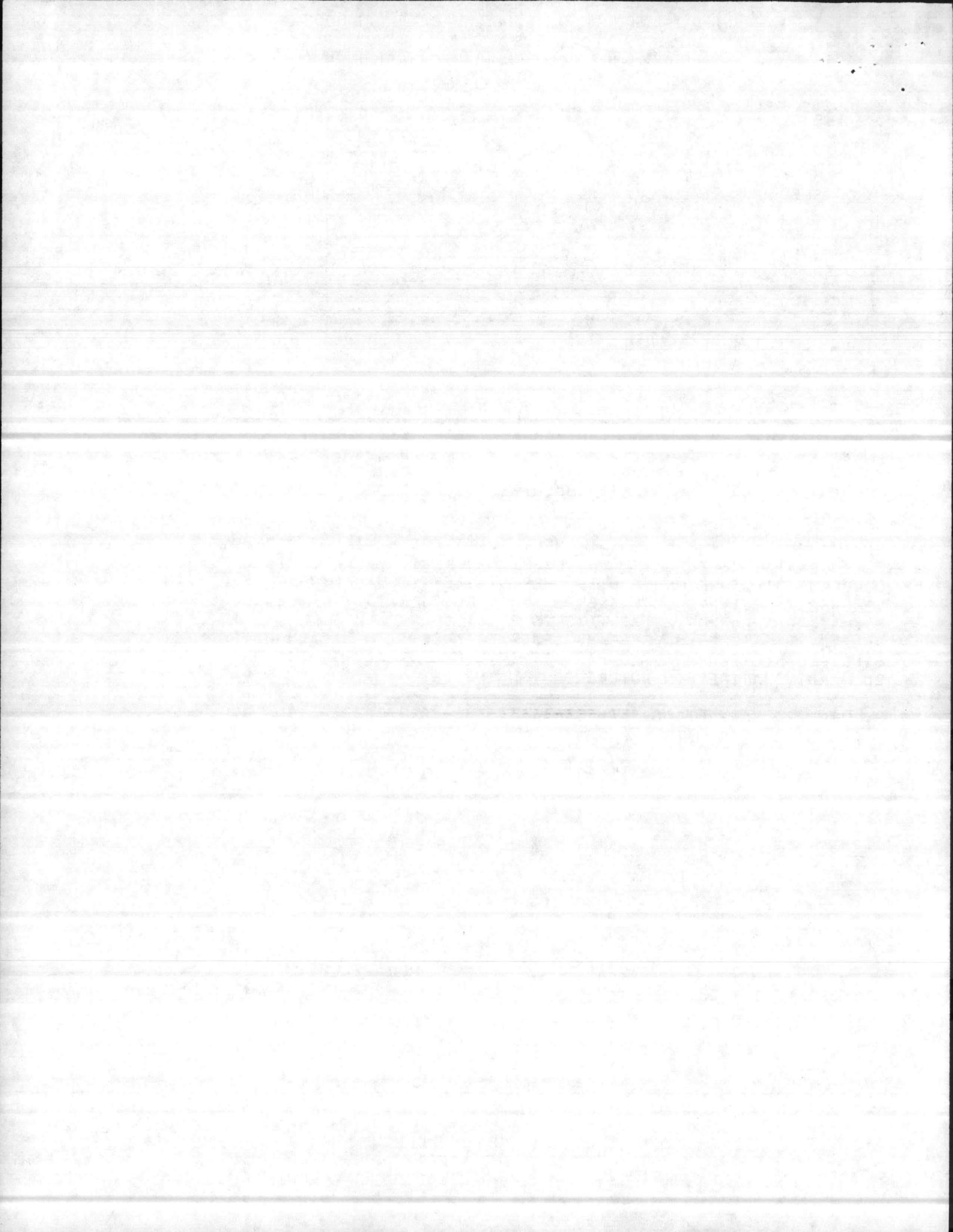
LT COL BUCKNER

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C/S DOES NOT WANT TO  
CANCEL THE MSG HOWEVER  
YOU ARE TO CALL THE WING  
AND MAKE SURE THEY UNDERSTAND  
THIS DOES NOT MEAN WE INTEND  
TO APPROVE ANY USE OF NAPALM  
— ENVIRONMENTALLY WE MAY BE  
FINE BUT ITS GOING TO TAKE A  
LOT TO CONVINCE ANYONE HERE  
THAT IT IS SAFE FOR G-10 OR  
N-1... i.e., THIS MESSAGE SHOULD  
NOT HAVE BEEN SENT JMS







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

6280  
FAC  
MAY 11 1987

From: Assistant Chief of Staff, Facilities  
To: Explosive Ordnance Disposal Officer, Marine Corps Base,  
Camp Lejeune  
Via: (1) Assistant Chief of Staff, Training and Operations  
(2) Base Range Control Officer

Subj: ENVIRONMENTAL IMPACT OF DEPLOYING NAPALM IN G-10

Ref: (a) Condensed Chemical Dictionary, 10th Edition, Van Nostrand  
and Reinhold, Inc., 1981  
(b) MCO 6280.7  
(c) AC/S Fac ltr 6280 FAC dtd 5 May 1987

1. As discussed between Captain Way, MCB EOD Officer and Mr. Alexander, MCB Environmental Engineer on 7 May 1987, no significant impacts have occurred or are likely to occur by using napalm in the G-10 Impact area.

2. Per references (a) and (b), solution A contains biodegradable compounds: Fatty Acids and Anti-freeze; Solution B contains corrosive hydroxides which are neutralized during use. Solution B also contains less than 1% pyrogallic acid which is not considered to be a significant contaminant due to the limited use and dispersion in G-10.

3. Environmental concerns which should be monitored by Range Control personnel regarding the use of napalm are:

(a) Forest fire prevention procedures already listed in the Range SOP;

(b) Proper storage and handling of these solutions in accordance with base hazardous materials/waste policies of BO 6240.5, if storage occurs at MCB.

4. Reference (c) is cancelled. Our point of contact is Mr. Alexander, extension 3034.

K. J. KIRIACOPOULOS  
By direction

Copy to:  
NREA  
EnvEngr



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

6280  
FAC  
MAY 0 1987

From: Assistant Chief of Staff, Facilities  
To: Assistant Chief of Staff, Training and Operations

Subj: ENVIRONMENTAL IMPACT OF DEPLOYING NAPALM IN G-10

Ref: (a) AC/S Trng&Ops 2d End on EOD ltr 6280 BEOD dtd 9 Feb 87  
(b) BO 11000.1B

1. Request additional information be provided by the action sponsor in order to respond to reference (a). Information should be provided per reference (b) format of Request for Environmental Review. Information needed should include:

- a. Nature of training missions requiring use of napalm.
- b. Number per year and frequency of napalm missions.
- c. Quantity of napalm to be delivered per mission.
- d. Potential for seasonal fire prevention restrictions to hamper this type of training.
- e. Safety issues considered.

2. We suggest direct discussion between Range Control and Forestry personnel during the preparation of this information. Our point of contact is Mr. Bob Alexander, extension 3034.

K. J. KIRIACOPOULOS  
By direction

Copy to:  
NREAD  
EnvEngr

Writer: Mr. Alexander, EnvEngr, FAC, X3034  
Typist: M. Ballentine, 29 Apr 87; revised 5 May 1987





UNITED STATES MARINE CORPS  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

T628  
IN REPLY REFER TO:  
11000  
TRNG&OPS  
23 Feb 87

SECOND ENDORSEMENT on EOD ltr 6280 over BEOD dtd 9 Feb 87

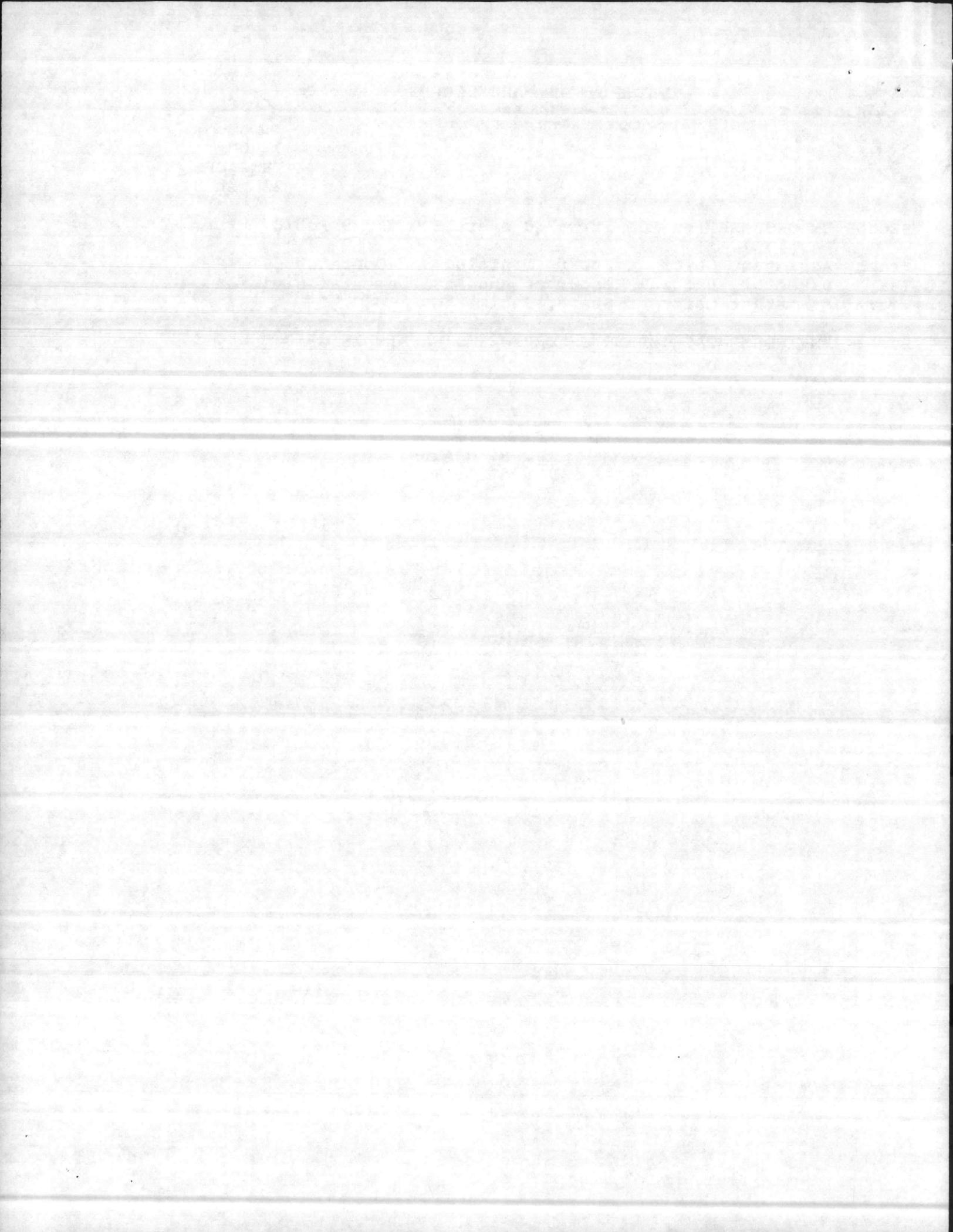
From: Assistant Chief of Staff, Training and Operations  
To: Director, Natural Resources and Environmental Division  
Via: Assistant Chief of Staff, Facilities : *DW Etr 2/24/87*

Subj: ENVIRONMENTAL IMPACT OF DEPLOYING NAPALM IN G-10

1. Forwarded.

*J. F. Charles*  
J. F. CHARLES  
By direction

Copy to:  
RCTL





UNITED STATES MARINE CORPS  
RANGE CONTROL  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO: 11 FEB 1987

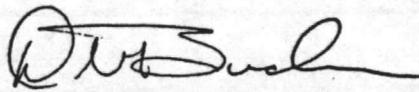
6280  
RCTL  
10 Feb 1987

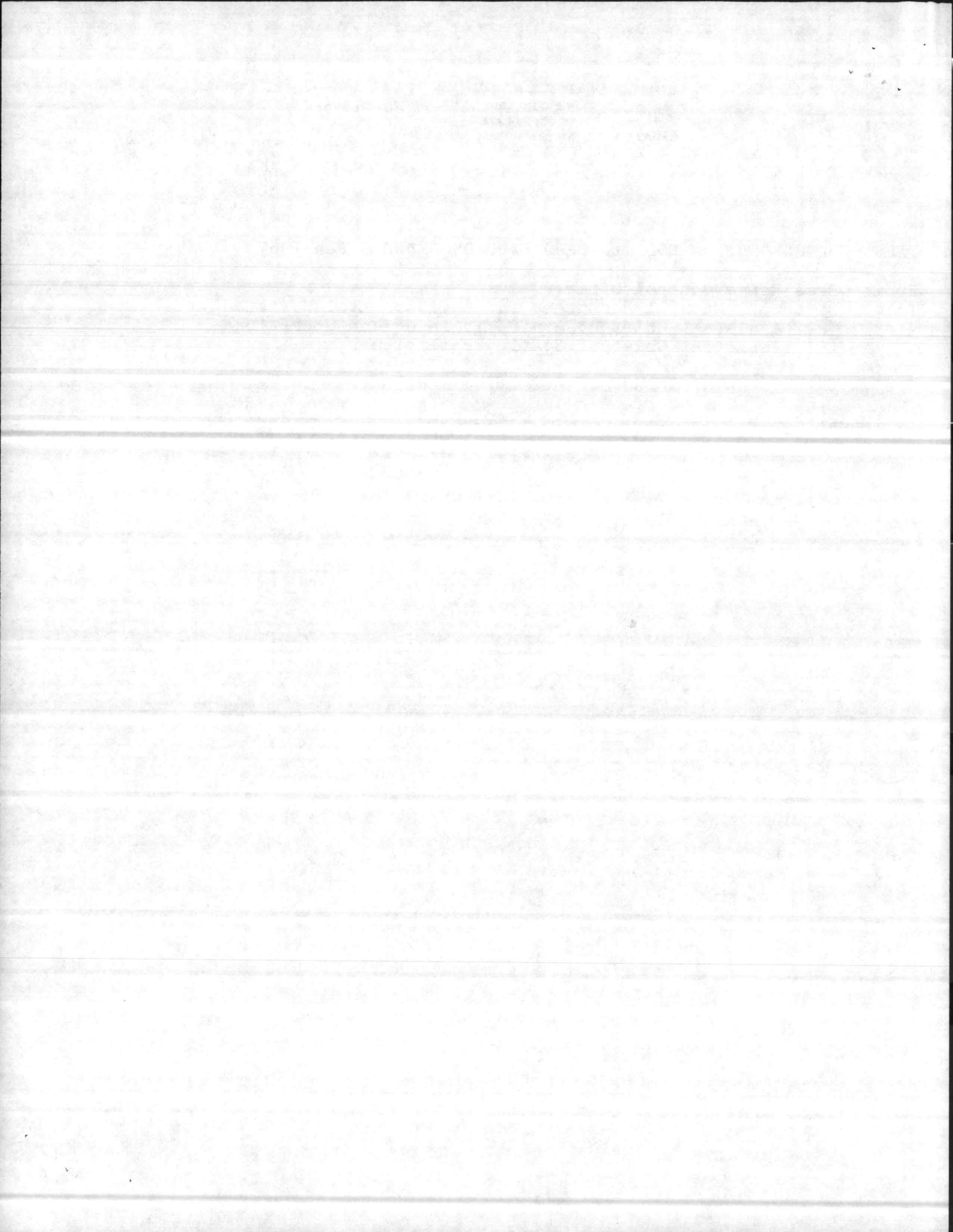
FIRST ENDORSEMENT on EOD ltr 6280 over BEOD dtd 9 Feb 1987

From: Base Range Control Officer  
To: Director, Natural Resources and Environmental Division  
Via: (2) Assistant Chief of Staff, Training and Operations  
(3) Assistant Chief of Staff, Facilities

Subj: ENVIRONMENTAL IMPACT OF DEPLOYING NAPALM IN G-10

1. Forwarded.

  
D. N. BUCKNER





UNITED STATES MARINE CORPS  
Explosive Ordnance Disposal  
Range Control  
Marine Corps Base  
Camp Lejeune, North Carolina 28542-5000

IN REPLY REFER TO:  
6280

EOD

9 Feb 1987

From: Explosive Ordnance Disposal Officer, Marine Corps Base  
To: Director, Natural Resources and Environmental Division  
Via: (1) Base Range Control Officer  
(2) Assistant Chief of Staff, Training and Operations  
(3) Assistant Chief of Staff, Facilities

Subj: ENVIRONMENTAL IMPACT OF DEPLOYING NAPALM IN G-10

Ref: (a) MCO 6280.7

1. Recently, requests have been received by Range Control for permission to deploy napalm from aircraft into G-10.
2. The flight trajectory falls within allowable limits, pilot error not considered. However, the question of contamination was raised.
3. Napalm mixture consist of two solutions; solution (A) and solution (B); their component parts, as stated in the reference, are as follows:

Solution (A)

Fatty Acid 80%  
Anti-Freeze 20%

Solution (B)

Sodium Hydroxide 28%  
Potassium Hydroxide 16%  
Water 55%  
Pyrodallol .8%

4. It is requested that your division determine what environmental impact, if any, would result from burning napalm in G-10. Also any recommendations on seasonal considerations would be welcomed.

*R. Way*  
R. WAY

