

# Memorandum

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FAC

DATE: 18 JUN 1986

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune  
TO: Director, Natural Resources and Environmental Affairs Division

SUBJ: MISSION OF NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION  
(NREAD)

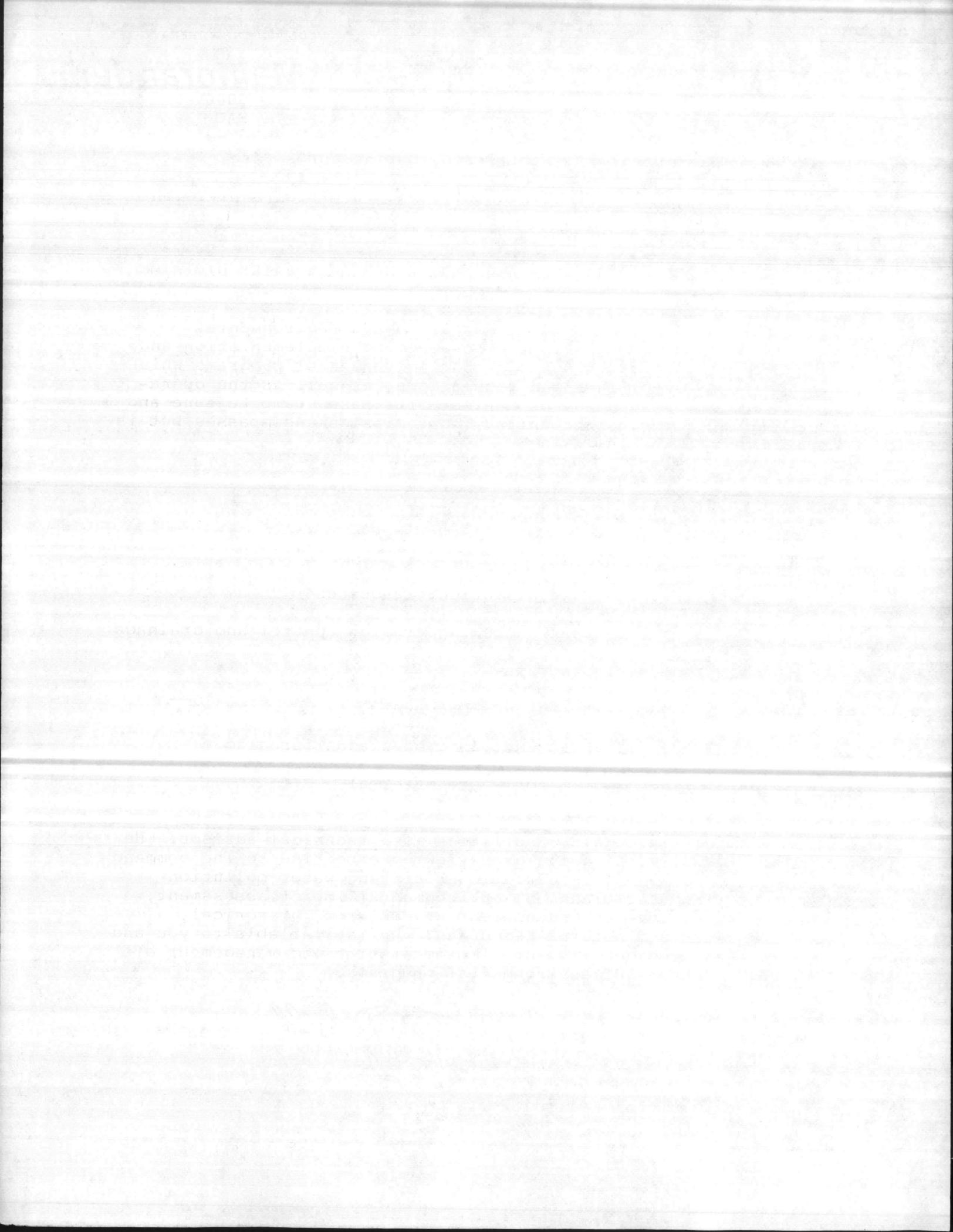
1. The mission of the Natural Resources and Environmental Affairs Division (NREAD) is the development, implementation and management of natural resources and environmental programs which meet both pertinent laws and regulations, as well as the operational and training needs of Marine Corps Base, Camp Lejeune and Fleet Marine Force tenant units. This mission encompasses but is not limited to the following:

- a. Timber resources
- b. Fish, game and nongame species
- c. Endangered species
- d. Archaeological and historical resources
- e. Soils and wetlands including erosion control and drainage
- f. Environmental programs
- g. Water and air pollution abatement
- h. Hazardous material and waste management program
- i. Recycling program for waste material

2. The Environmental Engineer located in the office of the Assistant Chief of Staff, Facilities is a technical advisor. He provides advisory, planning or reviewing expertise to the command regarding environmental regulations, air and water pollution abatement, land use planning, environmental impact assessment, and the protection and enhancement of cultured, historical, archaeological and natural resources. He is available to you and your staff in the development, implementation and management of natural resources and environmental programs.

  
T. J. DALZELL

Copy to:  
FacMgtDivO  
EnvirEngr



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

11000

FAÇ

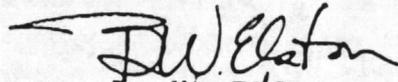
2 AUG 68

From: Assistant Chief of Staff, Facilities, Marine Corps Base,  
Camp Lejeune

Subj: FACILITIES DATA FOR CAMP LEJEUNE

Encl: (1) Facilities Data

1. The enclosure is provided for your use and specifically in briefings concerning Camp Lejeune. If you observe data that appears to be in error or in question, please advise this office. This data will be updated biannually or more often if substantive changes occur.

  
B. W. ELSTON  
By direction

DISTRIBUTION:

AC/S, Compt

AC/S, Manp

AC/S, PersSvcs

AC/S, Log

AC/S, Trng

AC/S, SpecSvcs

CEO

BMO

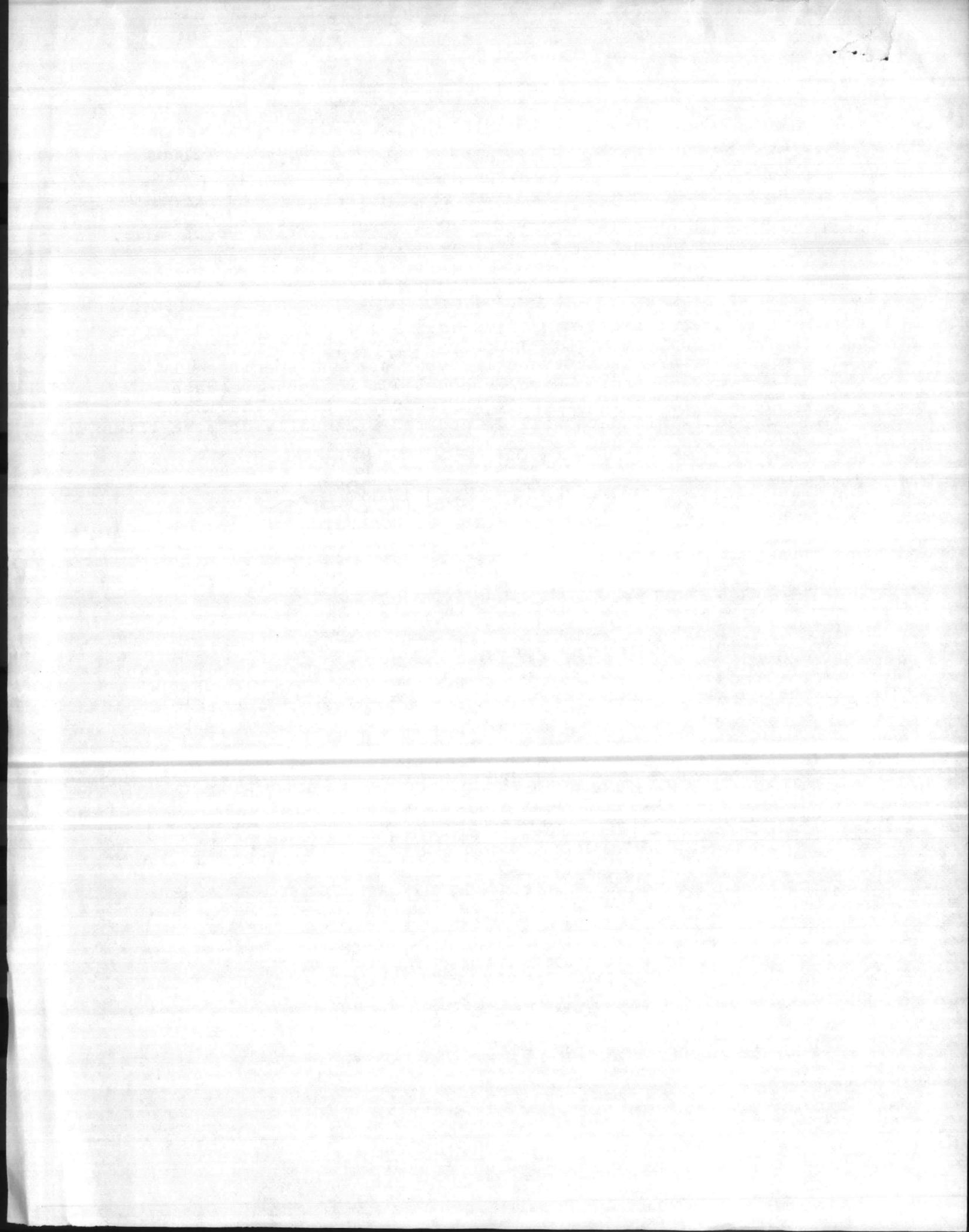
PWO

DFH

DUPH

>NREAD

FireChf



## FACILITIES DATA

Total Area 174 sq. miles  
111,208.46 acres

Land 85,208.18 acres  
 Water 26,000.28 acres\*  
 \*not carried on plant records

Improved grounds 4,047.22 acres  
 Semi-improved 3,429.92 acres  
 Unimproved grounds 74,662.28 acres  
 Other 3,068.76 acres

Base Perimeter 68 miles

Oceanfront 14 miles

Buildings (excluding Family Housing) 1,978

Family Housing 4,454

Mobile Home Park 112 spaces

Acquisition cost \$383,347,519 total base

Replacement cost \$1,874,257,337 total base

Roads and streets 431 miles

Electric distribution system 435 miles

UEPHs 233 each  
 UOPHS 19 each

Exchanges 19

Dependents' Schools - 7

Theaters - 8

Commissaries - 3

Chapels - 11

Fire stations - 9

Water Treatment Plants - 8

Sewage Treatment Plants - 7

Central Steam Generation Plants - 7



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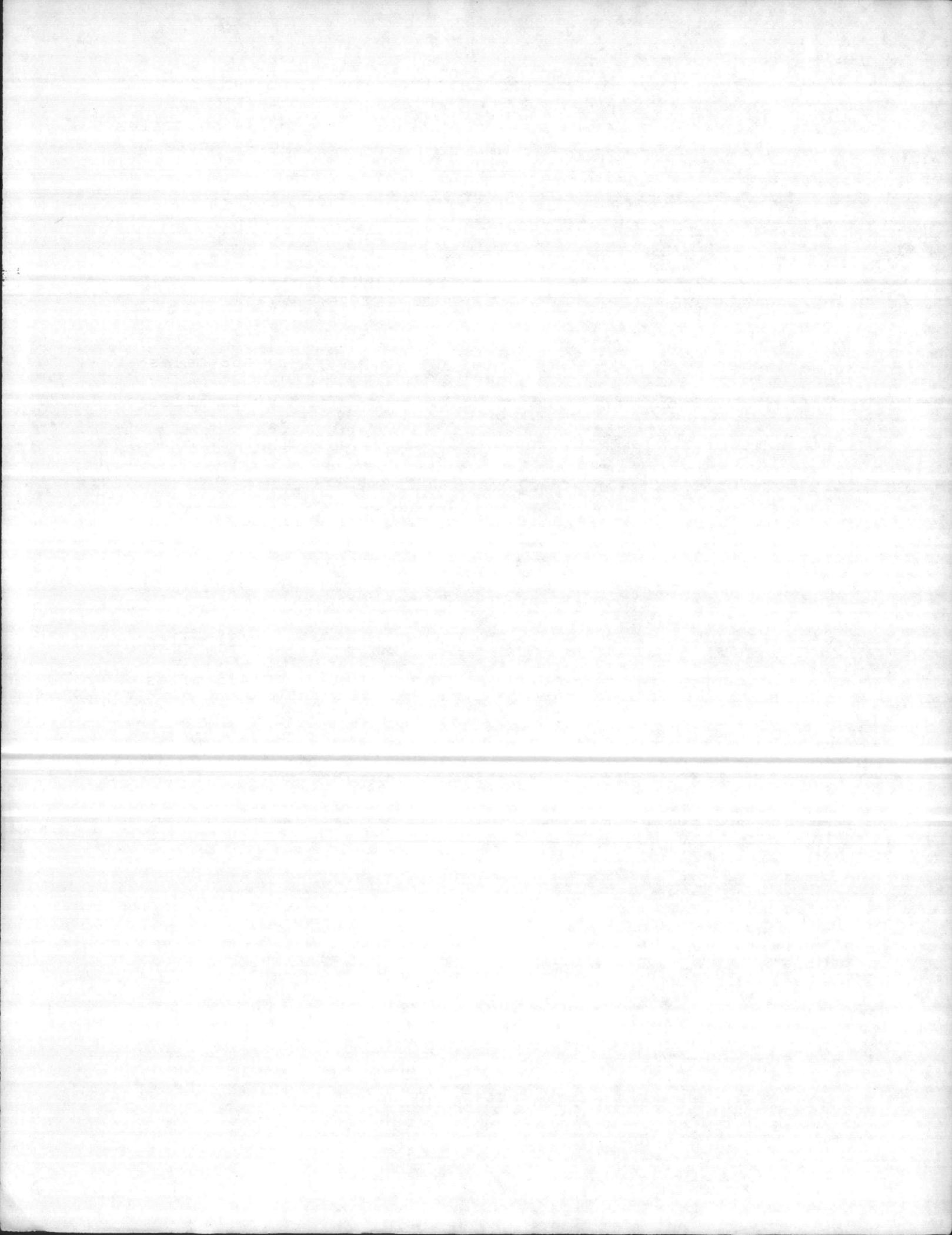
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ruw  
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UNITED STATES MARINE CORPS  
Marine Corps Base  
Camp Lejeune, North Carolina 28542

11000

FAQ

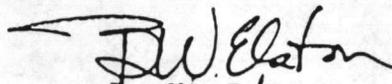
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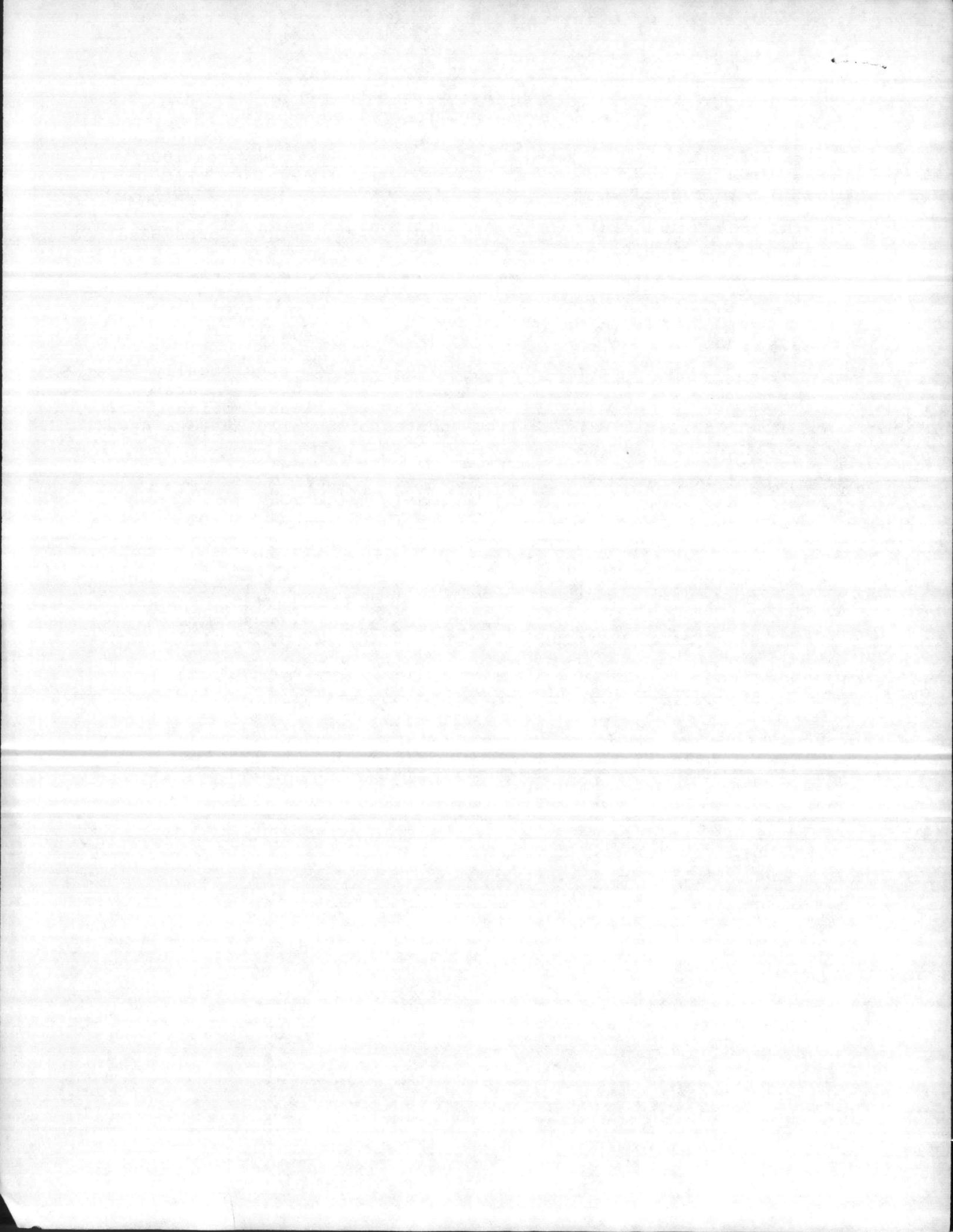
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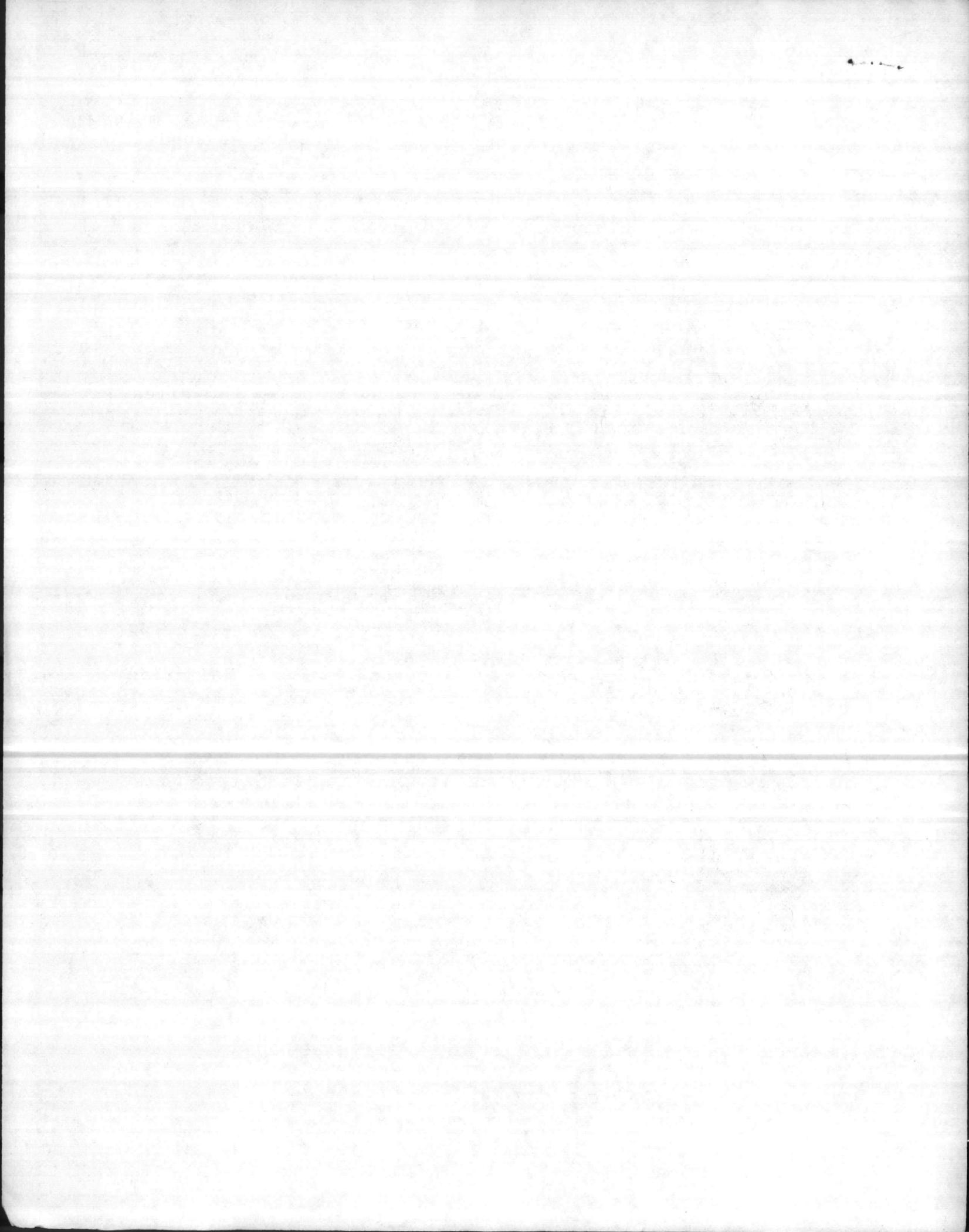
Central Steam Generation Plants - 7

G-10-SDA's 5,287  
Impact Areas 6,131  
Housing 2,475  
Industrial 4,748  

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18,645

Available for hunting 66,355



17 Mar 1986

11015  
NREAD

Base Wildlife Manager

Director, Natural Resources and Environmental Affairs Division

REVIEW OF WILDLIFE FUNCTIONS AND RESPONSIBILITIES RELATIVE TO  
PROGRAM REDUCTIONS

1. Overall wildlife functions have been reviewed relative to annual operational planning under the long range management of wildlife resources. The review has considered those functions which are legally required and those which are not legally required. The monitoring and management of endangered and threatened species are a legal requirement. Functions such as the control of nuisance wildlife in housing/industrial areas, maintenance of wildlife openings for game and nongame species, and maintenance of recreational ponds for recreation are not legal requirements.

2. Very careful consideration should be utilized in the decision making process relative to eliminating any number of functions. For instance, the concensus at present appears to be to continue only those functions which are legally required. This will be great for those species which are nationally listed that presently occur on base lands. However, to eliminate the long range practice of wildlife openings and freshwater ponds will affect the benefits they provide to both game and nongame species. It should be emphasized that the majority of public interest is in the conservation of game and nongame species rather than endangered and threatened species.

3. The following management functions are already programmed in FY-86/FY-87 and have been included in the update of the draft Long Range Natural Resource Plan.

<u>PROJECT</u>	<u>IMPACT STATEMENT</u>	<u>SCHEDULED FOR</u>	<u>TIME</u>
1. Coordinate two-year Red-cockaded Woodpecker study with contract personnel from N. C. State University.	Failure to coordinate field work between the contractor, Range Control and the Explosive Ordnance Unit would likely result in delays in carrying out the field work required by the research.	1986-1988	Daily coordination to some degree Apr-July



Subj: REVIEW OF WILDLIFE FUNCTIONS AND RESPONSIBILITIES RELATIVE TO PROGRAM REDUCTIONS

<u>PROJECT</u>	<u>IMPACT STATEMENT</u>	<u>SCHEDULED FOR</u>	<u>TIME</u>
2. Assist the AC/S, Training in conducting weekly inspection of Red-Cockaded Woodpecker habitat in Tank Mech area.	Failure to accomplish project would be contrary to the biological opinion rendered under Section 7, Public Law 93-205.	Weekly (Tuesday)	0800-1200 normally. Requires 208 hours of Wildlife Technician assisting in inspection and reporting.
3. Assist the AC/S, Training in conducting period inspections of Red-Cockaded Woodpecker habitat Base-wide.	Failure to accomplish would be contrary to the biological opinion rendered under Section 7, Public Law 93-205.	Periodic	0800-1630 normally. Requires approximately 208 hours of Wildlife Technician time annually conducting the periodic inspection.
4. Prescribe burn and clear woody debris for around Red-cockaded cavity trees. Plow fire lanes along contiguous habitat boundaries prior to prescribed burning.	Failure to accomplish project would be contrary to biological opinion rendered under Section 7, Public Law 93-205.	Nov-Dec	0800-1630 weekly work days.
5. Conduct annual roosting surveys of each family clan of Red-cockaded Woodpeckers at all colony sites.	Failure to accomplish project would be contrary to requirements for monitoring population on federal property under Section 7, Public Law 93-205.	Late July/early Aug	1630-2030 nightly as weather permits for approximately two weeks.
6. Conduct annual census of endangered alligator population on selected watercourses.	Failure to accomplish would be contrary to requirements for monitoring population under Section 7, Public Law 93-205.	July	1930-2400, three nights.

REGULATIONS

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Subj: REVIEW OF WILDLIFE FUNCTIONS AND RESPONSIBILITIES RELATIVE TO PROGRAM REDUCTIONS

<u>PROJECT</u>	<u>IMPACT STATEMENT</u>	<u>SCHEDULED FOR</u>	<u>TIME</u>
7. Conduct nightly and early morning monitoring of threatened sea turtle nesting habitat at Onslow Beach on annual basis.	Failure to accomplish would be contrary to biological opinion rendered under Section 7, Public Law 93-205.	June-Aug (nesting) Aug-Oct (reproduction checks)	2130-0500 nightly for 77 nights. At least 2 days per week during nest reproduction checks.
8. Conduct aerial survey over Onslow Beach and Browns Island during nesting season for threatened sea turtles.	Failure to accomplish would be contrary to biological opinion rendered under Section 7, Public Law 93-205.	May-Aug	0600-0800 on 27-30 prescribed dates to coincide with peak nesting periods.
9. Monitor 15 archaeological and historical sites potentially eligible for listing in the National Registry.	Failure to accomplish will be contrary to the recommendations in the 1981 Historical and Archaeological study for Camp Lejeune, the National Environmental policy Act of 1969, the Historical Preservation Act of 1966 and Executive Order 11593 of 1971.	Jan-Dec	Monitoring is periodic at approximate intervals of two weeks. 52 days of Wildlife tech time for coordinating work.
10. Improve habitat diversity by developing 25 acres of new wildlife openings annually for next 10 years for game and nongame species.	Failure to complete project will limit long range planning efforts to improve habitat conditions for wildlife resources and meet the goal of eventually having 10 percent of the base in some type of grassy opening including gun positions, tactical landing zones and power lines.	August	0800-1630 for 80 hours of Wildlife tech time for coordinating work.

RELATIVE TO

TIME

1:40-2:00  
nightly for  
7 minutes  
at least  
each day  
week during  
next retro-  
diction  
exercise

0:00-0:30 on  
2:30 pres-  
cribed dates  
in coincide  
with peak  
netting per-  
iods

Monitoring in  
periods of  
approximate  
intervals of  
two weeks  
52 days of  
Wildlife Tech  
Time for co-  
ordination  
work

0:00-1:30 for  
80 hours of  
Wildlife Tech  
time for co-  
ordination  
work

Efforts to complete  
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efforts to improve  
wildlife conditions  
and habitat  
the goal of eventually  
having 10 percent of  
of every animal in  
all the positions  
Federal Wildlife zones

Subj: REVIEW OF WILDLIFE FUNCTIONS AND RESPONSIBILITIES RELATIVE TO PROGRAM REDUCTIONS

<u>PROJECT</u>	<u>IMPACT STATEMENT</u>	<u>SCHEDULED FOR</u>	<u>TIME</u>
11. Plant wildlife openings to annual and perennial seed mixtures designed to maintain grassy openings at desired levels for game and nongame species.	Failure to provide will limit habitat improvement projects which are designed to provide diversity for a variety of species in the vegetative complex.	May-June (Spring planting) Aug-Sep	0800-1630 for 320 hours of Wildlife Tech time for coordinating work.
12. Disc out leave areas for quail nesting cover prior to prescribed burning activities, and plant bicolor lespedeza seedlings in each six acres of the quail management area and at selected sites in other habitat throughout Base.	Failure to accomplish would limit long range management efforts in the quail management area and other habitat areas.	February	0800-1630. 160 hours of Wildlife tech time for coordinating work.
13. Erection and maintenance of wood duck nesting boxes in ponds and navigable waters of the Base.	Failure to accomplish will limit availability of artificial nesting boxes for wood duck.	November	0800-1630. 160 hours of Wildlife tech time.
14. Erection and maintenance of blue bird nesting boxes in selected habitat Base-wide.	Failure to accomplish will limit availability of artificial nesting boxes for Eastern Blue Birds.	June	0800-1630. 160 hours of Wildlife tech time.
15. Participation in expanded educational programs emphasizing game, nongame, endangered and threatened species through production of video and presentations in Dependents Schools, civic groups and the news media.	Failure to accomplish will limit positive community relations program.	As requested	Timed according to the function and desire of the requestor.

REPORT OF THE SPECIAL AGENT IN CHARGE

REPORTED BY

DATE

0800-1030

REPORTED BY

100 hours of  
Wildlife Tech  
time

100 hours of  
Wildlife Tech  
time

0800-1030

REPORTED BY

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<u>PROJECT</u>	<u>IMPACT STATEMENT</u>	<u>SCHEDULED FOR</u>	<u>TIME</u>
16. Participation in scout organization program through coordinating projects aimed at individual scouts and units meeting Wildlife resources merit badge qualification.	Failure to accomplish will limit positive approach in assisting scoutmaster and individual scouts in their respective organizations.	As requested	Timed according to the function and desires of the requestor.
17. Control of nuisance wildlife in housing and industrial areas.	Failure to accomplish would result in extended and prolonged grievance to residents of family housing less efficient remedies for implementing control methods in industrial areas.	Jan-Dec	Work/time required varies according to location, degree, and success accomplished for each complaint.
18. Management and maintenance of 12 fresh water ponds for recreational fishing.	Failure to accomplish will limit the productivity of the respective ponds thus reducing the recreational use of these ponds to the public.	Mar-Aug	0800-1630. 24 work days required of Wildlife tech.

3. It should be noted that all funds generated from the sale of hunting, fishing and trapping permits may be expended for the conservation of game species directly according to federal laws. Historically, these funds have been used for the establishment and maintenance of wildlife clearings for game species. These clearings are also used by a variety of nongame even though intended mainly for game species.

C. D. PETERSON





DEPARTMENT OF THE NAVY  
HEADQUARTERS UNITED STATES MARINE CORPS  
WASHINGTON, D.C. 20380-0001

17 APR 1987  
Action: BFAC

IN REPLY REFER TO

11015  
LFL/3-329  
10 APR 1987

From: Commandant of the Marine Corps  
To: Commanding General, Marine Corps Base, Camp Lejeune, NC  
28542-5001

Subj: DRAFT REVISED MULTIPLE-USE NATURAL RESOURCES MANAGEMENT  
PLAN FOR MARINE CORPS BASE, CAMP LEJEUNE: REVIEW OF

Ref: (a) CG MCB Camp Lejeune ltr 5200 NREAD of 26 Feb 87  
(b) Draft Multiple-Use Natural Resources Management Plan  
of 24 Feb 87  
(c) MCO P11000.8

1. In reply to reference (a), reference (b) has been reviewed and the following comments are provided:

(a) The plan is the best example of integrated land use planning seen by this Headquarters.

(b) The appended cooperative plan agreement for the conservation of fish and wildlife resources appears to fully meet the letter and intent of 1986 Amendments to the Sikes Act. Upon signature by all parties, request copy to this Headquarters, LFL.

(c) The plan does not address the potential for outleasing lands for agricultural purposes. As plans for acquisition of additional lands are finalized, request further review of outleasing as a revenue source for meeting soil and water conservation objectives and goals. Due to extent of wetlands request consideration of including objectives for management of wetlands per reference c.

(d) The organizational recommendations in the plan should be pursued to facilitate planned accomplishments.

2. By reference (c) request return of final plan upon approval.

NEIL J. BROSS  
By direction

