



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

IN REPLY REFER TO  
MAIN/JIW/th  
11000  
7 Dec 79

From: Commanding General  
To: Commandant of the Marine Corps (Code LFF-2)  
Subj: Natural Resources Statistical Report  
Ref: (a) MCO P11000.8A  
Encl: (1) FY 1979 Natural Resources Statistical Report.

1. In compliance with reference (a), enclosure (1) is forwarded.

T. R. BAISLEY  
By direction



FY 1979 NATURAL RESOURCES STATISTICAL REPORT FOR  
Marine Corps Base, Camp Lejeune, N. C.

PART I - SOIL AND WATER CONSERVATION

1. Natural Resources Management Plan
  - a. Date prepared 18 April 1975
  - b. Is plan current (yes)
2. Soil Survey Report
  - a. Acres completed 86,695
  - b. Date prepared 18 April 1975
3. Cooperative Agreement
  - a. Agency Onslow Soil and Water Conservation District
  - b. Date prepared 1 August 1974
  - c. Is agreement current (yes)
4. Land Utilization (Acres)

a. Improved grounds	<u>8,362</u>	
b. Semi-improved grounds	<u>5,014</u>	
c. Unimproved grounds	<u>73,319</u>	(Total (1)-(7))
(1) Woodland	<u>60,093</u>	
(2) Agric. outlease	<u>0</u>	
(3) Impact areas	<u>5,447</u>	
(4) Roadside zones and streams	<u>2,523</u>	
(5) Wildlife Foodplots	<u>285</u>	
(6) Coastal Beach	<u>1,645</u>	
(7) Tidal Marsh	<u>3,326</u>	
5. Land Use Conversion - None
6. Agricultural Outlease - None



7. Special Conservation Problems Corrected - (Identified in Natural Resources Management Plan)

- a. Borrow Area - Marines Road
  - (1) Site Nos. 81 & 82
  - (2) Work incomplete (Significant reduction in erosion)
- b. Holover Creek
  - (1) Site No. 84
  - (2) Work incomplete
- c. Concrete Ramp - Rhodes Point Road
  - (1) Site No. 166
  - (2) In Public Works for Design
- d. Town Point
  - (1) Site Nos. 174 & 175
  - (2) Cost - \$12,000
  - (3) Fund Source - O&M
- e. Inland Waterway
  - (1) Site Nos. 49 & 52
  - (2) Work not needed
- f. Inland Waterway
  - (1) Site No. 86
  - (2) Cost - \$700
  - (3) Fund Source - M&I
- g. Verona Loop Road
  - (1) Site No. 190
  - (2) Work incomplete
- h. Courthouse Bay
  - (1) Site No. 65
  - (2) Work incomplete



- i. Race Course Area
  - (1) Site No. 198
  - (2) Work incomplete
- j. Inland Waterway
  - (1) Site Nos. 64 & 90
  - (2) Work incomplete
- k. TLZ Lark, TLZ Albatross, TLZ Lark Road
  - (1) Site Nos. 85, 104 & 105
  - (2) Work incomplete
- l. F-3 Range
  - (1) Site No. 118
  - (2) Cost - \$900
  - (3) Fund Source - M&I
- m. Spring Branch
  - (1) Site No. 99
  - (2) Work incomplete
- 8. Other Activities Completed (Projects)
  - a. Project #1
    - (1) Cleanup after contingency oil spills
    - (2) Fund Source - O&M
    - (3) Pollution Abatement - Pumping oil out of drainage ditches, covering oil with sand, replacement of contaminated soil, grading and seeding areas.
    - (4) Cost - \$5,978



PART II - FOREST RESOURCE MANAGEMENT REPORT FY 80

1. Total Acres of Managed Woodland	<u>62,382</u>	
2. Professional Forester Time Used	<u>24</u>	(man months)
3. Long Range Forest Management Plan		
a. Date prepared	<u>18 April 1975</u>	
b. Date last revised	<u>April 1979</u>	
c. Date scheduled for next revision	<u>April 1980</u>	
d. Has annual work plan or increment been prepared for next fiscal year? (yes)		
4. Timber Harvests		
a. Acres harvested	<u>2,474</u>	
b. Sawtimber	<u>4,529.799</u>	MBF Pine
c. Pulpwood	<u>4,576</u>	Cds Pine
d. Poles and piling	<u>0</u>	
e. Other	<u>50.080</u>	MBF Hdwd
	<u>241</u>	Cds Hdwd
f. Gross expenses	<u>\$ 123,839</u>	
g. Gross proceeds	<u>\$ 716,099*</u>	
5. Timber Stand Improvement		
a. Acres	<u>0</u>	
b. Gross expenditure	<u>\$ 0</u>	
6. Reforestation		
a. By tree planting <u>114</u> acres. By direct seeding <u>38</u> acres. By regeneration <u>110</u> acres. By site preparation <u>82</u> acres KG'd and <u>52</u> acres bedded.		
b. Windbreaks and shelterbelts <u>0</u> acres.		
c. Gross expenditures <u>\$14,437</u>		

\*Represents money received during budget period and not total sales that occurred during this period.



7. Fire Protection

- a. Acres protected 69,140
- b. Forest fire lanes: Miles constructed 88 Miles maintained 5
- c. Acres controlled burned 8,101 (+ 6.500 acs. -  
Ranges & Impact  
Areas)
- d. Gross expenditures \$ 45,388

8. Timber Access Roads

- a. Miles constructed 0
- b. Miles maintained 20
- c. Gross expenditures \$ 4,040

9. Natural Beauty

a. Approximately 88 miles of fire line were plowed to prevent prescribed fire from burning in hardwood areas. This will increase the size and aesthetic value of these hardwood areas.

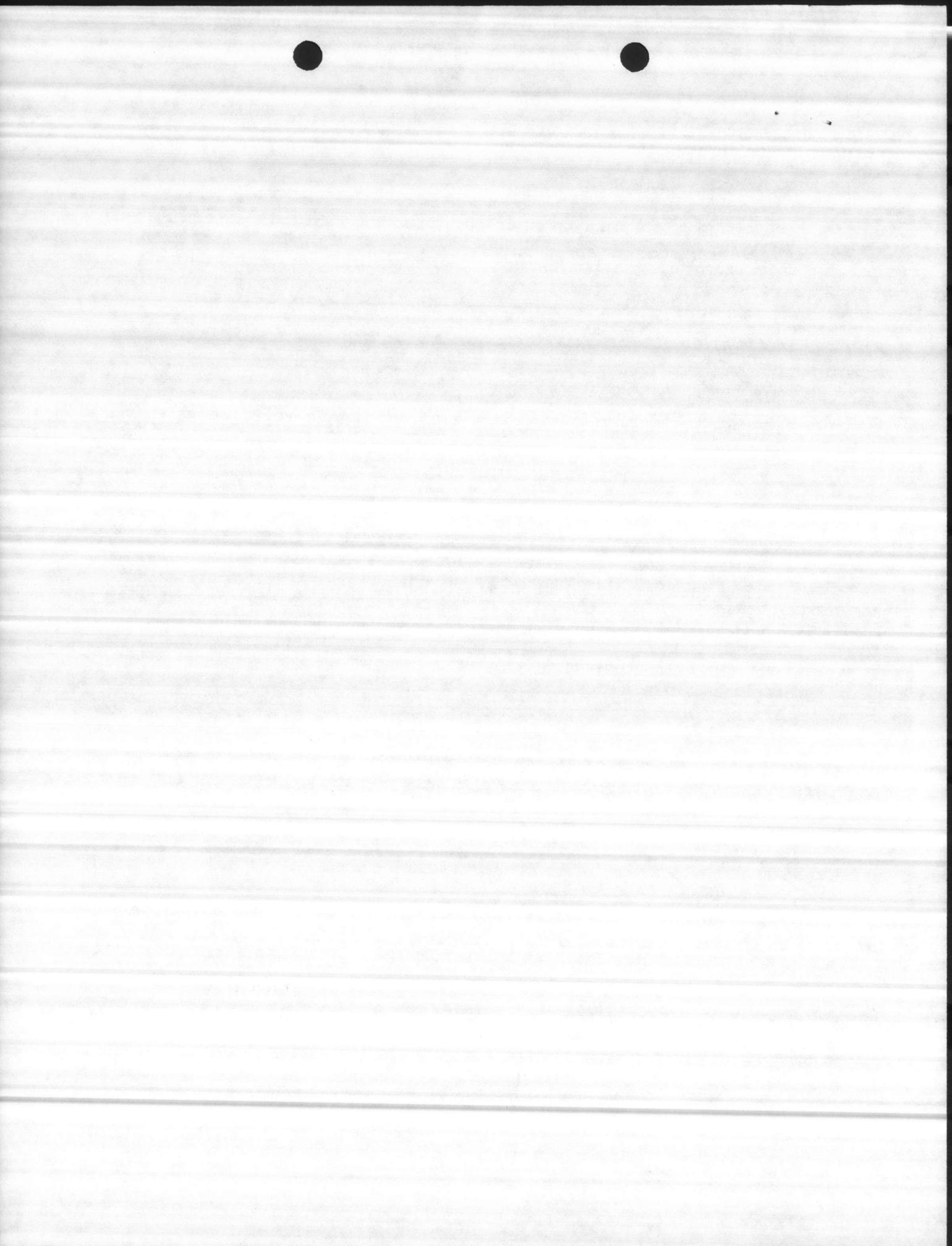
b. Backslopes of heavily traveled main roads were excluded from prescribed burning.

c. Key areas of hardwood are being set aside in KG'd areas to break up these areas and make them more aesthetically pleasing.

10. Administrative Management Costs \$ 67,759  
(Includes all program costs not included in items 5 through 9 proceeding)

11. Total Program Expenditures \$ 255,463

12. Estimated Value of Lumber Products Harvested and Used on Installation  
\$5,000.



PART III - FISH AND WILDLIFE MANAGEMENT

1. Activity

Marine Corps Base,            Camp Lejeune,            North Carolina

2. Cooperative Management Plan

Date completed 18 April 1975

3. Extent of Land and Water Areas in the Fish and Wildlife Program

Land acreage	<u>71,303</u>	
Water acreage	<u>26,000</u>	
Miles of stream	<u>80</u>	
Miles of shoreline	<u>21</u>	(Marine)
	<u>122</u>	(Stream & Bay)

4. Degree of Public Access. Use the following legend; and place the appropriate letters in the blanks for hunting, fishing and other:

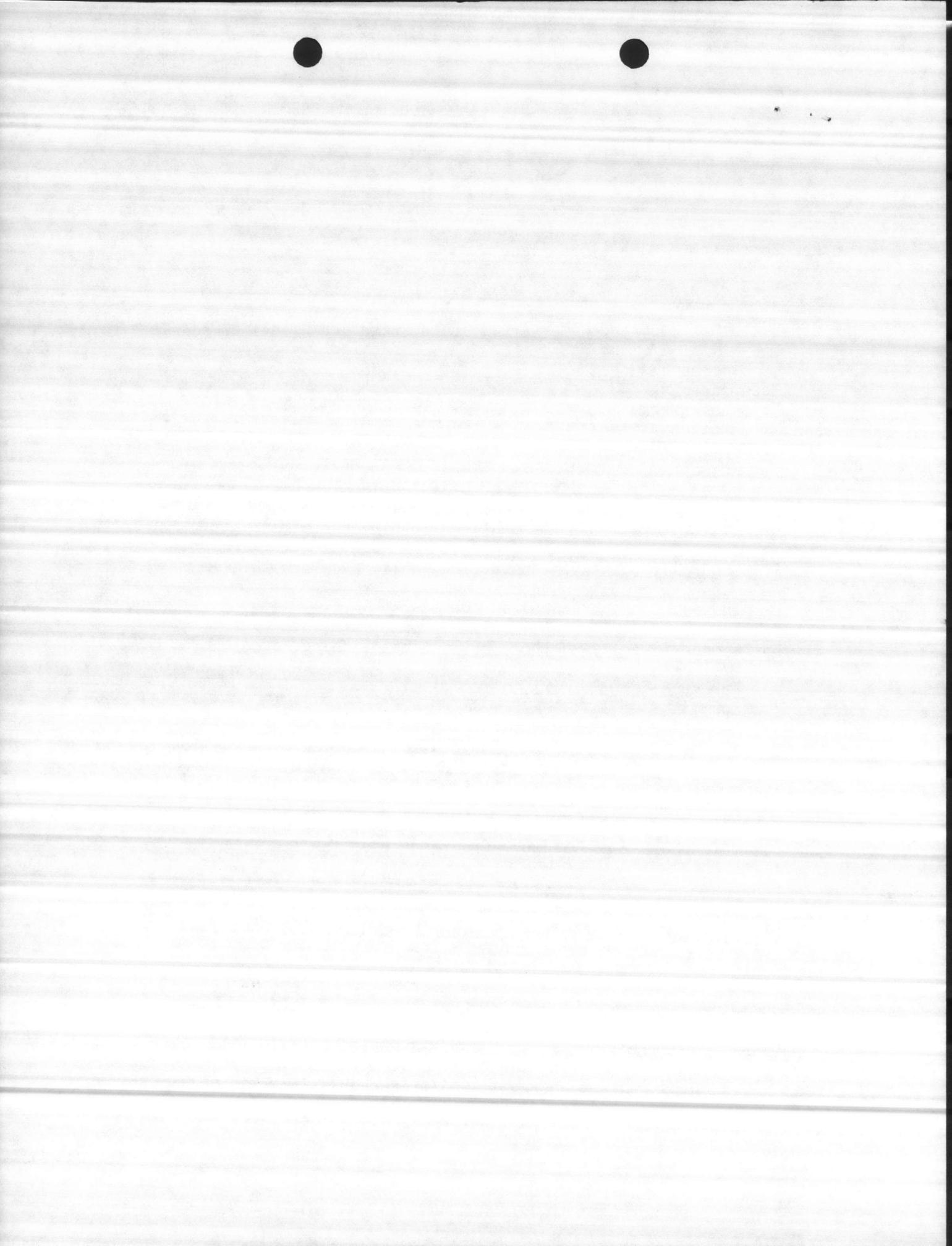
- A - Generally open with controlled public access within manageable quotas.
- B - Installation personnel and guests.
- C - Installation personnel only.
- D - Closed (Specify whether for hunting, fishing, or other)

For hunting	<u>A</u>	
For fishing	<u>A</u>	
For other outdoor recreation	<u>B</u>	(Includes other outdoor recreation; i.e., camping, picnicking, winter sports, etc.; not swimming pools; ball parks, golf courses, etc.)

5. Estimated Number of Visitors Granted Access for:

Hunting	<u>4,307</u>
Fishing	<u>25,000</u>
Other outdoor recreation	<u>0</u>
Total	<u>29,307</u>

6. Problems and Potential Problems: Formal consultation for the endangered Red-Cockaded Woodpeckers and threatened Atlantic Loggerhead Sea Turtle was conducted as required by Section 7 of Public Law 93-205. The US Fish and Wildlife Service issued a biological opinion with recommendations for protecting the habitat of both species. Marine Corps Base implemented a base order setting forth regulations for protecting the woodpecker and loggerhead turtle. Weekly inspections of woodpecker habitat are being conducted to monitor compliance with existing regulations.



7. Explanation (if public access is denied for hunting, fishing, or other outdoor recreation). Beach facilities, camping, and picnic grounds are denied public access because they are controlled and operated by Base Special Services.

8. Itemized Expenditure of Funds Derived from Fees Collected

<u>Project</u>	<u>Expenditure</u>	
a. Plant 30 2-acre plots in winter rye for wildlife		
Labor	\$ 419	
Equipment	389	
Total		\$ 808
b. Clear stumps and other debris from newly established small game strips		
Labor	307	
Equipment	211	
Total		518
c. Disc leave strips for improving quail nesting cover		
Labor	535	
Equipment	251	
Materials	92	
Total		878
d. Apply lime to bicolor strips in quail management area		
Labor	486	
Equipment	243	
Materials	98	
Total		827
e. Plant 80 acres chufas and lespedeza for wild turkey		
Labor	2,613	
Equipment	441	
Materials	41	
Total		3,095
f. Plant 30 2-acre plots to winter rye		
Labor	2,748	
Equipment	318	
Total		<u>3,066</u>
Grand Total		\$9,192



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Note: Materials budgeted from nongame and endangered species management were expended from other funds.

a. Wildlife Food Plantings (Special Services Fund) (Materials, seed and fertilizer)

Total	\$ 3,988
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b. Sikes Act Expenditures

(1) Mark red-cockaded woodpecker habitat	\$ 33,258
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(2) Establish new small game strips	4,037
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(3) Increase shoreline depths of fish ponds	6,874
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(4) Plow firelanes around woodpecker habitat	1,711
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(5) Erect 200 nesting boxes for wood ducks	<u>3,420</u>
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Total	\$49,300
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