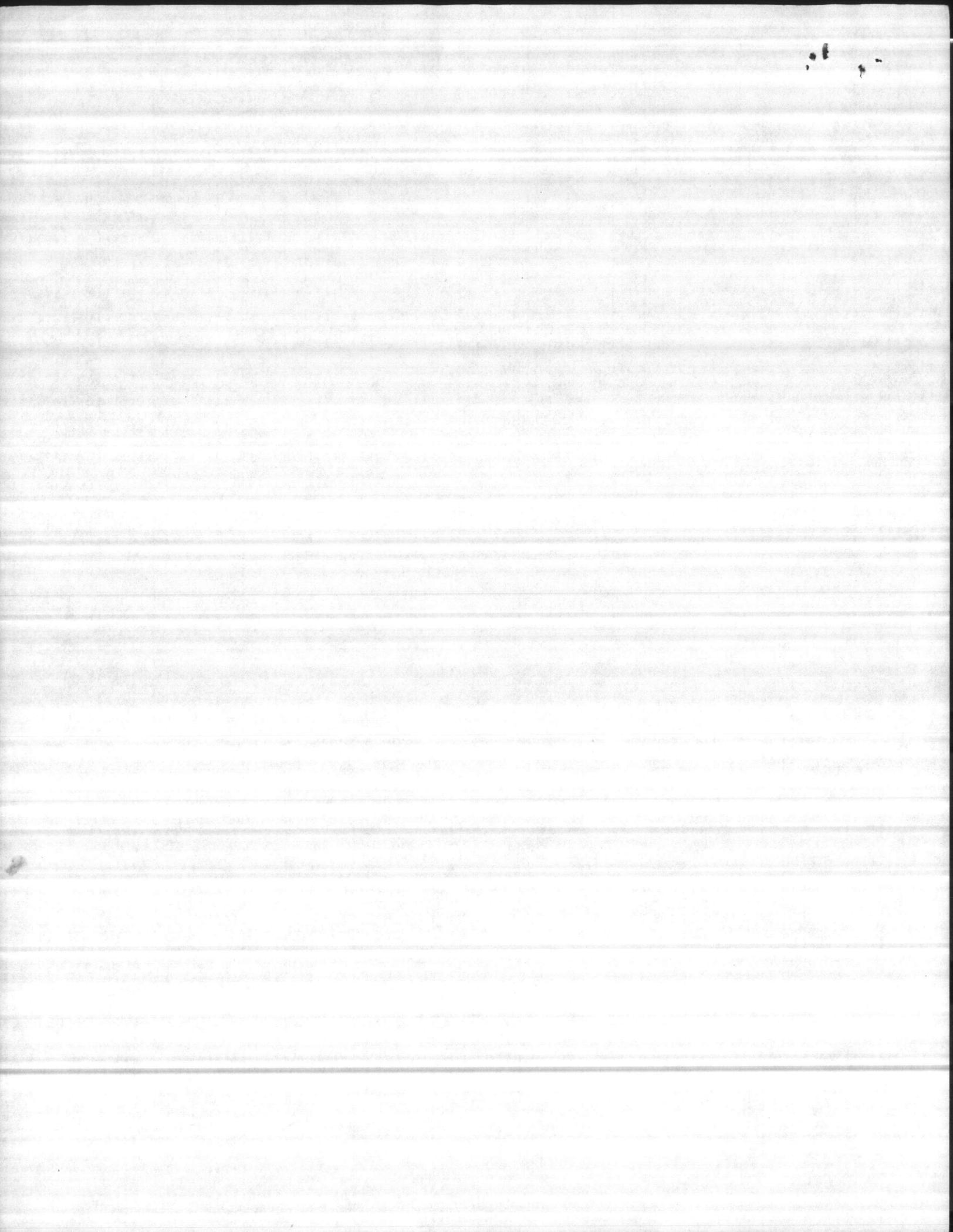


Charts
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9-19-83
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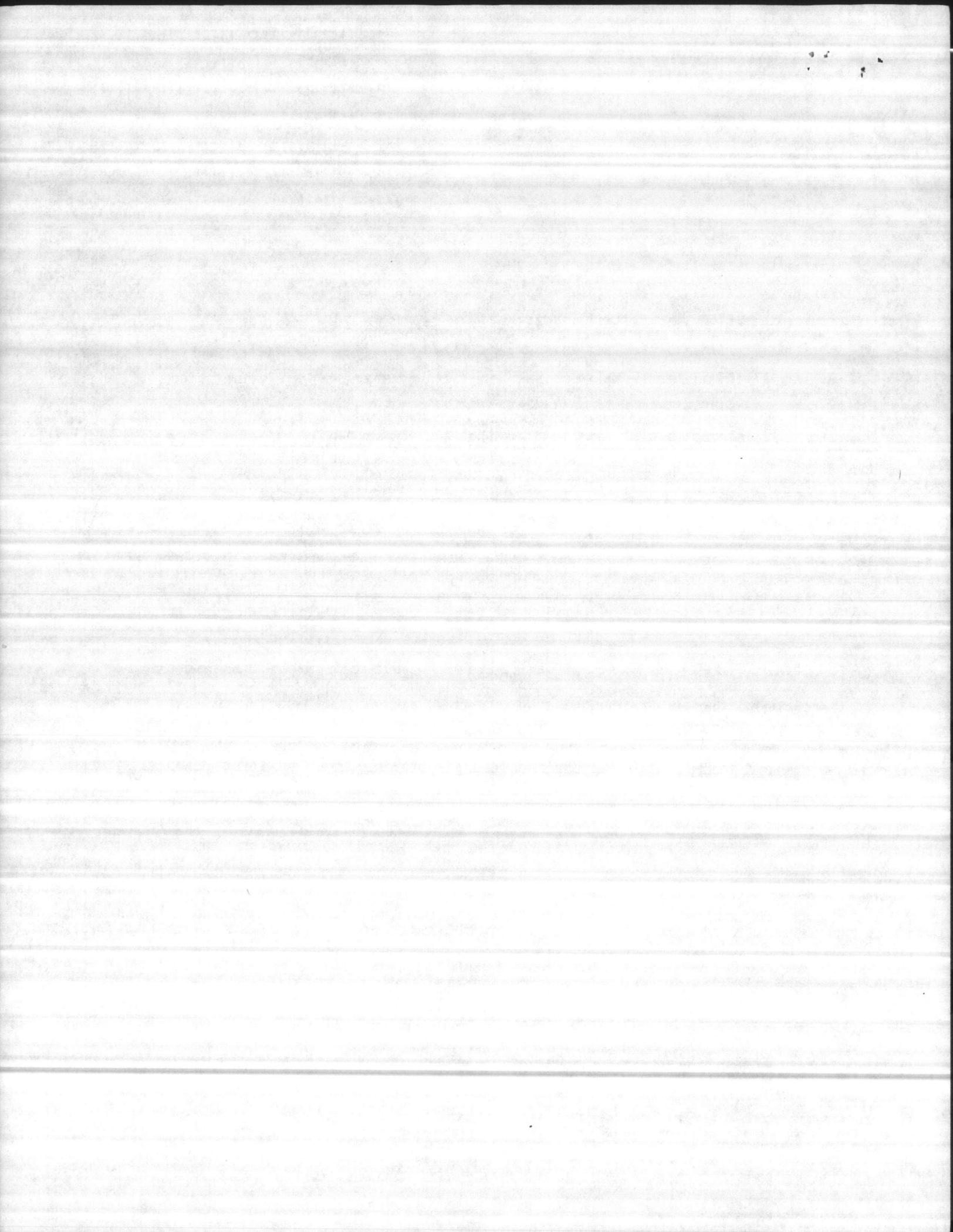
NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION

BRIEFING BOOK

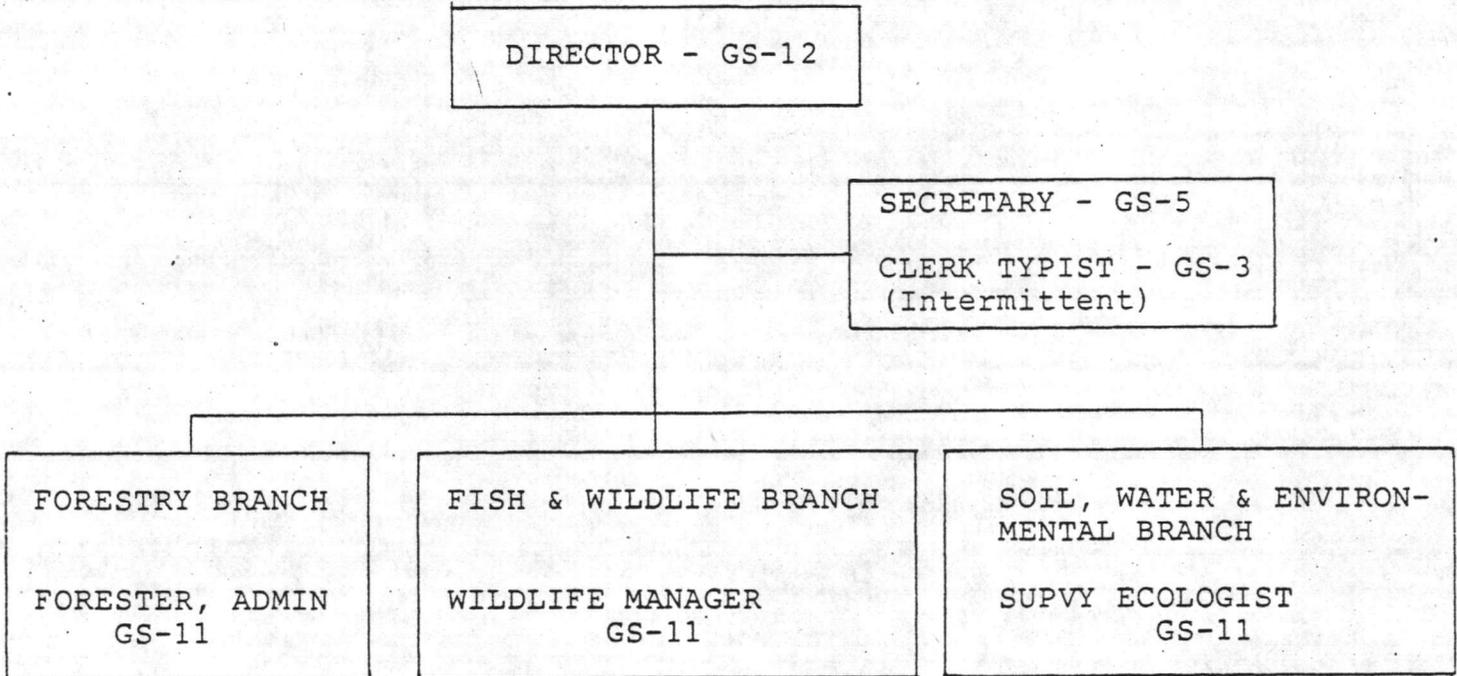


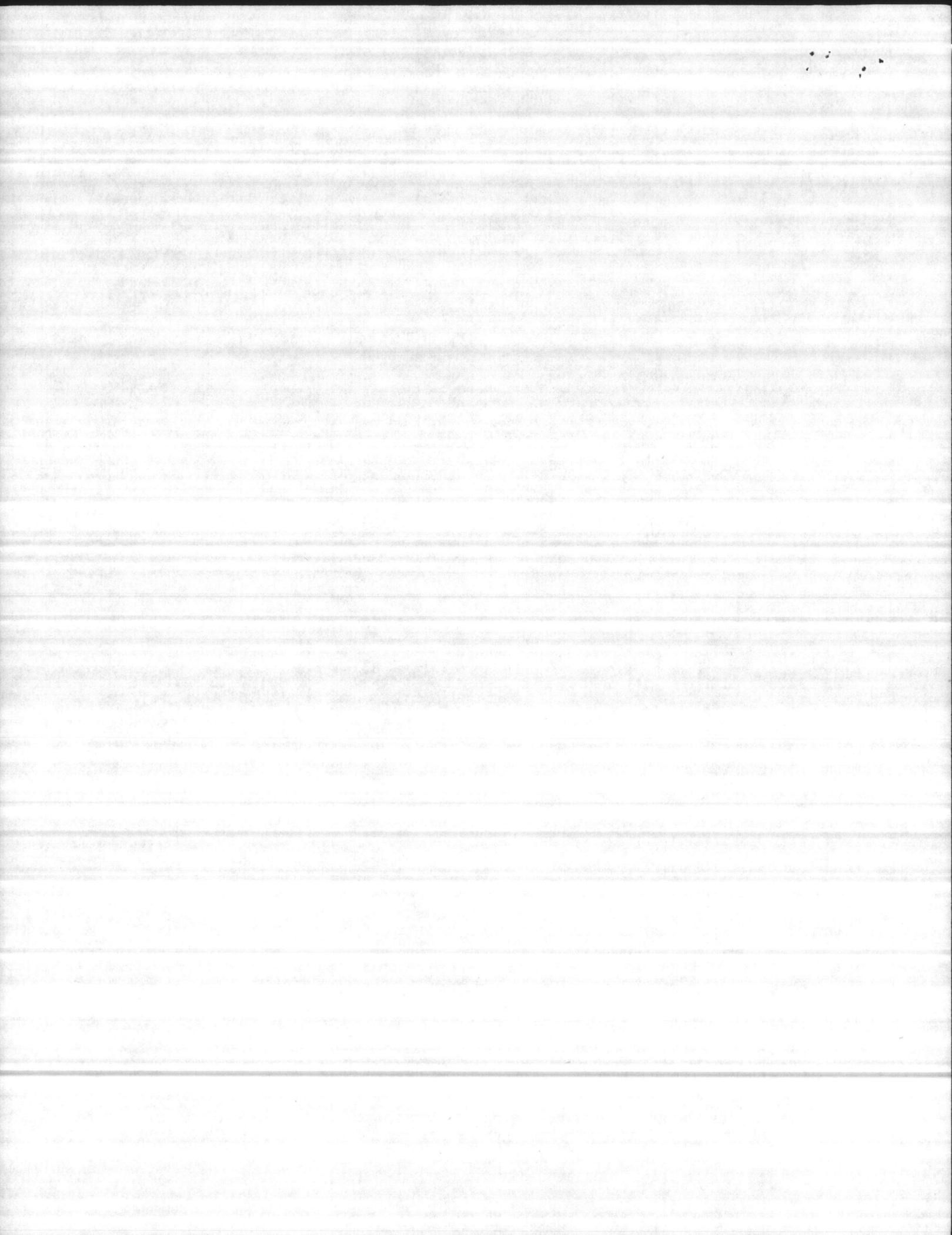
INTRODUCTION

Marine Corps Base, Camp Lejeune, is required by Public Law and DOD and HQMC directives to implement and manage an effective natural resources and environmental program which meets both pertinent laws and regulations as well as the operational and training needs of Fleet Marine Force Tenants. Management of the environmental program falls under the staff cognizance of the Assistant Chief of Staff, Facilities. Authority to manage the program has been delegated to the Director, Natural Resources and Environmental Affairs Division.



ADMINISTRATIVE/MANAGEMENT STAFF

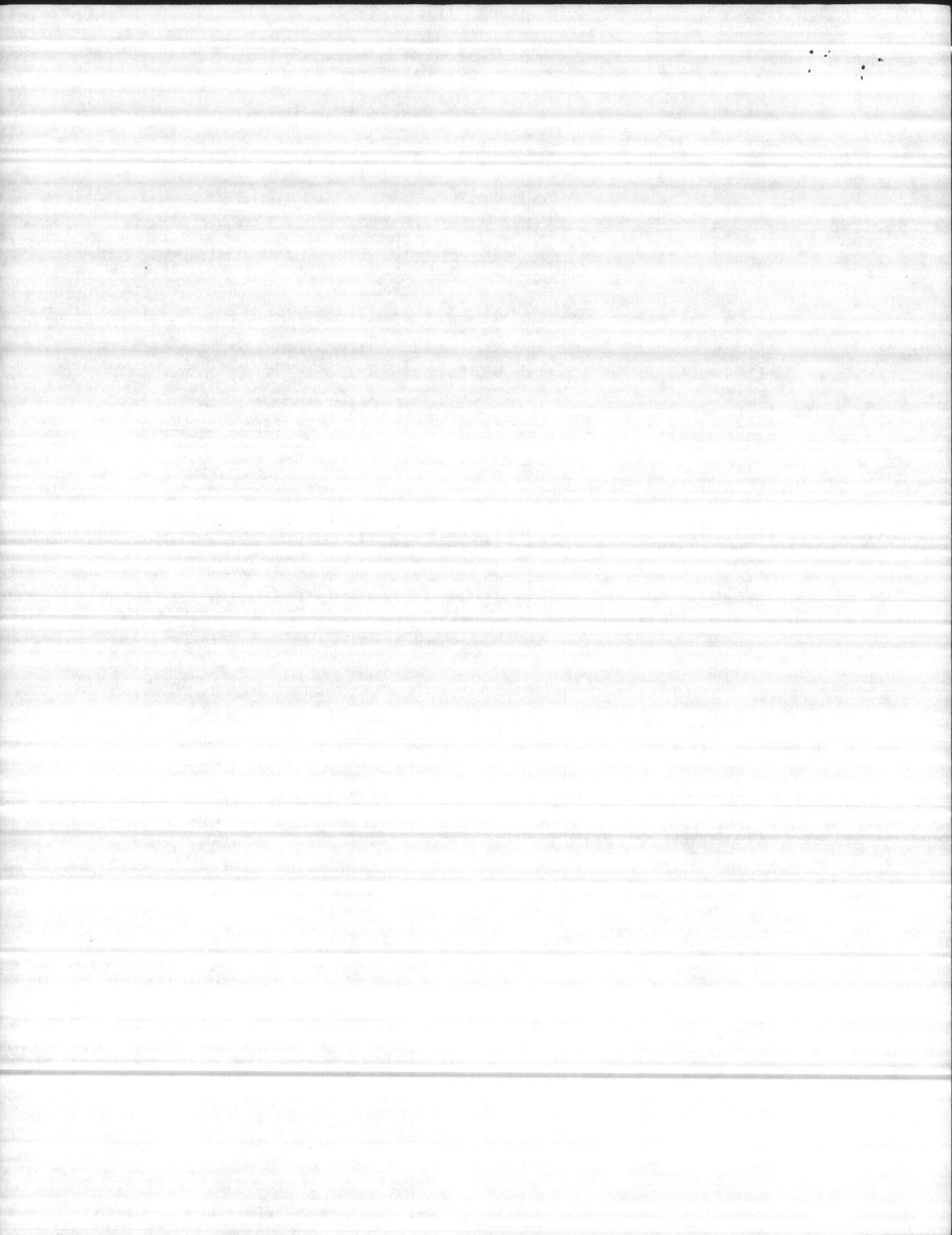




FORESTRY BRANCH

The Forestry Branch is tasked with managing, regenerating, improving and protecting the timber resources on the 72,042 acres of semi-improved and unimproved land within Camp Lejeune.

The forestlands are managed on a sustained yield multiple-use system with military training receiving priority. That is to say that the forest is managed so as to provide a constant supply of goods, such as timber products, wildlife habitat, high quality water and aesthetic values through perpetuity. Neither of these forest resources can be maximized nor can any go unconsidered during management decisions.



BASE FORESTER, ADMIN - GS-11

ASSISTANT BASE FORESTER - GS-9

SENIOR FOREST TECHNICIAN - GS-7

FOREST TECHNICIAN - GS-5

FOREST TECHNICIAN - GS-4

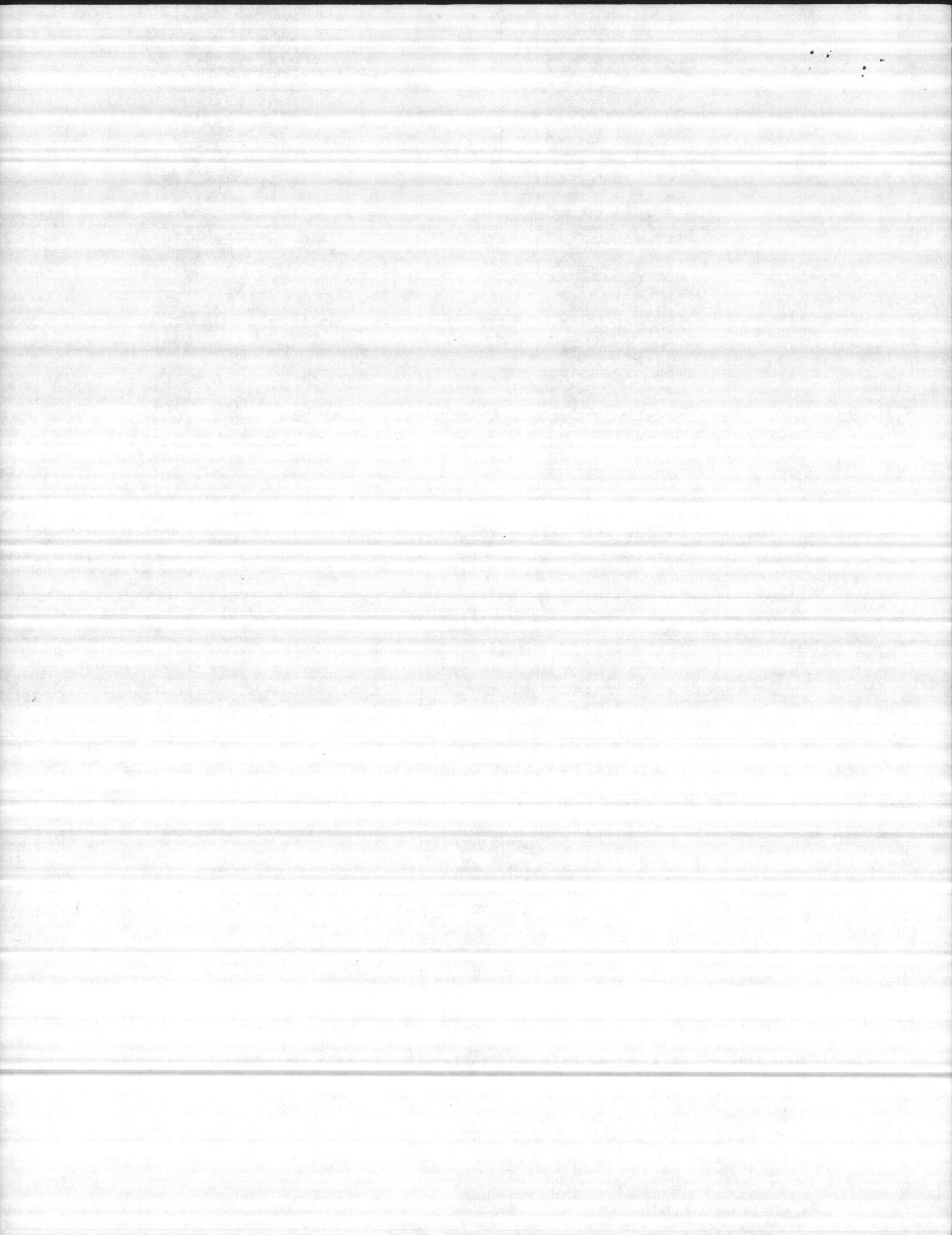
FOREST TECHNICIAN - GS-4

FORESTRY AID - GS-3

Primary Duties

1. Wildfire Suppression
2. Prescribed Burning
3. Site Preparation
4. Reforestation
5. Insect and Disease Management
6. Timber Marking (Smaller Sales)
7. Timber Sale Contract
(Administration (Smaller Sales))
8. Forest Administration

Continued



BASE FORESTER, ADMIN - GS-11

TIMBER MANAGEMENT FORESTER - GS-9

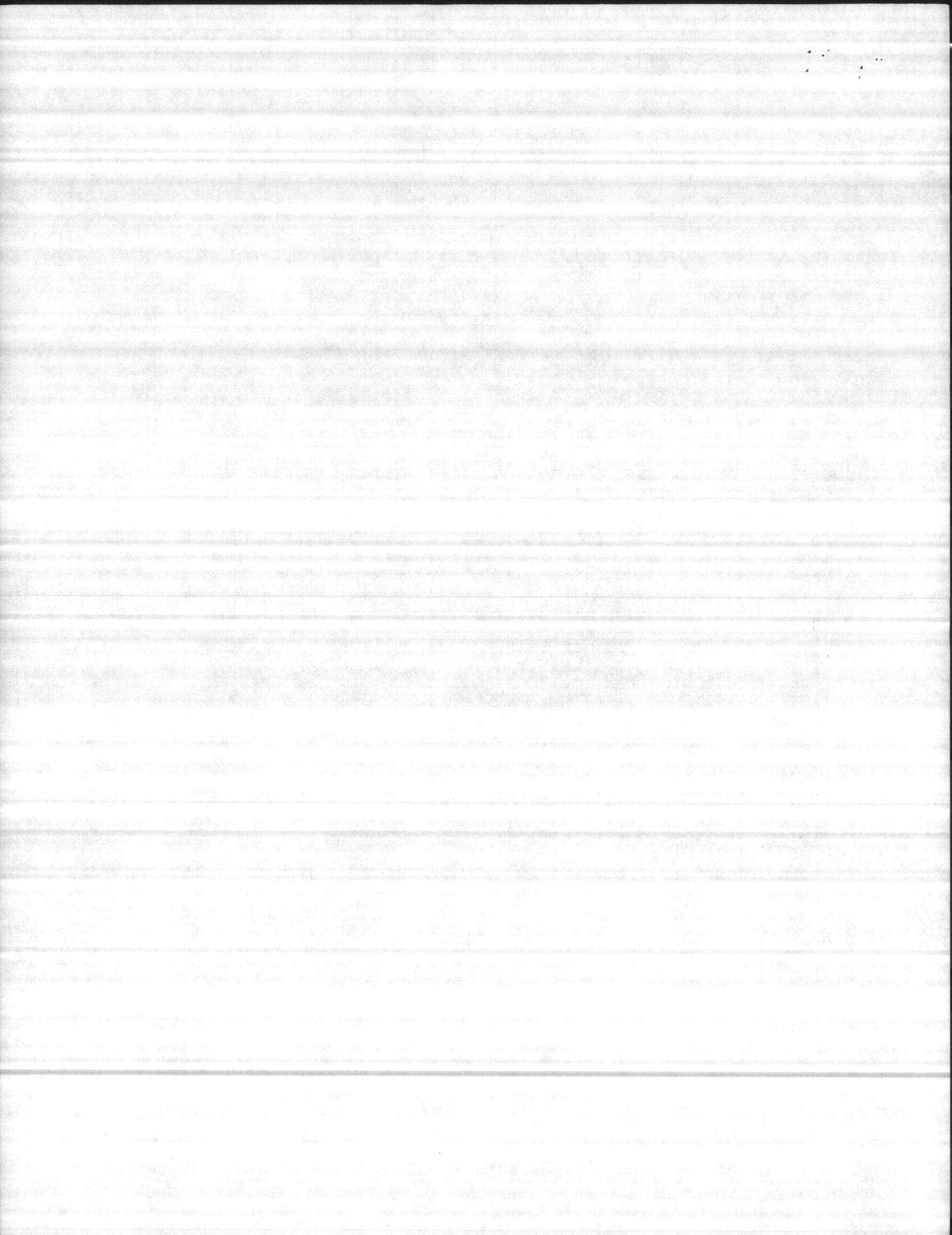
FOREST TECHNICIAN - GS-5

FOREST TECHNICIAN - GS-4

FOREST-TECHNICIAN - GS-4

Primary Duties

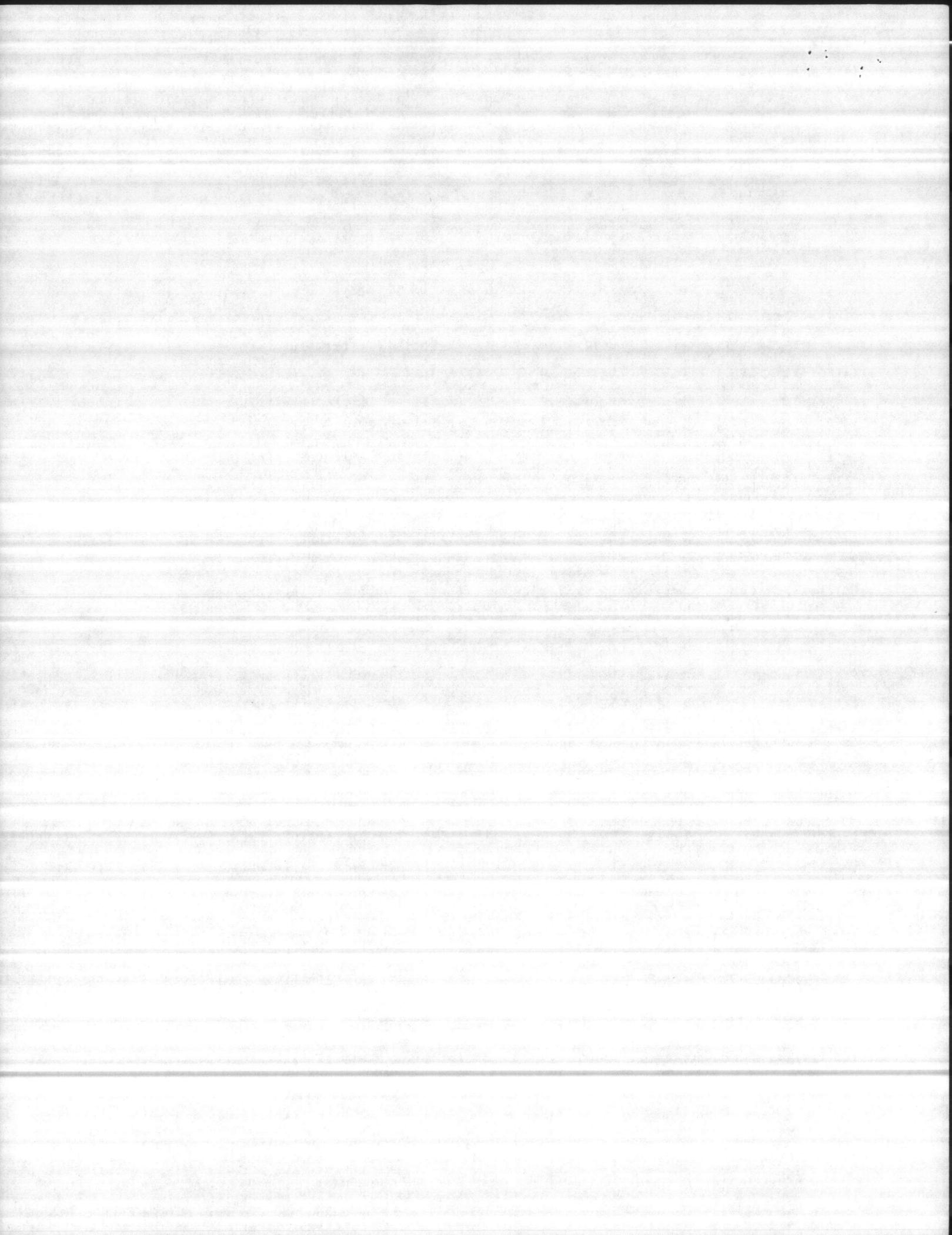
1. Compartment Prescription
2. Timber Marking (Large Sales)
3. Timber Sale Contract
(Administration (Large Sales))



The forestry program is self-supporting from proceeds from the sale of timber products on the base. Estimated income from timber products sales in FY-84 is \$434,376.

FY-84 BUDGET

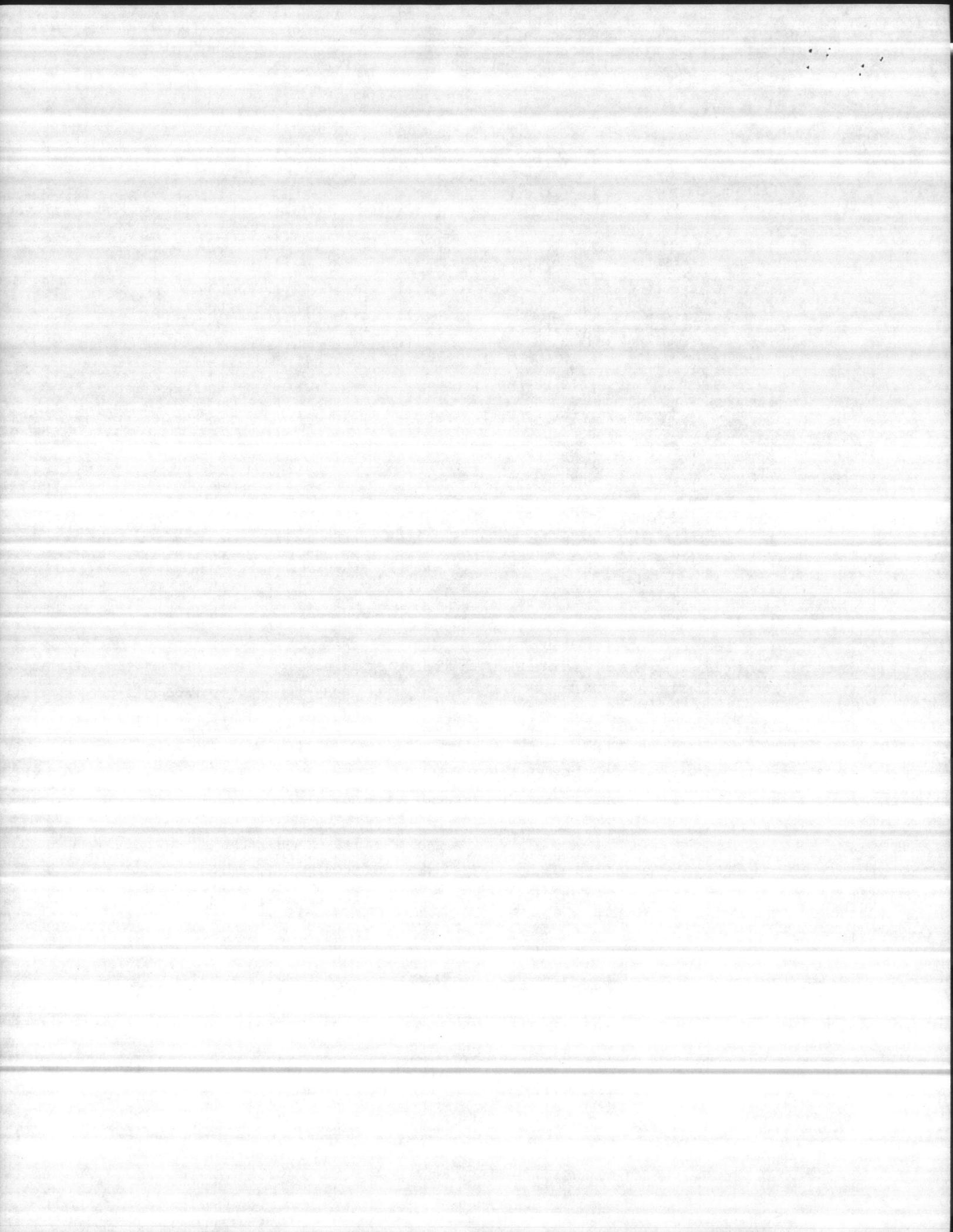
Forestry Management Salaries	\$229,760
Materials, Supplies, Equipment/Maintenance	<u>175,740</u>
Total Funds Required	\$415,500



FORESTRY VEHICLES AND HEAVY EQUIPMENT

(Owned by NREAD)

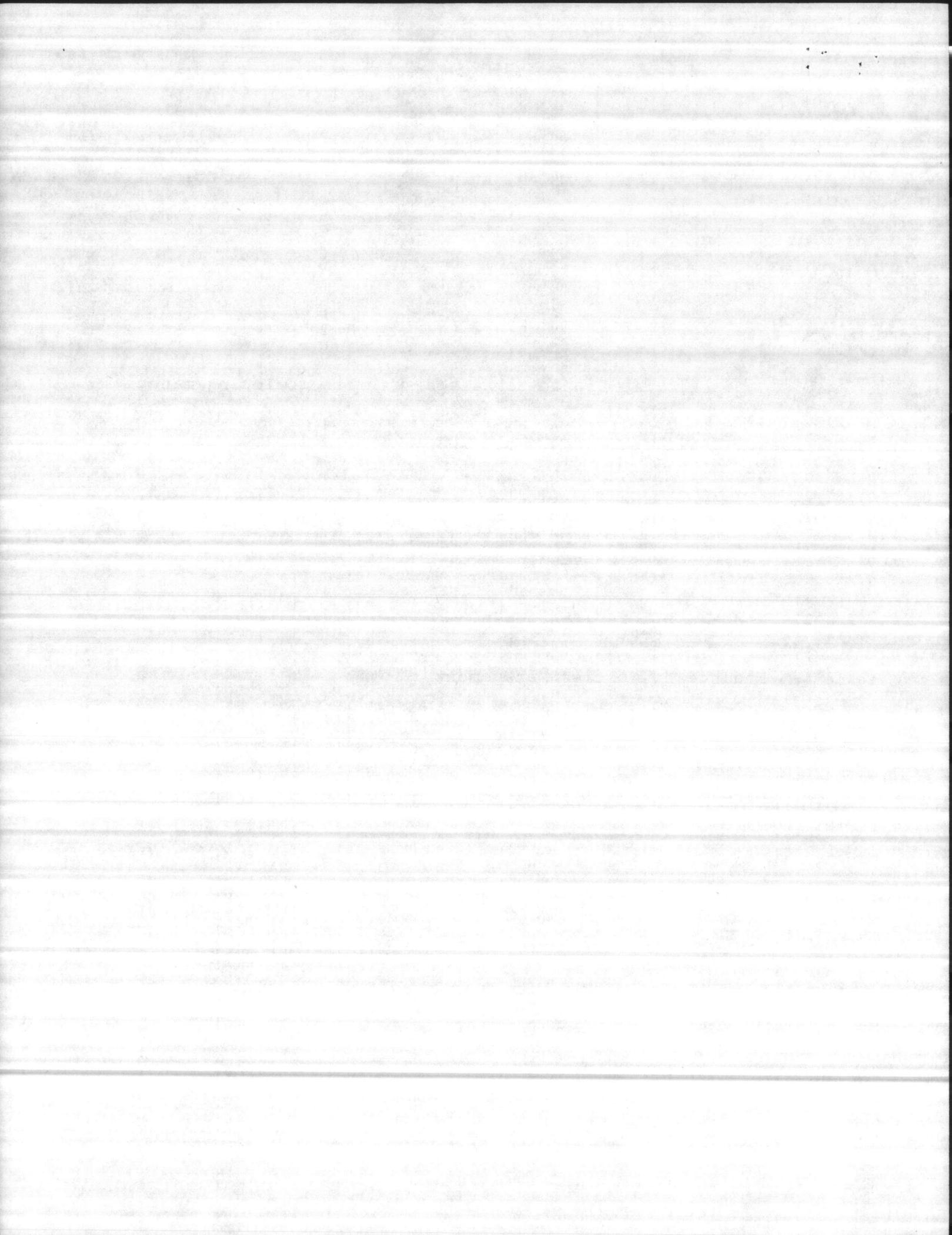
<u>Four-Wheel Drive Vehicles</u>	<u>No. of Vehicles</u>
Pickup Truck Crew Cab 4-door for Crew Transportation	3
Pickup Truck 2-door - ½ Ton	2
Administrative Vehicle (Utility) - Passenger	2
Tractor and Lowbed Heavy Equipment Transport	2
TD-15 Lowground Pressure Bulldozer (Site Preparation)	1
D-4 Lowground Pressure Bulldozer (Planting & Prescribe Burning)	1



FISH AND WILDLIFE BRANCH

The Fish and Wildlife Branch is tasked with the following management responsibilities:

1. Fish Management
2. Game Species Management
3. Nongame Species Management
4. Endangered Species Management
5. Archaeological and Historical Resources Protection
6. Wildlife Law Enforcement



WILDLIFE MANAGER - GS-11

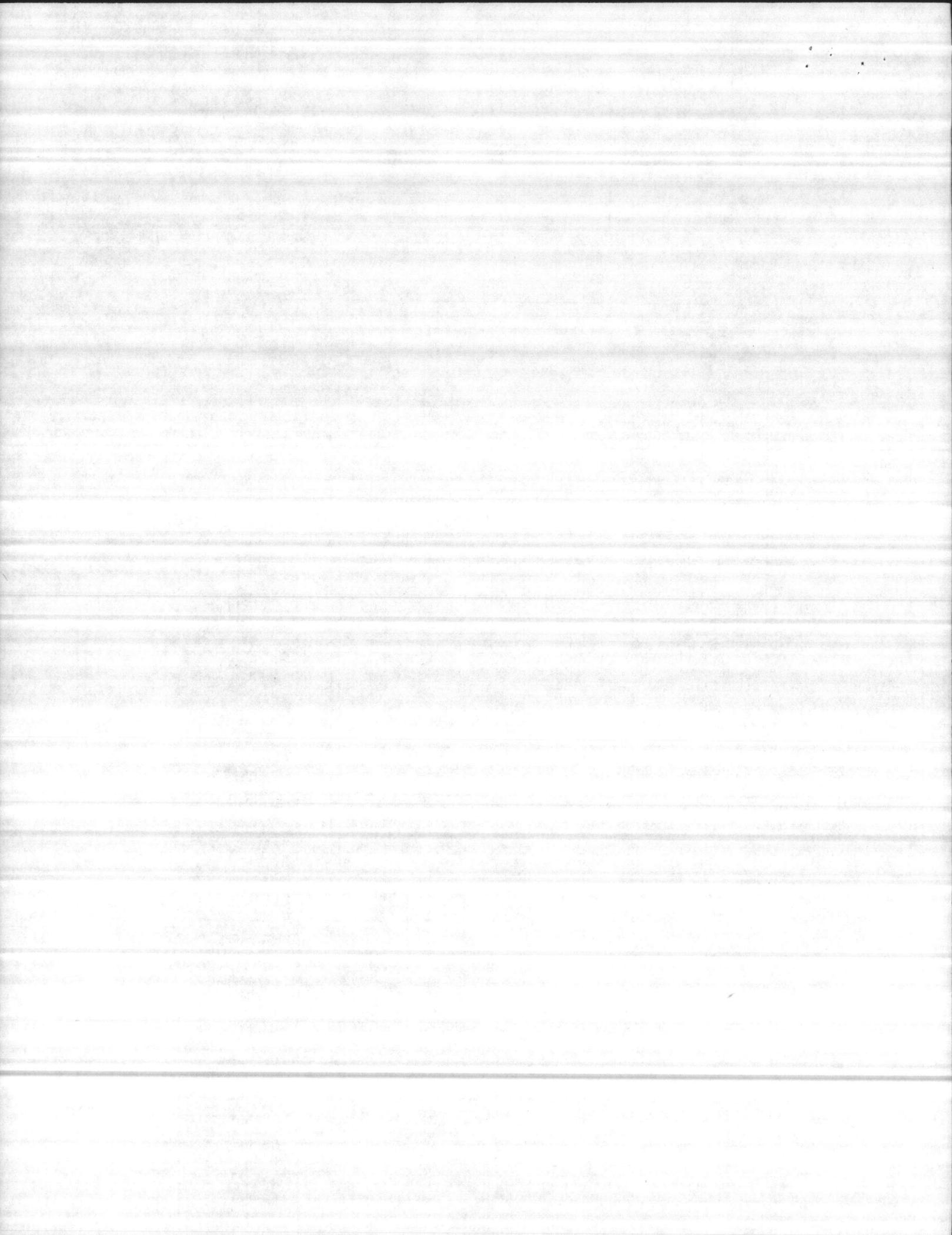
BIOLOGIST (WILDLIFE) - GS-7

BIOLOGICAL TECHNICIAN (WILDLIFE) - GS-7

Primary Duties

1. Endangered Species Management
2. Fish Management
3. Game Management
4. Nongame Management
5. Habitat Monitoring
6. Wildlife Censusing
7. Habitat Improvement
8. Environmental Assessment Review
9. Conservation, Environmental Reports
10. Wildlife Program Presentations to Military and Civilian Community

Continued



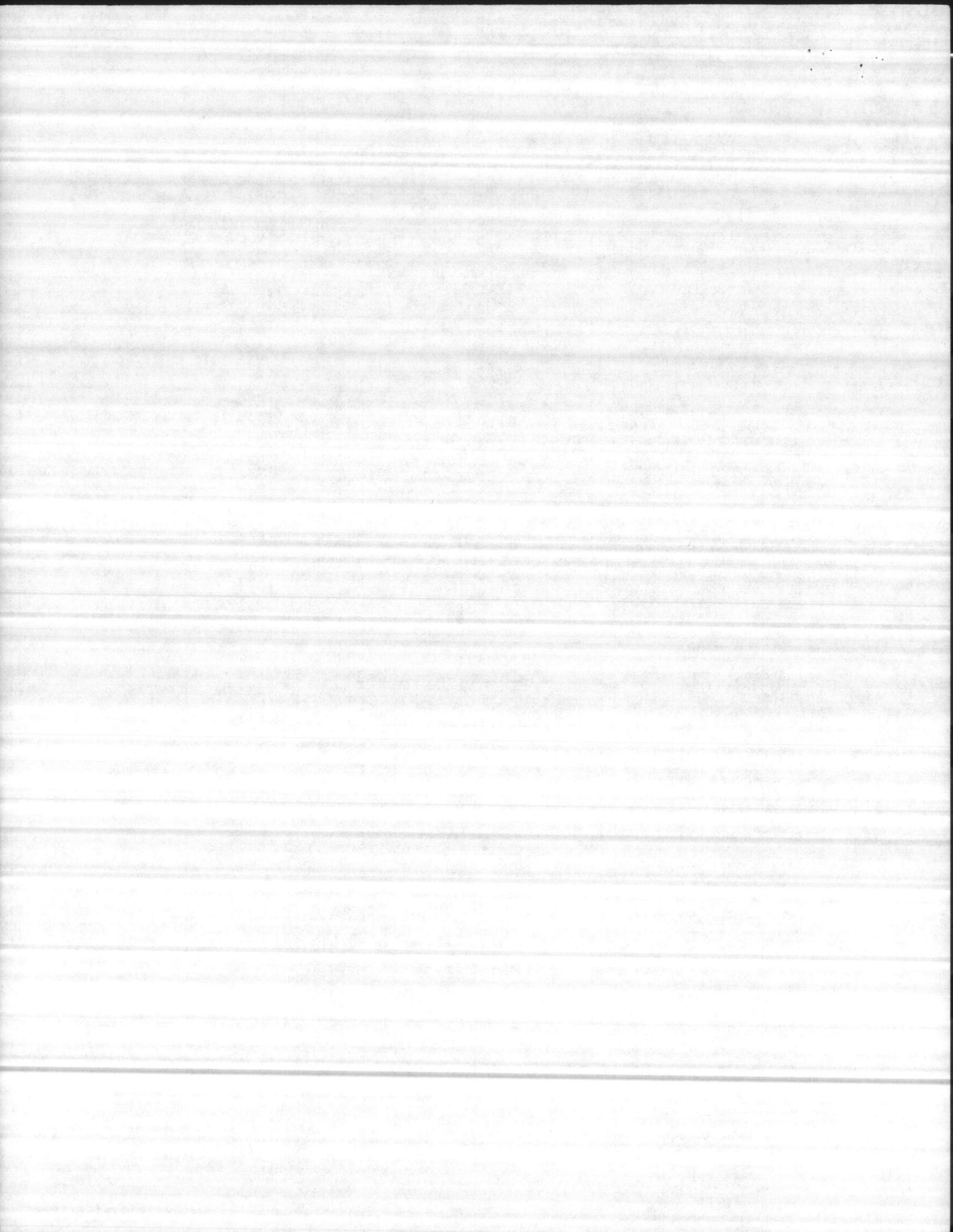
WILDLIFE MANAGER - GS-11

ASSISTANT GAME PROTECTOR (2)	SSGT
"	SGT
"	CPL
ADMINISTRATIVE CLERK (2)	CPL
CHECK STATION ATTENDANT	CPL
"	CPL
* "	L/CPL

*-FAP (Fleet Assistance Personnel)

Primary Duties

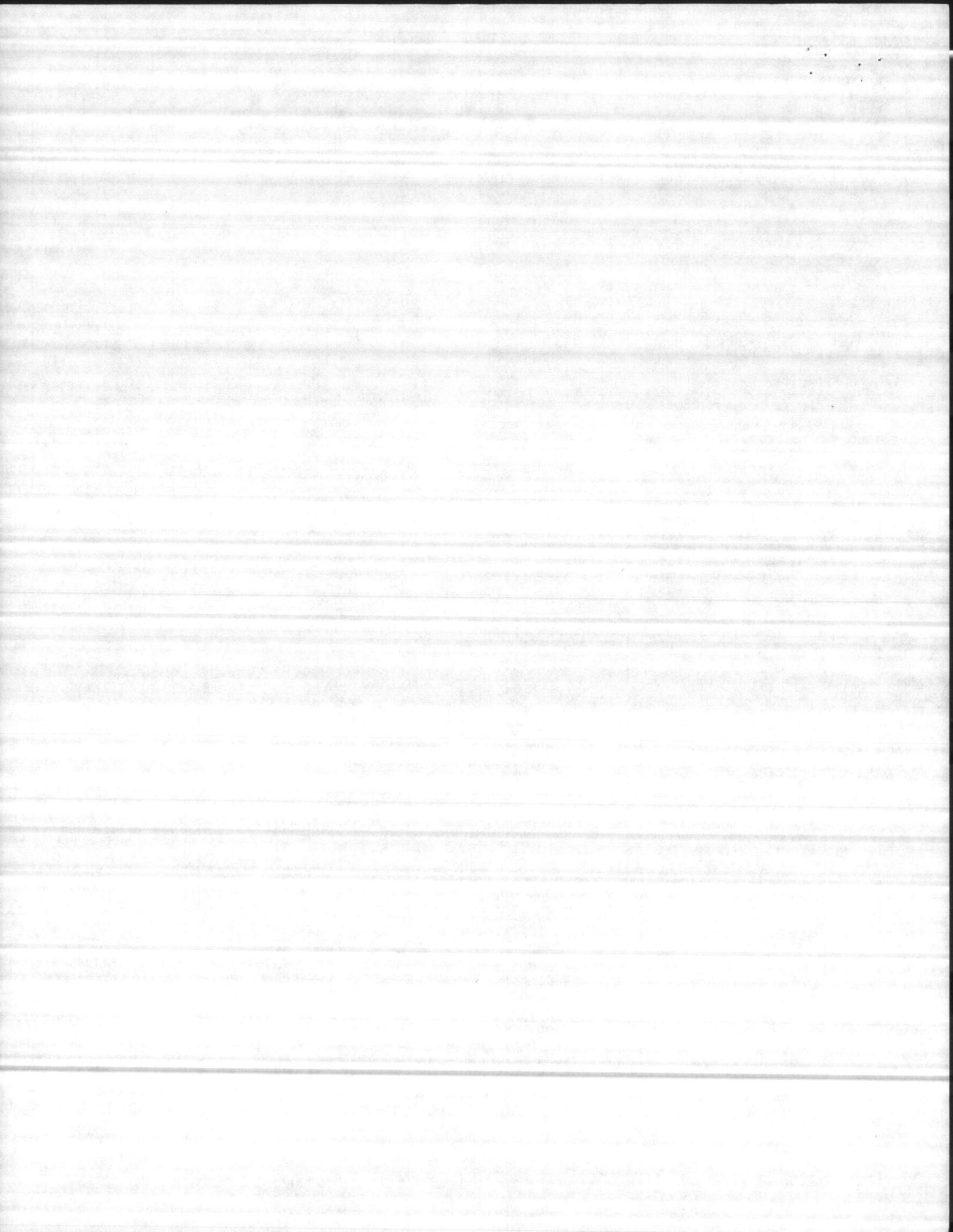
1. Enforcement of base, state and federal regulations
2. Issuance of base hunting, fishing, trapping & firewood permits
3. Collection & accountability of public funds
4. Operation of hunter check station
5. Assignment of areas for hunting, fishing, trapping & collecting firewood
6. Collecting harvest information



Fish and Wildlife funds are from Appropriated Funds and Nonappropriated Funds (Sale of Hunting, Fishing and Trapping Permits).

FY-84 BUDGET

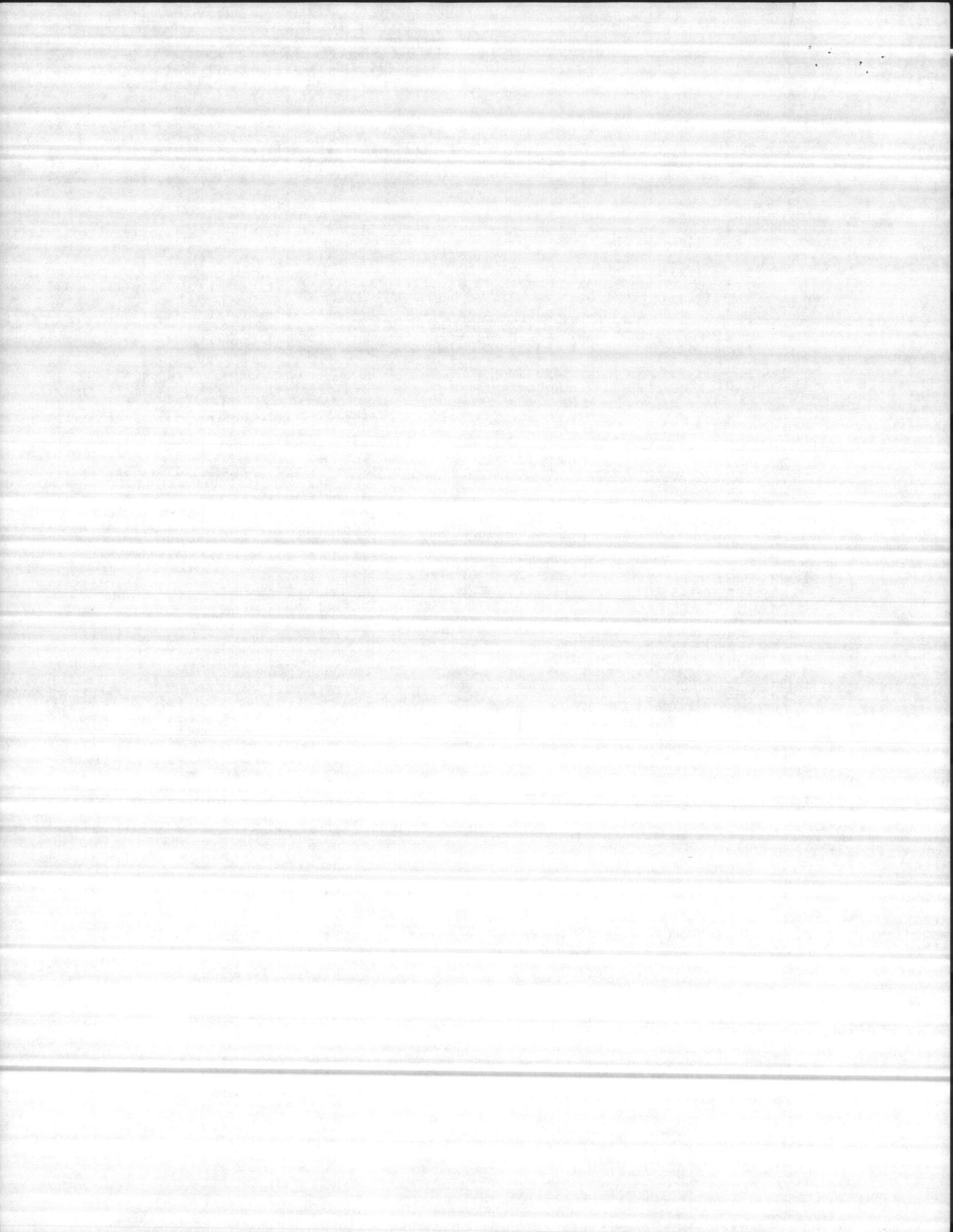
Wildlife Personnel Salaries	\$ 94,248
Wildlife Management Projects	100,583
Wildlife Management Projects (Permit Funds)	<u>22,227</u>
Total Funds Required	\$217,058



FISH AND WILDLIFE VEHICLES

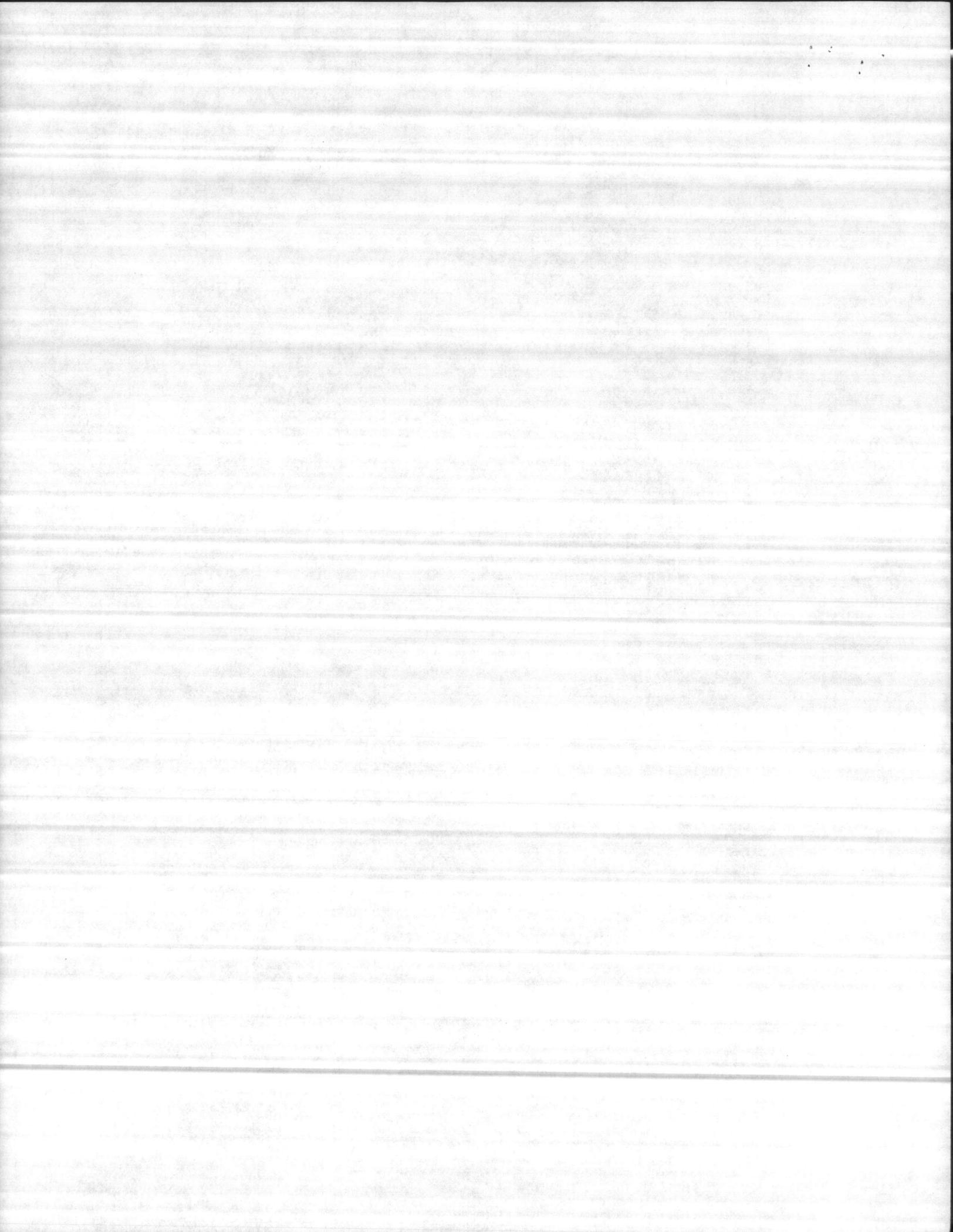
Vehicles assigned by Base Motor Transport for use by wildlife function.

<u>Four-Wheel Drive Vehicles</u>	<u>No. of Vehicles</u>
Jeep (Wildlife Manager)	1
Jeep (Game Warden)	1
Pickup Truck (Biological Technician)	1
" (Biologist)	1
" (Game Warden)	1



SOIL, WATER AND ENVIRONMENTAL BRANCH

The Soil, Water and Environmental Branch is tasked with providing professional and technical assistance to the Command and to base organizations and tenants on matters dealing with environmental protection, soils and wetlands management and environmental health.



SUPERVISORY ECOLOGIST - GS-11

ENVIRONMENTAL PROTECTION
SPECIALIST - GS-9

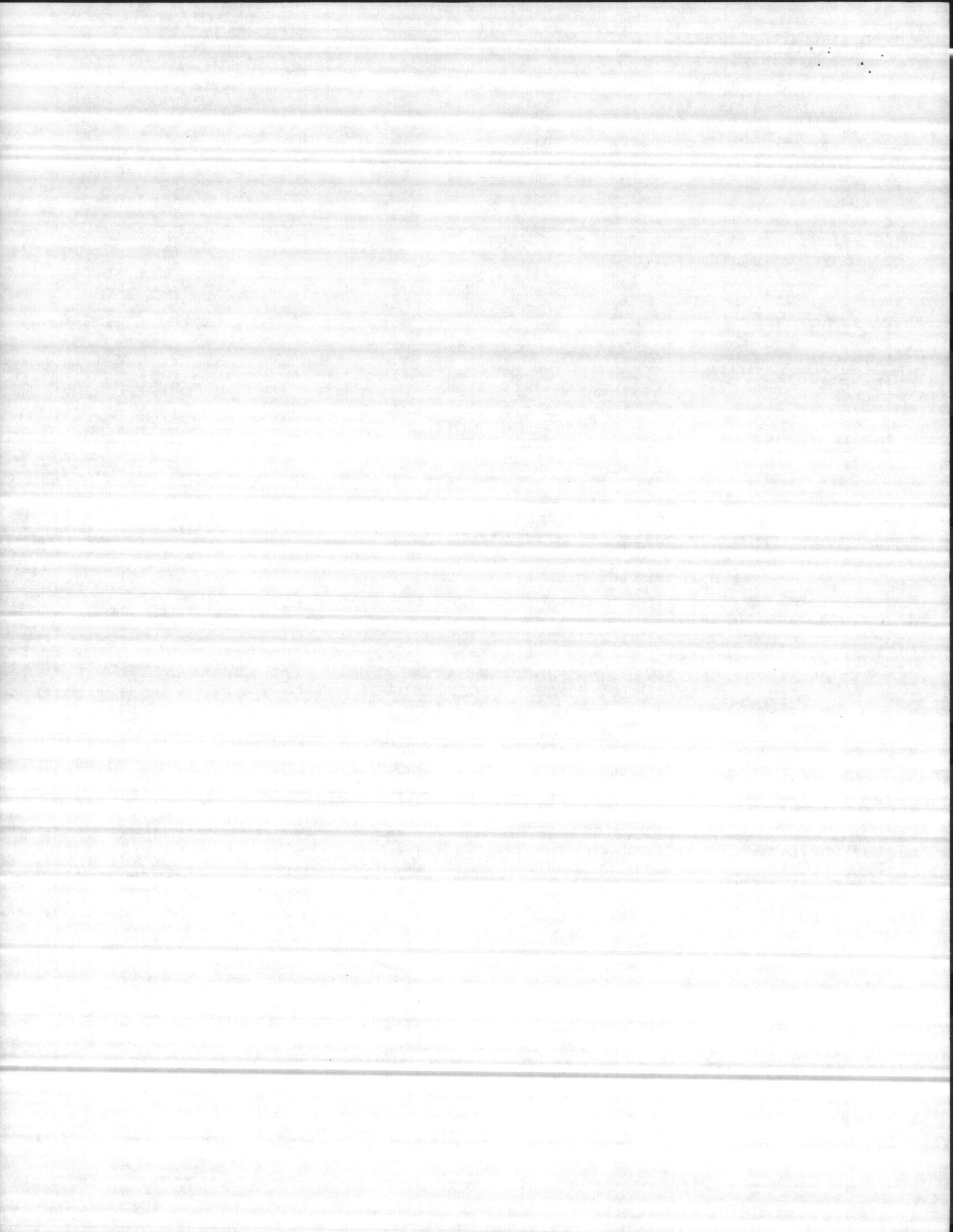
SUPERVISORY CHEMIST
GS-10

Primary Duties

Supervisory Ecologist, Supervisory Chemist and Environmental Protection Specialist are professional billets. In addition to supervisory and/or administrative duties are primarily involved on a day-to-day basis in the following:

1. *WATER Quality Monitoring: A WASTE water B Drinking water*
Monitoring industrial and domestic wastewater disposal
2. *Water Pollution Abatement*
3. Management and disposal of hazardous materials and wastes
4. Coordination of oil and other hazardous substance spill prevention, control and countermeasures (SPCC) plan implementation
4. ~~Serving as on scene coordinator (OSC) for routine oil spills~~
5. Preparation of environmental reports
6. Providing on-site technical assistance to action sponsors, involved in the preparation of environmental assessment and reviewing environmental impact assessments which are submitted to AC/S, Facilities for action *on environmental impact assessment*
7. Soils and wetlands management, including erosion control, drainage and soil mapping/interpretation *of soil maps*
8. Interpreting water quality data and developing recommendations for followup action.

*Protection of wetlands, Floodplains, Barren
Continued
Islands, and prime farmland*



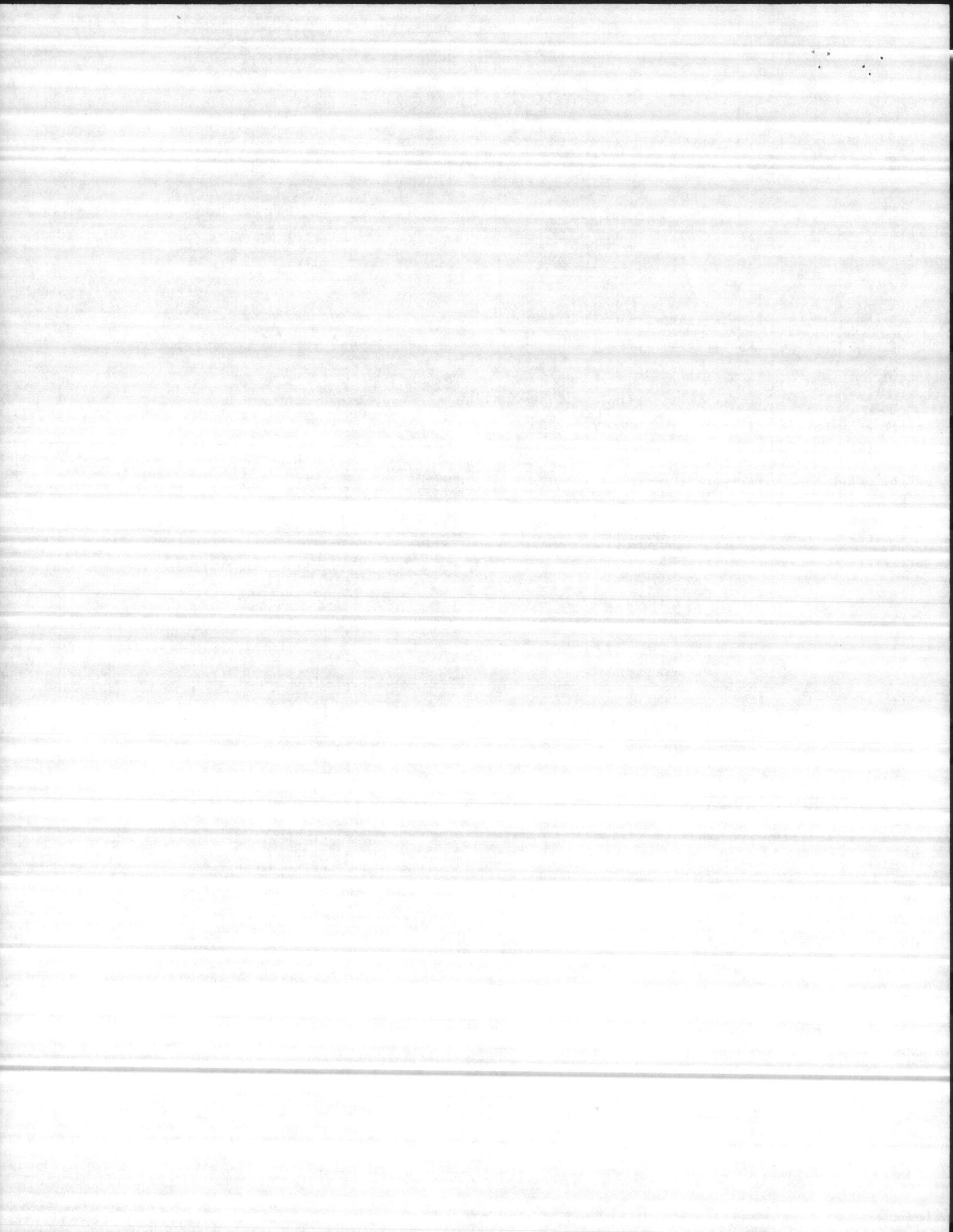
SUPERVISORY ECOLOGIST - GS-11

SOIL CONSERVATION TECHNICIAN
GS-6

Primary Duties

This is a subprofessional billet developed to provide technical assistance and engineering services in the areas of on-site sanitary waste disposal, erosion control and drainage and maintenance of military training areas and roads.

Continued



SUPERVISORY ECOLOGIST - GS-11

SUPERVISORY CHEMIST - GS-10

PHYSICAL SCIENCE TECHNICIAN GS-7

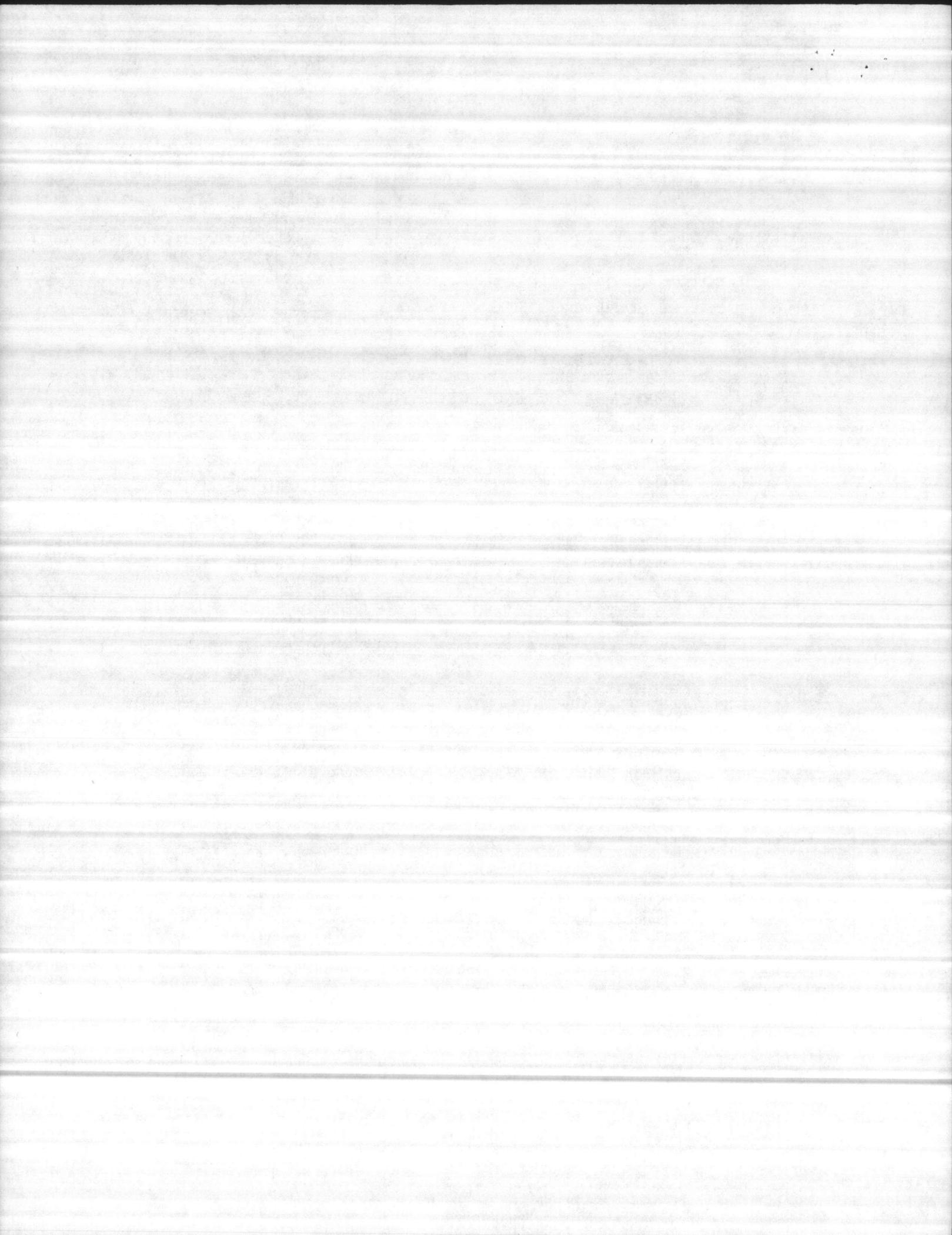
" GS-6

" GS-6

" GS-5

Primary Duties

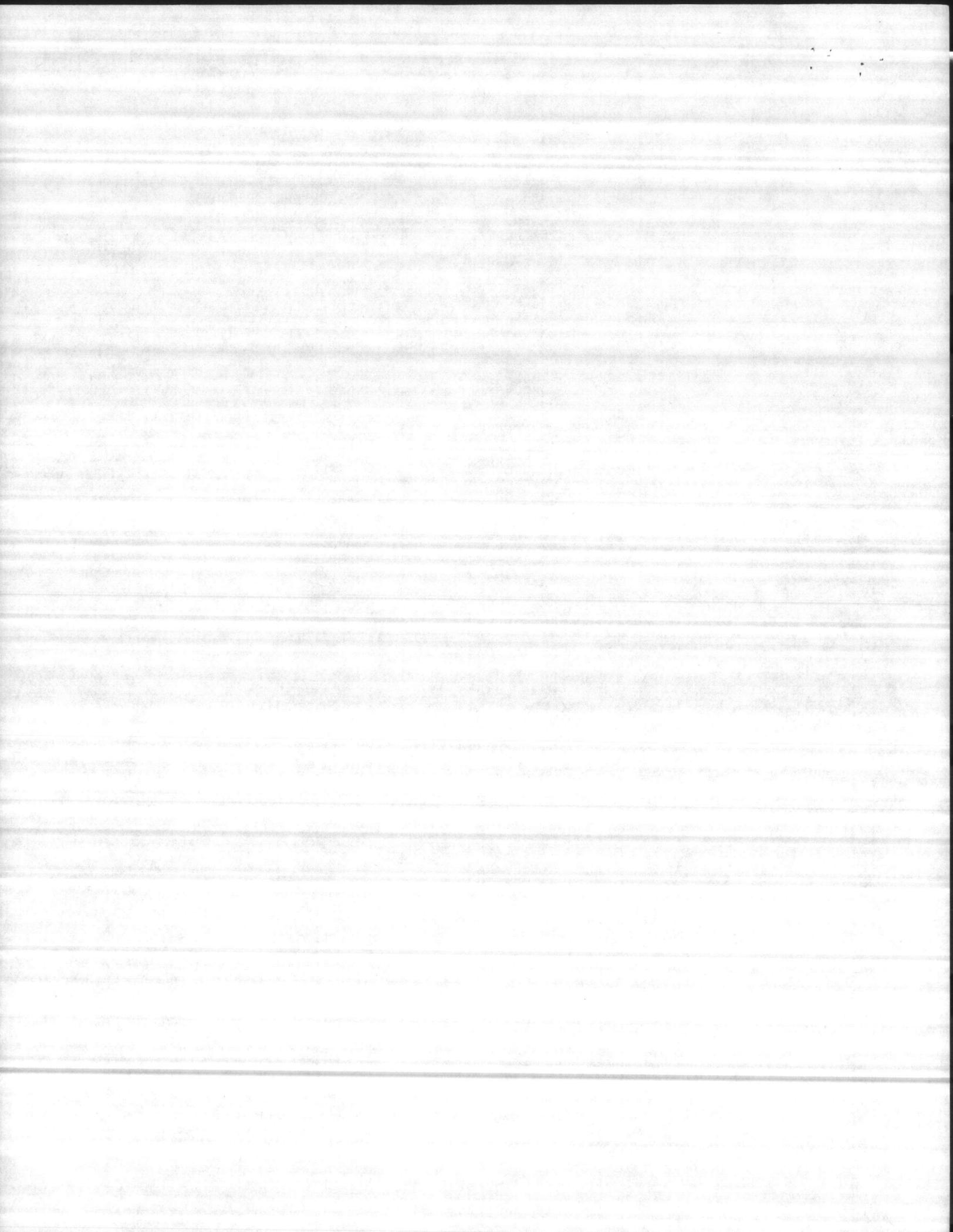
These technicians are subprofessional billets primarily involved in accomplishing sampling and laboratory analytical support required to monitor wastewater & drinking water as required by the Clean Water Act (NPDES Permit), the Safe Drinking Water Act (as implemented by the State of North Carolina and public health regulations of the Department of Defense.



Actual branch operating expenses:

FY-84 BUDGET

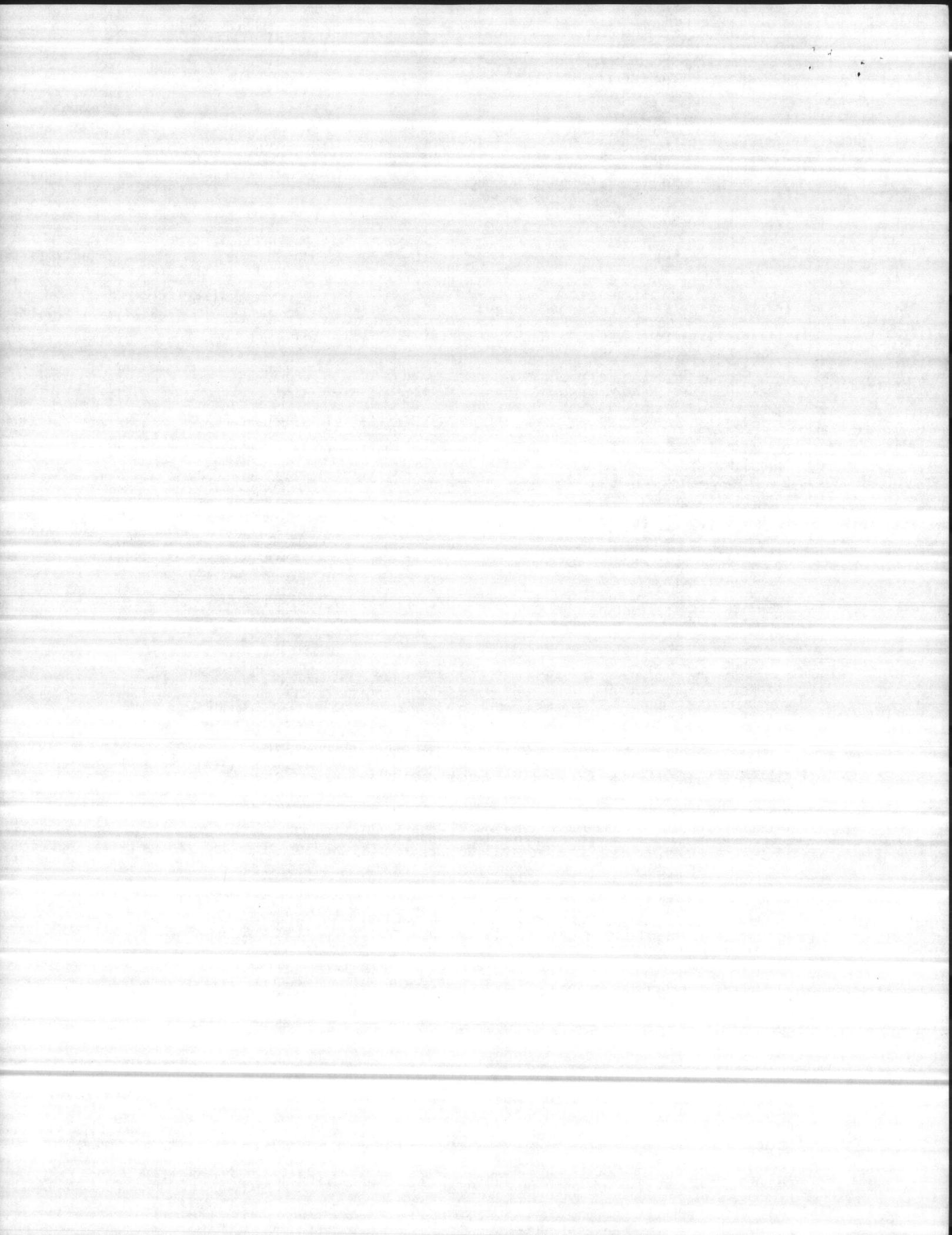
Salaries	\$195,583
Laboratory Supplies & Equipment/Maintenance	20,000
Service Contracts for Laboratory Analysis	20,000
Equipment Purchases	17,100
TAD for Training & Professional Meetings	4,375
Studies	<u>20,000</u>
Subtotal	\$279,058
Projects identified by NREAD to Base Maintenance Division for O&M Funding	<u>84,000</u>
Total Funds Required	\$363,058



SOIL, WATER AND ENVIRONMENTAL VEHICLES

Vehicles assigned by Base Motor Transport for use by Soil, Water and Environmental function.

<u>Four-Wheel Drive</u>	<u>No. of Vehicles</u>
Pickup Truck (Ecologist)	1
" (Environmental Protection Specialist)	1
" (Quality Control Laboratory)	1



REPORTS

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION

These reports are submitted annually to HQMC:

Natural Resources Conservation Report
Environmental Quality Report
Annual Operational Plan
Environmental/Natural Resources Management Summary Report

FORESTRY BRANCH

Southern Pine Beetle Aerial Survey (Periodically) - US Forest Service
(Provided as a courtesy copy)
Timber Sale Contract Inspection Report (Periodically) - ROICC

FISH & WILDLIFE BRANCH

These reports are submitted annually to:

Sea Turtle Inventory Report - US Fish & Wildlife Service
Sea Turtle Tagging Report - National Marine Fisheries
Sea Turtle Stranding Report - NC Wildlife Resources Commission
Red-Cockaded Woodpecker Survey Report - US Fish & Wildlife Service
Red-Cockaded Woodpecker Habitat Violation Report - US Fish & Wildlife Service
Base Red-Cockaded Woodpecker Habitat Violation Report (Periodically)
- Sent to Involved Command
Deer Abomasum Parasite Analysis Report - NC Wildlife Resources Commission
(Provided as a courtesy copy)

Continued

REPORTS

SOIL, WATER AND ENVIRONMENTAL BRANCH

Oil & Hazardous Product Spill Report (Submitted subsequent to all reportable oil/hazardous waste spills) - HQMC, USCG, EPA & State

Wastewater Discharge Monitoring Report (Quarterly) - EPA & State
(Required by NPDES Permit)

Sewage Bypass Report (Submitted subsequent to bypass) - EPA, State, LANTNAVFACENGCOM, OIC-PMU (Required by NPDES Permit)

NC Division of Health Services Report of Bacteriological & Chemical Analysis of Drinking Water (Monthly) - State & LANTNAVFACENGCOM
(Required by SDWA*)

Trihalomethane Report (Quarterly) - State & LANTNAVFACENGCOM
(Required by SDWA*)

Inorganic Chemical Report (Every 3 years) - State & LANTNAVFACENGCOM
(Required by SDWA*)

Radionuclides (Every 3 years) - State & LANTNAVFACENGCOM
(Required by SDWA*)

Biological Analysis of New River (Monthly) - City of Jacksonville
(Provided as a courtesy copy)

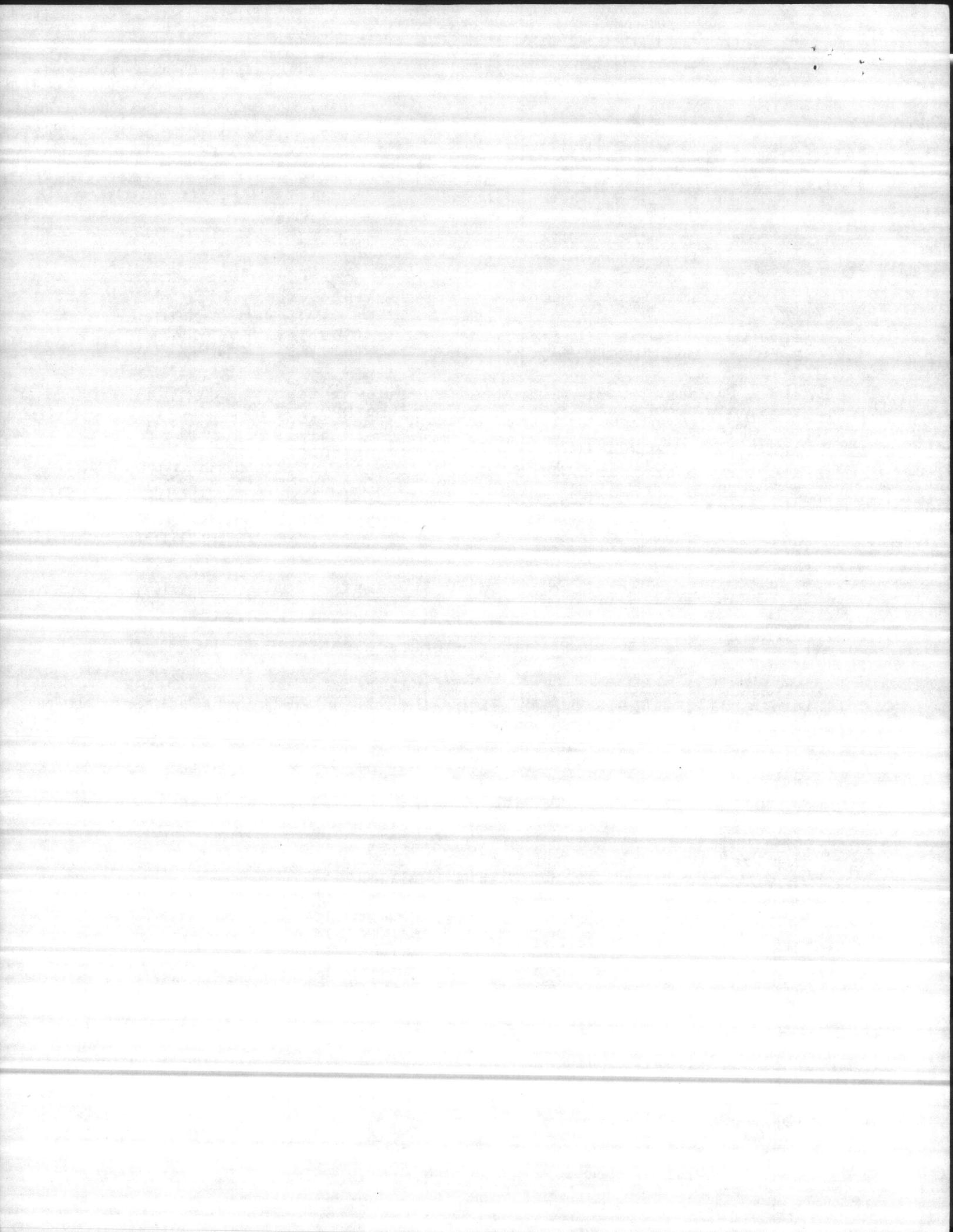
Wastewater Report (Weekly) - Base Maintenance (Utilities Branch)

Miscellaneous Bacteriological Analysis of Potable Water (Monthly) - Preventive Medicine (PMU)

Chemical Analysis of Potable Water Treatment Plants (Weekly) - Base Maintenance (Provided as a courtesy copy to PMU)

Bacteriological Analysis of Water (Weekly) - Base Maintenance & PMU

*SDWA - Safe Drinking Water Act



AGREEMENTS

1. Cooperative Agreement with Onslow County, Soil and Water Conservation District
2. Cooperative Agreement with North Carolina Wildlife Resources Commission
3. Cooperative Agreement with US Fish and Wildlife Service
4. Cooperative Agreement with NC Forest Service
5. Cooperative Agreement with US Forest Service
6. Cooperative Agreement with NC State University

