

Appendix 13A Management Plan Outline

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Executive Summary

Summary of essential issues within the plan and relevant decisions/management actions

Introduction

Purpose and scope of plan

PART 1: OVERVIEW AND VISION

Overview

1. Reserve description
 - a. Importance and key features of reserve
 - b. Summary of resources, how reserve is used, legal and management framework
2. Opportunities for the reserve
3. Principal threats to reserve function, management, and/or maintenance

Vision

1. Broad, long-term vision for the reserve
2. Guiding policies for the management of the reserve
3. Any goals not specific to programs, administration, or facilities

Background: Biological and Cultural Resources

1. Environmental setting
 - a. Location
 - b. Topography
 - c. Geology
 - d. Soils
 - e. Watersheds and hydrology
 - f. Habitat types
2. Landscape history
 - a. Resource use (e.g. agriculture, grazing, logging)
 - b. Natural events (e.g. fire, flood)
 - c. Ownership, inholdings
 - d. Description of adjacent lands
3. Biological resources
 - a. Vegetation communities
 - b. Plant species of interest
 - c. Wildlife species of interest
 - d. Wildlife corridors
 - e. Sensitive species/ populations
 - f. Current threats and management issues
4. Cultural resources
 - a. Description of cultural resources
 - b. Current threats and management issues

Zoning

If a zoning plan exists, include here or append separate document

PART 2: RESERVE USER PROGRAMS

1. Overview of programs
 - a. Research
 - b. University-level Education
 - c. Public Service
2. Reserve user programs
 - a. Research
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - b. University-level Education
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - c. Public service
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
3. Summary list and prioritization of goals, objectives, and tasks

PART 3: CONSERVATION & STEWARDSHIP PROGRAMS

1. Overview of programs
 - a. Habitat preservation program
 - b. Restoration and enhancement program
 - c. Invasive exotic plant removal plan
 - d. Endangered and threatened species protection and recovery program
 - e. Animal damage control program
 - f. Public access program
 - g. Inventory and monitoring program
 - h. Vector control program
 - i. Watershed management program
 - j. Flood control program
 - k. Cultural resource protection program
2. Conservation/ stewardship programs
 - a. Habitat preservation program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - b. Restoration and enhancement program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - c. Invasive plant removal plan
 - i. Status
 - ii. Existing policies

- iii. Current management actions
 - iv. Goals, objectives, and tasks
 - d. Endangered and threatened species protection and recovery program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - e. Inventory and monitoring program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - f. Animal damage control program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - g. Public access program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - h. Vector control program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - i. Watershed management program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - j. Flood control program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - k. Cultural resource protection program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks

3. Summary list and prioritization of goals, objectives, and tasks

PART 4: ADMINISTRATION

- 1. Overview of administrative programs
 - a. Reserve administration
 - b. Fiscal program
 - c. Communications program
 - d. Health and safety program
 - e. Catastrophic event response program
 - f. Cooperative management program
 - g. Acquisition and easement program
- 2. Administrative programs

- a. Reserve administration
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- b. Fiscal program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- c. Communications program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- d. Health and safety program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- e. Catastrophic event response program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- f. Cooperative management program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
- g. Acquisition and easement program
 - i. Status
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks

3. Summary list and prioritization of goals, objectives, and tasks

PART 5: FACILITIES¹

- 1. Overview of facilities
 - a. Housing
 - b. Work Space
 - c. Utilities
 - d. Communication Systems
 - e. Environmental Monitoring Systems
 - f. Experimental Systems
 - g. Circulation and Access
 - h. Vehicles
 - i. Garages and Boat Houses
 - j. Storage and Maintenance Facilities
 - k. Security and Emergency Systems
 - l. Map(s) of Facilities

¹ Please refer to Chapter 14 of the NRS Administrative Handbook for Guidelines for Facilities Development. The types of facilities listed here are detailed in the Facilities Checklist in Chapter 14 Appendix A.

2. Facilities
 - a. Housing
 - i. Description
 - ii. Occupancy limits
 - iii. Existing policies and current management actions
 - iv. Goals, objectives, and tasks
 - b. Work Space
 - i. Description
 - ii. Occupancy limits
 - iii. Existing policies and current management actions
 - iv. Goals, objectives, and tasks
 - c. Utilities
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - d. Communication Systems
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - e. Environmental Monitoring Systems
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - f. Experimental Systems (e.g. structures, perterbations)
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - g. Circulation and Access (e.g. roads, trails, parking, docks)
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - h. Vehicles
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - i. Garages and Boat Houses
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - j. Storage and Maintenance Facilities
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
 - k. Security and Emergency Systems
 - i. Description
 - ii. Existing policies and current management actions
 - iii. Goals, objectives, and tasks
3. Summary list and prioritization of goals, objectives, and tasks

PART 6: APPENDICES

Suggested Appendices

1. Species lists
2. List of research projects and activities at reserve (specify date range)
3. List of publications resulting from work at the reserve (specify date range)
4. Deeds, easements, and cooperative agreements
5. Federal and state requirements associated with the reserve
6. List of important contacts
7. Record of important decisions made concerning the reserve, rationale for decisions, and by whom the decisions were made