

HYDE MEMORIAL STATE PARK

MANAGEMENT PLAN

2004-2008

June 2003

HYDE MEMORIAL STATE PARK
MANAGEMENT PLAN

Director's Approval: _____ **Date:** _____

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Cabinet Secretary's Approval: _____ **Date:** _____

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PREFACE

Each state park administered and managed by the State Parks Division of the New Mexico Energy, Minerals and Natural Resources Department is required to establish a Park Management and Development Plan. [Reference: Title 19, Chapter 5, Part 3 of the New Mexico Administrative Code (19.5.3 NMAC)] The objective of these plans is to provide direction for the management and development of the state parks in a manner that enhances recreational opportunities, protects park resources, provides for public input and protects the natural environment. In essence, each plan will identify an overall management philosophy, and then outline a specific strategy for achieving management goals at the park over a five-year period. [Reference: Section 13 of the State Parks Division's State Parks Policy and Procedures Manual]

The planning process for Park Management and Development Plans consists of: establishing a planning team for each state park; conducting an on-site inspection/assessment of the park, its resources and facilities; analyzing all information compiled on the park; proposing goals and related activities to be completed over the next five years; developing a draft Management and Development Plan for the park; soliciting public input on the draft Plan and revising it as appropriate; approval of the revised Plan by the State Parks Division Director; and implementation of the approved Plan by the Park Manager/Superintendent.

Any and all comments or recommendations concerning the Hyde Memorial State Park (HMSP) Management and Development Plan should be directed to:

Ricardo Padilla
Park Superintendent
740 Hyde Park Road
Santa Fe, NM 87504

Phone: 1-505-983-7175
Fax: 1-505-983-7175
E-mail: rgpadilla@state.nm.us

I. EXECUTIVE SUMMARY

A. INTRODUCTION.

The State Parks Division's mission is to "protect and enhance natural resources, provide recreational facilities and opportunities, and promote public safety and education to benefit and enrich the lives of the visitors." This mission is fulfilled at HMSP through the protection of its natural and cultural resources, while providing the opportunity for a quality overall outdoors experience for our visiting public. The overall goal is to continue offering high quality services in a safe and efficient manner, while making improvements to broaden the recreational and educational experiences of HMSP visitors. This plan sets forth the specific objectives, policies, improvements and changes, which are proposed for implementation through fiscal year FY08 (July 1, 2003-June 30, 2008).

B. SUMMARY of PROPOSED ACTIONS and POLICIES.

1. PROPOSED ACTIONS.

Tables 1-5 provide a detailed list of the proposed actions for the FY04 – FY08 planning period. The strategies are grouped by objective and priorities are identified for each fiscal year. An estimate of the financial resources required for each task and a time frame for implementing them are also listed. In FY04, the plan calls for an expenditure of \$99,000. The tables also identify expenditures for FY05 (\$83,500), FY06 (\$76,500), FY07 (\$90,500) and FY08 (\$54,500). These funds have not yet been appropriated by the legislature or the appropriate federal agencies. This plan will be used to advocate for the projects identified. There are several possible funding sources listed in the last column of each table that could be used to accomplish these projects. The main goals of the plan are to complete projects that enhance public safety and provide ADA compliance, enhance resource protection, develop and maintain facilities and provide education and interpretative exhibits and programs.

ACTION PLAN OVERVIEW
TABLE 1
FISCAL YEAR 2004

Goal	Priority	Task	Time frame (FY)	Estimated Costs (\$)	Funding Source*	Page #
1. Public Safety/ ADA	3	Hazard tree and snag removal	FY04	\$2,000	AOB/INM	20
	8	Build and install three foot bridges over Little Tesuque	FY04	\$3,000	AOB TRAILS	30
	1	Replace and regrade flagstone at Lodge. Add drainage	FY04	\$30,000	CIP	23
	6	Re-configuration and improvement of sled run and erosion control	FY04	\$1,000	CIP	27
	12	Bear proof trash bins	FY04	\$5,000	CIP	28
	5	Speed indicator/ sign configuration	FY04	\$5,000	AOB	29
2. Resource Protection	10	Close and reclaim existing road at Gate Way	FY04	\$3,000	INM/AOB	20
	2	Park-wide Resource Inventory/Education	FY04	\$5,000	AOB	20
3. Develop and Maintain Facilities	7	Install single Romtec toilet at Chipmunk Glen	FY04	\$12,000	CIP	26
	4	Cathodic protection to 40,000 gal. Water tank	FY04	\$18,000	CIP	30
Education/ Interpretation	9	Install interpretive signs at Girl Scout Trail and Circle Trail.	FY04	\$10,000	TRAILS	30
	11	Develop and print park trails brochure	FY04	\$5,000	TRAILS	24
Total Proposed Expenditures				\$99,000		

Funding Source: **AOB** (Annual Operating Budget-Parks Division); **BOAT** (Boating Excise Tax/Motor Boat Fuel Tax/Coast Guard Grant); **BOR** (Bureau of Reclamation funds); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Camp program); **PVT** (Private sector/Volunteers/Friends Groups); **YCC** (Youth Conservation Corps program); **RV** (RV Electric)

ACTION PLAN OVERVIEW
TABLE 2
FISCAL YEAR 2005

Goal	Priority	Task	Time frame (FY)	Estimated Costs (\$)	Funding Source*	Page #
1 Public Safety/ ADA	2	Hazard tree and snag removal	FY05	\$2,000	AOB/INM	20
	6	Reconfigure and improve sled run	FY05	\$10,000	CIP/INM	27
2. Resource Protection	3	Erosion control throughout the park	FY05	\$5,000	INM/AOB	19
	7	Stream restoration and erosion control measures along riparian areas	FY05	\$7,500	INM/AOB	21
	9	Plan and develop connecting trail system for restoration area	FY05	\$2,000	TRAIL/INM	21
3. Develop and Maintain Facilities	8	Install vehicle canopy next to office/shop	FY05	\$15,000	CIP	28
	10	Replace and repair electrical wiring at Superintendent's residence	FY05	\$5,000	RV/CIP	28
	1	Replace and repair problems at infiltration gallery	FY05	\$10,000	CIP	30
	4	Install single Romtec toilet at GateWay	FY05	\$12,000	CIP	27
4. Education/ Interpretation	5	Develop area for outdoor amphitheatre	FY05	\$15,000	CIP	25
		Total Proposed Expenditures		\$83,500		

Funding Source: **AOB** (Annual Operating Budget-Parks Division); **BOAT** (Boating Excise Tax/Motor Boat Fuel Tax/Coast Guard Grant); **BOR** (Bureau of Reclamation funds); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Camp program); **PVT** (Private sector/Volunteers/Friends Groups); **YCC** (Youth Conservation Corps program); **RV** (RV Electric)

**ACTION PLAN OVERVIEW
TABLE 3
FISCAL YEAR 2006**

Goal	Priority	Task	Time frame (FY)	Estimated Costs (\$)	Funding Source*	Page #
1 Public Safety/ADA	2	Continue hazard tree and snag removal	FY06	\$2,000	AOB/INM	20
2. Resource Protection	4	Erosion control throughout the park	FY06	\$5,000	AOB/INM	19
	7	Stream restoration and erosion control and information signing measures along riparian areas	FY06	\$7,500	AOB/INM	21
	6	Refinish floor at Lodge	FY06	\$5,000	CIP	23
3. Develop and Maintain Facilities	1	Repair and replacement of rotten vigas at shelters park wide	FY06	\$10,000	INM/AOB	28
	5	Install single Romtec toilet at Overflow/Ponderosa	FY06	\$12,000	CIP	27
4. Education/ Interpretation	3	Visitor Center permanent interpretive center for Park	FY06	\$35,000	CIP	25
		Total Proposed Expenditures		\$76,500		

Funding Source: **AOB** (Annual Operating Budget-Parks Division); **BOAT** (Boating Excise Tax/Motor Boat Fuel Tax/Coast Guard Grant); **BOR** (Bureau of Reclamation funds); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Camp program); **PVT** (Private sector/Volunteers/Friends Groups); **YCC** (Youth Conservation Corps program); **RV** (RV Electric)

ACTION PLAN OVERVIEW
TABLE 4
FISCAL YEAR 2007

Goal	Priority	Task	Time frame (FY)	Estimated Costs (\$)	Funding Source*	Page #
1 Public Safety/ADA	8	Continue hazard tree and snag removal	FY07	\$2,000	AOB/INM	20
	5	ADA Group Shelter	FY07	\$25,000	CIP	27
	6	Poured in place surfacing at playground	FY07	\$8,000	CIP	26
2. Resource Protection	2	Erosion control throughout the park	FY07	\$5,000	AOB/INM	19
	3	Stream restoration and erosion control measures along riparian areas	FY07	\$7,500	AOB/INM	21
3. Develop and Maintain Facilities	1	Replace 2 single Romtec vault toilets with a double aspen toilet at Group Shelter 2	FY07	\$25,000	CIP	26
	7	Re-work entrance and exit of dump station	FY07	\$10,000	CIP	28
4. Education/ Interpretation	4	Park wide interpretive sign and inventory/upgrade	FY07	\$5,000	TRAILS	30
	9	Park video for interpretive events	FY07	\$3,000	TRAILS/AOB	23
		Total Proposed Expenditures		\$90,500		

Funding Source: **AOB** (Annual Operating Budget-Parks Division); **BOAT** (Boating Excise Tax/Motor Boat Fuel Tax/Coast Guard Grant); **BOR** (Bureau of Reclamation funds); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Camp program); **PVT** (Private sector/Volunteers/Friends Groups); **YCC** (Youth Conservation Corps program); **RV** (RV Electric)

ACTION PLAN OVERVIEW
TABLE 5
FISCAL YEAR 2008

Goal	Priority	Task	Time frame (FY)	Estimated Costs (\$)	Funding Source*	Page #
1 Public Safety/ADA	4	Continue hazard tree and snag removal	FY08	\$2,000	AOB/Inmate	20
	2	Sled/Tube run grooming equipment	FY08	\$15,000	CIP	28
2. Resource Protection	1	Replace gabion baskets	FY08	\$10,000	CIP	19
	3	Erosion control throughout the park	FY08	\$5,000	AOB/INM	19
	5	Stream restoration and erosion control measures along riparian areas	FY08	\$7,500	AOB/INM	21
4. Education/ Interpretation	6	Develop garage as interpretive area	FY08	\$15,000	AOB/INM	23
Total Proposed Expenditures				\$54,500		

Funding Source: **AOB** (Annual Operating Budget-Parks Division); **BOAT** (Boating Excise Tax/Motor Boat Fuel Tax/Coast Guard Grant); **BOR** (Bureau of Reclamation funds); **CIP** (Capital Improvements Program-Parks Division); **DJ** (Dingell-Johnson: N.M. Dept. of Game and Fish); **TRAILS** (Federal Highway Administration funds); **INM** (Inmate Parks); **IWC** (Inmate Work Camp program); **PVT** (Private sector/Volunteers/Friends Groups); **YCC** (Youth Conservation Corps program); **RV** (RV Electric)

2. POLICY DIRECTIVES

The following management and policy directives will be followed during the planning period:

- Develop a quality and viable interpretive program to maximize interpretive opportunities at HMSP and develop an amphitheater site for educational/interpretive programs.
- Address commercial versus public use of the Hyde Park Lodge and develop it while protecting the historic value of the resource.
- Continue to maintain existing facilities and infrastructure to protect the natural and cultural resources and provide a better visitor experience.
- State Highway 475, a designated scenic byway, meanders through the center of the park. This management plan will address safety concerns arising from heavy traffic during peak times such as ski season and aspen viewing.
- The HMSP fire hazard reduction project was put in place in order to reduce the risk of catastrophic wildfires from destroying both Park and federal land.
- Commercial businesses that provide services similar to those offered by concessionaires exist within 10 miles of the park. Consequently, the park will re-visit existing concessions as they expire.
- Develop volunteer program to tap the wealth of potential volunteers in Santa Fe.
- Water conservation efforts will continue to be explored and implemented.

II. PARK DESCRIPTION

A. BACKGROUND

HMSP began as a dream of its founders, Benjamin Talbot Babbit Hyde (1872-1933) and his wife Helen. After spending six years in New York as its Scoutmaster and National Commissioner for Nature Study for the Boy Scouts of America, Hyde and his wife moved to Santa Fe in 1927. He founded the Children's Nature Foundation and became the city's Scoutmaster. He purchased 350 acres along the Little Tesuque Creek in what is now Hyde State Park. Here he brought the youth of Santa Fe and taught them about the wonders of the outdoors. He led camping and hiking trips to help children understand and learn about plants, animals and the natural world. He became known as "Uncle

Bennie” to his scouts and students for his gentle way of involving all the youth. He died in a car accident on his way up to his land along the Little Tesuque in 1933. On March 20, 1934, his wife bequeathed the land now known as HMSP to the State of New Mexico (Appendix A) with the stipulation the park would continue to be used to teach youth the wonders of the outdoors. The park was established in 1938 under Governor Clyde Tingley. Today the New Mexico State Parks Division owns and manages the 350-acre State Park.

B. KEY FEATURES

HMSP is located in North-Central New Mexico, 8 miles northeast of downtown Santa Fe (Appendix B). HMSP is among one of New Mexico’s oldest state parks and with elevations of up to 9,400 feet, it is also the highest. Nestled in the middle of the Santa Fe National Forest, HMSP’s 350 acres offer visitors the opportunity to view a vast amount of wildlife and take in stunning views of the Sangre de Cristo Mountains, the southern most part of the Rocky Mountains. The observant and cautious hiker may see mule deer, coyotes, foxes and the occasional black bear or mountain lion. Stellar jays, nuthatches, and northern flickers are just a few of the birds encountered along the 4.5 miles of hiking trails throughout the park. The Little Tesuque creek meanders through the park. Also running through the park is the Santa Fe National Forest Scenic Byway. Because of its proximity to the city of Santa Fe, the Santa Fe National Forest and the Santa Fe Ski Area, HMSP is often used as a base camp for area visitors.

HMSP offers a multitude of recreational opportunities. Camping, birding, wildlife viewing, picnicking and hiking are among the favorites throughout the year. In the winter, HMSP is a popular destination for sledding, cross-country skiing, snowshoeing and outdoor winter camping. In the fall, a drive along the scenic byway provides viewers with a beautiful array of fall colors and picturesque scenes of the Rocky Mountains. A few miles up the road, the Santa Fe National Forest offers hiking/backpacking, wilderness camping, horseback riding, fishing, hunting, mountain biking, rock climbing, Nordic and alpine skiing and summer lift rides.

III. VISITATION and REVENUE

A. VISITATION

**TABLE 6
Annual Visitation**

Fiscal Year	Visitation
98	31,195
99	23,721
*00	21,265
01	26,670
*02	30,750

* Denotes park closed during peak camping season due to fire danger.

HMSP is a major attraction to the nearby population centers of Santa Fe, Espanola, Los Alamos and Albuquerque, as well as to the many tourists who visit the Santa Fe area throughout the year. Due to its proximity to urban areas and the high use it receives, the area has been termed an “Urban Influenced Forest.” Because there is not a National Forest Ranger Station on this mountain, HMSP plays a big role in assisting Santa Fe National Forest visitors.

HMSP’s visitation is based on estimations by Park staff using revenue collections and not traffic counters. Traffic counters are not currently used due to the high volume of traffic using S.R.475 to access the National Forest and the Santa Fe Ski Basin. Sightseers and repeat visitors continually drive through the Main Camping Loop and R.V. loops on their way to different destinations. Also, in the winter, traffic counters could not be used due to the snow removal operations conducted by the Highway Department. In 2002-2003, a park customer survey will be conducted. At the conclusion of the survey, a formula number will be assigned for park staff to use when figuring visitation. This should provide more accurate visitor numbers for HMSP. Visitor fluctuation in the past five years can be attributed to forest closures, increased lodge events, and improvements to facilities. Fire dangers closed the park in May and June of 2000 and again from May through early July 2002.

It is important to note *The Final Environmental Impact Statement for the Santa Fe Ski Area Master Development Plan* recorded the following data, “Skier visits increased from 108,000 to 266,000 from 1981-82 to 1992-93 ski season, an annual average growth of 8.5 percent”. HMSP staff will continue to implement safety measures to ensure public safety despite these increases.

HMSP is a park for all four seasons and visitation is heavy year around. Visitation slows down when the ski season ends in spring and camping season begins. **Spring** brings hikers and marks the start of our camping season. **Summer** sees camping, picnicking and hiking in full swing. **Fall** colors bring aspen-viewers; picnickers and hiker’s and **winter** snows attract sledders and skiers to the park.

As mentioned earlier, HMSP is a four seasons park with visitation year round. The HMSP Lodge is booked every weekend from late April thru October. Group shelters are full through the summer months with events on Saturday and Sunday of most weekends. HMSP reaches capacity with campers and day users on holiday weekends throughout the summer and the reservation sites popularity will continue to increase from its inaugural year in 2001.

B. REVENUE

**TABLE 7
Self Generated Revenues**

Fiscal Year	Self Generated Receipts
98	\$64,617
99	\$73,937
00	\$77,131
01	\$99,873
02	\$85,109
Average	\$80,133

Revenue collected at HMSP comes from camping and day use fees as well as concession fees. The concession, Cottam's Ski Rentals, generated an average of \$12,093 for the park over the past five years. The park averages \$68,040 annually from field collections, annual pass sales and Pay Station collections. The park has six Pay Stations located throughout the park. Two are located in the Main Camping Loop, one in the R.V. loop, one at Oak Ridge, one at the lodge and one in the lower parking lot. All revenue received from fees is receipted and submitted to the Administrative Services Division in accordance with approved procedures highlighted in the State Parks Division Policy and Procedures Manual. There are several factors that account for increases and decreases over the past five years. First, the Parks Division fee increases that took place in 1998 and 1999 played a role in the increase of self-generated revenues to the park. The more substantial increase in revenues to HMSP came from the opening of the HMSP Lodge in 1998. The fire closures in 2000 and 2002 dropped park revenues for those two years as evidenced by fees collected in 2001.

From observations based on the Cash Remittance Reports, camping historically brought in well over half of the revenue within the park. Slowly over the past four years, entrance fees and camping fees have switched. Entrance fees now bring in more than half of all revenue. The opening of the lodge and the implementation of the reservation system can explain this switch.

IV. EXISTING OPERATIONS/FACILITIES and PROPOSED ACTIONS

A. OPERATIONS and MANAGEMENT

1. Lands/Realty

On March 20, 1934, Helen Chauncey Hyde sold a warranty deed consisting of 350.4 acres to the State for one dollar. HMSP was established in 1938, when Governor Clyde Tingley transmitted this deed to the Secretary of State who designated it HMSP. The land is surrounded on all sides by the Santa Fe National Forest.

2. Hours of Operation

HMSF is open for overnight camping on a 24 hour a day basis and for day use activities from 6:00 a.m. to 9:00 p.m. The HMSF office is open year round from 8:00 a.m. to 5:00 p.m. daily. Gate hours for the Main Camping Loop are 7:00 a.m. to 11:00 p.m. Late arrival sites are located outside the Main Camping Loop. The Main Camping Loop is closed for the winter from November 1 through Easter. From Memorial Day through Labor Day, a Park Ranger is on duty until 12 a.m., Thursday through Sunday, to assist visitors, oversee lodge functions and lock the Main Camping Loop. The HMSF Visitor Center is open daily from mid-May through October.

3. Maintenance

HMSF staff uses the Division's Standard of Care Manual and the Park Operations and Maintenance Manual as the guideline for proper maintenance of park facilities. The facilities are maintained in a safe and attractive condition for visitor and staff use. Additional maintenance guidance is provided in the Division's Policy and Procedures Manual, Section 11.

4. Emergencies

Park staff responds to park emergencies as provided in Section 5, Parks Policy and Procedures Manual. In the summer months, Memorial Day through Labor Day, a HMSF law enforcement officer is on duty in the park Thursday through Sunday until 12 a.m. The Park Superintendent and the Park Manager live in the park and respond to emergencies when staff is not on duty.

Many types of emergencies arise at the park, or nearby, where park staff needs to assist. In emergencies, park personnel are expected and trained to conduct themselves in exemplary fashion. This is in accordance with procedures set forth in Section 5 of the Division's Policy and Procedures Manual. The emergency telephone numbers for HMSF are posted on all park bulletin boards and the pay phone outside the park Visitor Center.

Park Office	983-7175
Park Emergency	827-8080
New Mexico State Police - Santa Fe	911
Santa Fe County Sheriff's Office	911
U.S. Forest Service	438-7840
Tesuque Tribal Police	988-9119

All permanent employees are trained to administer CPR and first aide. Employees are additionally trained in defensive driving and Blood-Borne pathogens. Park staff makes every effort to establish cooperative relations with local agencies and organizations charged with handling specific emergencies. In the event of a fire, Emergency Evacuation Procedures are posted throughout the park and are also available at the Park office.

5. Regional Support Resources

HMSP receives support services from the State Park Division's Region I Office located at Navajo Dam, New Mexico. The Regional Manager provides guidance for proper management of the park. The Regional Administrator supports the park with administrative services including the ordering of supplies. A Region Mechanic and a Plant Operation Specialist are also located at the Navajo Dam site and assist the park with major repairs of park vehicles and equipment and water problems. The Region 1 office address is P.O. Box 6458, Navajo Dam, New Mexico 87419. A Regional Interpretive Ranger is based at the Rio Grande Nature Center State Park in Albuquerque. This position provides interpretive support services to all state parks in Region I, including HMSP. Rio Grande Nature Center's address is 2901 Candelaria Rd. NW, Albuquerque, New Mexico 87107.

6. Rules and Policies

HMSP uses the standard Division and Department policies for operational guidance. These include the Department's policy manual, the Division's Standards of Care Manual, the Division's Policies and Procedures Manual and the Administrative Services Division's Handbook. State Personnel policies govern the park's personnel procedures. These policy manuals are updated regularly and all employees have access to these manuals. New employees are required to read and sign all policy manuals.

B. NATURAL RESOURCES

1. Geology

HMSP lies within the southern Sangre de Cristo Mountains, which in turn are the southern-most range of the Rocky Mountains. Rocks within the park are entirely Precambrian granites and gneisses of great age, generally about 1.5 billion years old. Prior to eruption of the Rockies, Paleozoic sediments covered these "basement" rocks. When the last Laramide mountain-building event occurred ca. 70 million years ago, the granites were thrust upward. Thus exposed to the elements, the sedimentary rocks were quickly eroded away. Remnants of those strata can still be seen around the perimeter of the Sangre de Cristos, but not within the park.

The three major soil types found in HMSP are Alluvial Land, Mirabal Stony Loam and Supervisor Gravelly Sandy Loam. Alluvial Land is found along the Little Tesuque Creek on 0 to 10 percent slopes. This area is prone to flooding in places due to intense summer storms and snowmelt. Permeability is moderately rapid, runoff is moderate and susceptibility to erosion is moderate. Mirabal Stony Loam is the most prevalent soil type, making up the major portion of the southern half and the northwest quarter of the park. These areas are classified as steep and very steep, with 30 to 70 percent slopes. Permeability is moderately rapid, runoff is rapid and susceptibility to erosion is severe. These characteristics are evident in

the many rill erosion sites caused by cross-country hiking. These rills contribute a major portion of the sediment that flows into the creek. Supervisor Gravelly Sandy Loam is found in the east-central and southwest portions of the park. This soil is found in the east-central and southwest portions of the park. This soil type is found on moderately steep to very steep slopes of 15 to 60 percent. Permeability is moderately rapid, runoff is rapid and susceptibility to erosion is severe. Like Mirabal soil, there is a high degree of rill erosion due to cross-country hiking, which contributes much of the sediment found in the creek.

Erosion is a major factor throughout the park due to the characteristics of the soil series and compaction from visitors' over use. Erosion control is an on-going problem and projects are scheduled for FY05 through FY08 at a cost of \$5,000 annually out of the **AOB/INM** budget. Projects will focus on areas that continue to show effects of erosion such as the Lodge and tube run as well as along the Main Camping Loop Rd. and its subsidiaries. Gabion baskets currently used in overflow and the old dump road for erosion control will be replaced in FY08 at a cost of \$10,000 using **CIP** funding. These gabion baskets are starting to deteriorate and do not fit into the natural surroundings. Natural-material erosion control structures will be used to replace them.

2. Vegetation

Several habitat types are found in the HMSP area. The first is *Abies concolor/Artostaphlos uva-ursi*. This habitat type is characterized by the following tree species: white fir, Douglas fir, ponderosa pine, aspen and limber pine. Shrubs found in the area include kinnickinick, common juniper, wild rose, Gamble oak and Oregon grape. Herbaceous cover is scarce, but includes Arizona fescue, mountain muhly, Muttongrass and bottlebrush squirrel tail. Natural revegetation is usually good following a disturbance in this habitat type. This is due to the rapid suckering and spread of kinnickinick and reintroduction of graminoids. However, due to the soil compaction and repeated trampling, revegetation is slow to nonexistent. This situation requires some site preparation and planting or seeding. This area also has a moderate to high susceptibility to Western spruce budworm. This is evidenced by branch and tip mortality in the white fir and Douglas fir throughout the park.

The second type is a riparian habitat *Alnus tenuifolia*. This area is characterized with thickets of Thinleaf alder along the Little Tesuque with occasional Rocky Mountain maple, red osier dogwood, cliff Jamesia, elderberry, aspen and Bebb's willow. Herbaceous cover is sparse but includes brome species, Kentucky bluegrass and thimbleberry.

All areas in the lower third of the slopes in the park are characterized by over story trees of ponderosa pine, white fir and Douglas fir. There are some areas that include limber pine in the over story. The under story is largely characterized by "dog hair" thickets of white fir and Douglas fir saplings. Moderately open areas may have pine reproduction or aspen saplings.

Forest health in HMSP is generally poor. Many years of fire exclusion, overuse by visitors and lack of resource management activity have contributed to this condition. Virtually all forested areas are greatly overstocked. Overstocking results in reduced individual tree vigor, increased susceptibility to insect and disease infestations, eventual tree mortality, increased risk of catastrophic fire, decreased shrub and herbaceous plant cover and increased erosion rates on all types of soils. The EMNRD Forestry Division designed fire suppression/hazard reduction projects in New Mexico under the Twenty Communities Initiative (2001 Western Wildland Urban Interface Grant Program). HMSP was funded under this initiative. The scope of the project was to construct a fuel break along the perimeter of the park to reduce the probability of a wildfire escaping from the park onto adjacent Santa Fe National Forest lands and into the Santa Fe Municipal watershed. This will also reduce the probability of a wildfire escaping from Santa Fe National Forest lands into the park. Santa Fe office planners will continue to evaluate the need for tree thinning in HMSP. HMSP staff will continue to identify and remove hazard trees from FY04-FY08 at a cost of \$2,000 annually from **AOB/INM** budget.

HMSP also plans to close and reclaim an existing road at Gateway in FY04 at a cost of \$3,000 from **INM/AOB** budget. Currently, the road is not heavily used due to severe erosion, which is a constant problem. Closure will allow revegetation and help stabilize this section of the park.

3. Wildlife

HMSP provides park visitors with an excellent opportunity for viewing a varied and abundant wildlife population. Surrounded by thousands of acres of Santa Fe National Forest, visitors have seen deer, coyotes, gray fox, raccoons, porcupine and Abert's squirrel on a regular basis. Black bears, mountain lions and wild turkey are seen on occasion in different areas of the park. Mountain birds such as Stellar's jay, mountain chickadee, and Williamson's sapsucker enliven the forest. A bird list is currently available at the Visitor Center and additions are continually made (Appendix C).

4. Biological Resources

A biological inventory is needed at HMSP to help park staff understand what plants and animals make the park their home. This will be initiated in FY04 at a cost of \$5,000 from **AOB** funding and will be done on an ongoing basis with combinations of park staff and volunteers. Currently, a volunteer project is underway to illustrate park flowers for visitors.

5. Surface Water

The Little Tesuque Creek runs through the center of HMSP. The stream is a vital resource and provides the park with its water. In years past, there has been sufficient winter snow pack to keep water flowing in the stream year around. Many years ago, the stream provided fishing opportunities to park visitors. The

summer of 2002 was a very dry year and the Little Tesuque Creek dried up for approximately two months. This has been witnessed by park staff in several drought years. During times of drought, it will be essential for the park staff to store water to service the park and its visitors.

Another area of concern, which requires mitigation, is pollution caused by humans along the Little Tesuque Creek. Heavy traffic along State Road 475 contributes to pollutants entering the stream at the park and below it. Traffic accidents, which occur on 475 frequently, may cause oil-based fluids to flow into the creek. In the winter, Escoria, the material used to thaw icy roads, finds its way into the stream. The effects on water quality, flora and fauna are unknown.

Presently, there are three areas along the Little Tesuque Creek that have been fenced to exclude visitor use. These areas have been restored with revegetation and erosion control methodologies. The fences prevent foot traffic and allow recovery of vegetation, which helps prevent erosion and provides food for wildlife. The fences are destined for eventual removal, but only after each area achieves the desired restoration goal. A process will be established to evaluate each site and adjust the restoration treatment (e.g., by removing trees to allow entry of the sunlight to forest floor), which will eventually lead to the removal of each fence. Educational signs, to help visitors understand what has been accomplished within the areas, will coincide with fence removal. The forester under contract in the restoration effort has started work on a foot trail, which follows the Little Tesuque Creek. Eventually, this trail will run the length of the creek to help prevent further degradation within the restored areas and provide controlled access to the creek's riparian zone. The expected cost is \$2,000 from the **TRAILS/INM** budget in FY05. Additionally, steps will need to be taken to maintain restored areas (e.g., by volunteer river keepers). Other areas that require restoration will be identified and prioritized. Areas that have been identified as high priority include the creek above the HMSP water treatment area and the Chipmunk Glen camping area. These areas require bank stabilization and erosion control measures to improve water quality and aesthetics of the park and creek. Stream restoration and erosion control measures and informational signing along the stream will be implemented from FY05-FY08 at a cost of \$7,500 per year using the **AOB/INM** budget.

C. CULTURAL RESOURCES

1. Cultural Resource Management

Cultural resources within the park boundaries are subject to state cultural resource protection laws (Appendix D). Development within the park will be coordinated with the State Parks Archaeologist to avoid impact to significant cultural resources. State Parks personnel will work to preserve and to protect cultural resources from negative impacts from the public or environmental factors.

2. Cultural Resource Inventory

Previous research at HMSP has been conducted by State Parks in several survey projects. Campgrounds have been surveyed for improvements and a large cultural resource survey was conducted in the summer of 2002 for a tree-thinning project. There are still large areas that remain unsurveyed. Surveys have located several historic buildings and structures as well as archaeological sites within the park and there is potential for more findings.

3. Archaeological Sites

Early settlement in this region could potentially date from the Paleoindian period (10,000 B.C.-5500 B.C.). Studies in the Sangre de Cristo Mountains have revealed some Paleoindian sites in the foothills. Paleoindian people were big-game hunters and archaeological sites of that period were characterized by Folsom and Clovis projectile points. Archaic period sites (B.C. 5500-A.D. 200) have also been found in this region. Archaic people were hunters and gatherers as well.

Formative period sites (A.D. 500-1600) in this area are linked to the Ancestral Pueblo/Anasazi cultures and are also tied to agriculture. Some sites, even at higher elevations, are characterized by roomblocks, ceramics and terraced fields.

Although few prehistoric sites have been found within HMSP, there are historic features that are significant within the park. The park was officially established in 1938 and is named for former owner, Benjamin Talbott Babbit Hyde. Hyde was well known as he was a sponsor for the Wetherill excavation of Chaco Canyon from 1893-1903 (McNitt 1966). He established the first Boy Scout Camp in the southwest--the Children's Nature Foundation located at the site of the current HMSP. When Hyde died in a car accident, his wife Helen, deeded 350 acres of the Children's Nature Foundation property to the State of New Mexico in 1934. HMSP was established four years later.

The Civilian Conservation Corps (CCC) had a camp 0.7 miles from HMSP, on what is now U.S. Forest Service land. The camp is credited with construction of several buildings at the park including the lodge, a caretaker's quarters and garage and the tow cable building for skiing. They also created camping and picnic facilities, playgrounds, shelters, bridges, roads and trails. The park was completed in 1938 and opened to the public, with 20,000 visitors the first year.

The first ski basin in Santa Fe was behind the Hyde Park Lodge. In the 1940s and 1950s, many visitors came to the park to use the tow cable ski lift, warming up in the lodge. With the construction of the Santa Fe Ski Basin, the Hyde Park basin was no longer used extensively for skiing, but was still used for other winter sports. Remnants of the historic ski basin still exist, including the tow cable anchors and historic ski run.

Today, the park is used for camping, hiking, limited skiing and winter sports and interpretive activities.

4. Historical Sites/Buildings

In 1938, the Civilian Conservation Corps (CCC) constructed the Hyde Park Lodge (Lodge). The CCC potentially used it as a cooking school. Throughout the next 65 years, the Lodge was used for various activities. It was the original Ski Basin Lodge in the 1940s and 1950s. The Sangre de Cristo Girl Scouts used the Lodge from the early 1950s to 1960. Throughout the 1960s and 70s, the park used it until it became the Evergreen Restaurant, a fine dining establishment. Finally in 1998, after extensive remodeling and restoration, the Lodge was made available for use by the visitors to HMSP. It is scheduled to have the back patio regraded and replaced and new drainage installed in FY04 at a cost of \$30,000 from the **CIP** budget. In FY06, the floors will be refinished at a cost of \$5,000 using **CIP** funding.

The tow cable building was constructed at the top of the ski run and was utilized in the 1940s to house the Cadillac engine that ran the tow cable for skiers. This log building retains its historic integrity and much of its original fabric. Currently, the tow cable building has been stabilized and mothballed, but a portion of the ski run behind the lodge is still used for winter sports. This building and the ski basin complex are eligible for the National Register of Historic Places.

The park Visitor Center was constructed in the late 1940s and early 1950s. The Visitor Center was once a general store and has provided visitor services since this time. This building mirrors its original appearance and is utilized in much the same way as it was originally. It is recommended eligible for the National Register of Historic Places.

The house structure located below the water storage tank, which was used as the garage/shop for a past HMSP Manager, was also remodeled. This structure is slated to be developed into an interpretive area in FY08 at a cost of \$15,000 from the **AOB/INM** budget.

The Girl Scout Nature trail constructed in 1959 may also have historical significance in that it was one of the first interpretive trails in the state. The only history available for this trail is the large boulder with a plaque dedicated to past NM Park Director Joe Clark.

Also of historical significance is the huge boulder with a plaque dedicated to “Bennie Hyde,” located at the entrance of the HMSP Main Camping Loop. Historical photos donated to the park show history in the making as the boulder makes it way to HMSP. The boulder was once considered the entrance to HMSP. These photos, along with other pictures and information, will be made into a park video for interpretive events at a cost of \$3,000 from **TRAILS/AOB** in FY07.

D. INTERPRETATION and EDUCATION

HMSP has an abundance of natural and historical resources to be interpreted. Since this park was originally dedicated to honor Uncle Bennie Hyde's legacy of outdoor education for kids, both interpretation and education will receive more emphasis. With HMSP's Rocky Mountain forest setting, rich park history (including a renovated Lodge), seasonal Visitor Center with exhibits and many hiking trails, it is well suited to serve a ready clientele from nearby Santa Fe.

In 2001, the HMSP Visitor Center housed its first interpretive exhibits featuring the park's history and local wildlife. These exhibits are mobile and can be removed when Cottam's Ski Shop occupies the building during winter months. Park brochures and other informational handouts about New Mexico State Parks and the Santa Fe area are available at the Visitor Center as well. New trail brochures with flora, fauna, geology and other natural information found along HMSP trails are scheduled to be completed in FY04 at a cost of \$5,000 funded by **TRAILS**. Currently, the Visitor Center is under contract for winter occupancy until 2006.

Future interpretative and educational opportunities at HMSP will benefit from some of the following improvements:

1. Santa Fe Office interpreters/planners will develop, in collaboration with park staff and the Regional Interpretive Ranger, an Interpretive Master Plan for HMSP.
2. Presently, the staff at HMSP provides interpretive and educational programs without the benefit of an outdoor amphitheater. Appropriately located sites within the park should be identified, developed and consistently used for interpretive programs. The following areas are being studied as possible sites.
 - a. Lodge: ideal site, but unavailable during most summer weekends. Best for use during the off-season or weekday nights during the summer.
 - b. Group shelters: good sites, but usually unavailable during summer weekends.
 - c. Possible sites for outdoor amphitheater:
 - Base of sled runs: high potential due to proximity to Visitor Center, office, lodge (ready power supply); seating areas need to be developed on existing embankment. There are possible conflicts with lodge events.
 - Skating pond.
 - Abandoned road above restoration area # 2, near sites 22 and 23.
 - Site # 46, has electrical hook-up but may be occupied by camp host.
 - Hyde Park Circle Trail connection above skating pond area.

- Amphitheater development is scheduled for construction in FY05 at a cost of \$15,000 utilizing **CIP** budget.

3. Visitor Center

Current concession contract with Cottam's expires in 2006. Several options are available. One is to convert the building to a permanent visitor contact and interpretive center. This would occur in FY06 at a cost of \$35,000 using funds from **CIP**.

4. Staffing

As new staff and new volunteers are obtained, they should be selected at least in part for their interpretation/education credentials. The volunteer program will be expanded to tap into the Santa Fe community.

The staff takes advantage of every opportunity to educate the public on the history and natural environment of HMSP. Programs such as Bennie Hyde Day, Career Day, and Cub Scout Day Camp are events that have served to educate our youth in future career possibilities, local ecology and natural history and outdoor lore. Every year, tree-planting workshops are taught to area students. Camp Longhorn, a youth camp from Texas, stops at least three times throughout the summer at Hyde Park and enjoys campfire talks with park staff. In May, near the end of the school year, several public and parochial schools call to reserve interpretive hikes and talks with Rangers. Hyde Park hosts college students, children's clubs, foreign exchange students and many more, each offering unique opportunities for staff to interpret and educate.

The staff of HMSP is committed to fulfilling Uncle Bennie Hyde's dream "to forever serve the youth of America."

E. FACILITIES and STRUCTURES

Concessions

Currently, a ski rental concession permit exists under a settlement agreement between EMNRD/NMSP and Z-Bucks, Ltd. The parties agree that this settlement agreement supersedes the provisions for a concession at HMSP. EMNRD and Z-Bucks, Ltd. agree to the following: Z-Bucks/ Cottam's Ski-Shop will occupy the Ranger Station at HMSP to operate a winter sports equipment rental shop during each ski season, from approximately November 15th until April 15th of each year. Z-Bucks may use the shed located behind the lower lodge to store equipment during the ski season. At the end of ski season, HMSP will occupy the Ranger Station and shed area for the remaining part of the year. Z-Bucks right to operate the concession will expire on October 26, 2006 at 11:59 P.M.

The park will have several options available when the concession expires. The first option is not to renew the contract and turn it into a year round Visitor

Center. The second is to renew the contract when it expires and the last is to move the concession to another part of the park and construct a new building. Cottam's averaged \$12,093 in revenue for HMSF in the last five years. Options to offset revenue losses will be identified and explored over the next couple of years. Commercial businesses that provide services similar to those offered by the concessionaires exist within 10 miles of the park.

Recreation

HMSF consists of fifty sites, three group shelters (reservation only) and a lodge (reservation only) (see appendix E for Park Map). The Main Camping Loop (MCL) is our most popular area throughout spring, summer and fall for both picnicking and camping. Beginning November 1 through Easter, the MCL is closed due to snow. The MCL consists of 29 sites; 19 have a three-sided Adirondack shelter, a group shelter and a playground. The MCL is a dirt road approximately 1 mile in length, paralleling State Highway 475, and containing three sub-loops. The first sub-loop is the Antler Ridge area with four sheltered sites. Due to the erosion susceptibility in this area, the park staff locks Antler Ridge until the MCL is full or a large group needs an area. Antler Ridge has one Romtec toilet and a small trash receptacle. Chipmunk Glen is the second sub-loop and has two sheltered sites along the Little Tesuque Creek. A Romtec toilet is badly needed in this area and is scheduled to be installed in FY04 at a cost of \$12,000 from the **CIP** budget. The third sub-loop is Spruce Loop, which consists of seven sites of which six have shelters. There is one Romtec toilet and a small trash receptacle in this loop. The remaining 16 sites are along the MCL. Of these 16, seven have a shelter. Group Shelter 2 is located at the beginning of the MCL and can accommodate large groups of up to 150 people and 35 cars. The group shelter has two single Romtec toilets that are sinking and will be replaced with a double vault toilet in FY07 at a cost of \$25,000 utilizing the **CIP** budget. This site has a volleyball area, two smaller shelters, a water spigot, a large dumpster, and two large pedestal grills. It also is the trailhead for the waterfall trail. Halfway through the Main Camping Loop is a playground installed in FY98. There is a double aspen toilet, a small trash receptacle, a picnic table and a pedestal grill. Park staff will investigate poured in place surfacing for FY07 at a cost of \$8,000 from the **CIP** budget. Beyond the playground area is the Park's Ice Skating Pond. Because of warm winters during the past four years, the Skating Pond has not been open. If the area is turned into an amphitheater site it may be reconfigured to accommodate ADA. There are six water spigots strategically placed through the MCL and a large dumpster at the end of the MCL. Another two Romtec toilets are located at the far end of the loop giving the MCL a total of eight toilets. Presently there are no plans to section out or make any of the sites in the MCL day use only.

As you exit the MCL, the RV campground is directly across the road. It consists of seven RV hookups, three sheltered sites, a large dumpster, one Romtec toilet and a water spigot. During the summer months, this area is used for overnight

camping only. Three RV sites and two shelter sites are on the reservation system. The other four RV sites are on a first come first serve basis and site 46 in the RV campground is scheduled to be used for a camp host site. Plans for another spigot below site 46 will be considered after the new water filtration system is installed. The reservation system is in place from May 15th through Labor Day.

Oak Ridge and Ponderosa are areas located just above the RV area. Oak Ridge has three sites, which are all on the reservation system during the summer. The area has a water spigot, a small trash receptacle and a Romtec toilet. Ponderosa is currently under construction. When completed, it will have four sites that will be used for group camping as well as for overflow camping. A Romtec toilet will be installed in FY06 at a cost of \$12,000 from the **CIP** budget.

Gateway and three areas across from the shop are the last sites in the park. Gateway is a single site located across from Group Shelter 3. It has a shelter and a small trash receptacle. Due to its location along SR 475, a Romtec toilet is slated to be installed in FY05 at a cost of \$12,000 funded by the **CIP**. It has been added to the list of reservation sites as well. The three sites across from the shop are reservation sites and only one has a shelter. They share a Romtec toilet and a small trash receptacle. They are located along side the Little Tesuque Creek.

The remaining two group shelters are located along SR 475. Group Shelter 1 is located on the south side of the road as you enter the park. It has two Romtec toilets, a water spigot, a large dumpster, volleyball court, 15 tables under the shelter and a large pedestal grill. It can hold up to 150 people and 25 cars. Additional parking is located at Pay Station 1 where a newly constructed bridge will give access to the shelter. Group Shelter 3 is located about 0.5 miles up the road on the right side of the road. It has one Romtec toilet, a large pedestal grill, volleyball court, a large dumpster and 8 tables. It can accommodate up to 70 people and 12 cars with additional parking across the road. A new bridge will also give access to the playground. Another ADA group shelter is being planned for the Park. Sites 48, 49 and 50 are being explored as the possible site for this shelter. Implementation of this plan is scheduled for FY07 at a cost of \$25,000 from **CIP** budget.

The Hyde Park Lodge and the Hyde Park Visitor Center are located about a quarter mile inside the park. The Lodge is a day use facility that can be reserved by contacting a HMSP Ranger. The Lodge can accommodate up to 185 people and 70-80 cars. It has three indoor fireplaces, one outdoor fireplace, a spacious patio and portal, 24 tables, 120 chairs and 5 trashcans. The BMS bathroom is located right next door and consists of two bathrooms. Each has a sink with running water. There is a changing room and 2 storage areas in the basement. The tubing/sledding run is located behind the lodge. The sled run is very popular during the winter months and is in need of re-configuration and erosion control improvements. This is scheduled to begin in FY04 at a cost of \$1,000 from **CIP** and completed in FY05 at an additional cost of \$10,000 from **CIP/INM**. The

runs are also in need of some type of grooming device to ensure the runs are maintained and kept safe. The equipment will be researched and purchased at a cost of \$15,000 from **CIP** in FY08. The Visitor Center is open seasonally and has interpretive displays and park brochures. It has one modern bathroom and shares one large dumpster with the lodge.

The dump station is located at the entrance into the park. It has two water spigots and a small trash receptacle. The dump station is also in need of reconstruction. The entrance and exit need to be improved and paved and revegetation is required. This is scheduled for FY07 at a cost of \$10,000 funded by **CIP**.

All sites within HMSP are considered developed sites. Each site has a table, fire ring and a standing pedestal grill. The sites with shelters see a lot of wear and tear due to weather and visitors. Repair to rotting vigas at the existing shelters is scheduled for FY06 at a cost of \$10,000 using the **INM/AOB** budgets. Due to the increase of bear activity in the HMSP area, all small trash receptacles will be replaced with six bear proof trash bins. These bins are scheduled to be installed in FY04 at a cost of \$5,000 from the **CIP** budget.

Administration/Staff

HMSP runs its everyday operations from the office/shop located north of the Lodge and Visitor Center. All staff works out of this office. Vehicles, heavy equipment and tools are located and maintained in the shop area. Currently, there is no protection for vehicles and heavy equipment from the elements. A vehicle canopy is scheduled to be installed in FY05 at a cost of \$15,000 from the **CIP** budget. This will increase response time to emergencies on early morning snow days as well as extend the life of park equipment.

There is a storage shed located next to the Visitor Center that is used by the park to store snow fencing and other winter equipment during summer months. During the winter months, Cottam's Ski Rental uses this for ski storage.

HMSP has two employee houses. The Manager's house is located at the north end of the park. It is a doublewide trailer that is five years old. The Superintendent's house is 50 years old. The electrical wiring at this house is outdated and in need of replacement. This repair is scheduled for FY05 at a cost of \$5,000 utilizing the **RV/CIP** budget.

F. EQUIPMENT

Communications

The park's communications system is comprised of public and state telephones, radios and a computer. One line cannot receive incoming voice calls as it is dedicated to the fax and computer modem. Park personnel are equipped with standard radio communication equipment. The park is located in a deep canyon and radio communications are not always clearly received. Five vehicles are

equipped with land mobile radios that receive, in addition to the Division frequencies, the Santa Fe County Sheriff's Office, State Police, the Marine Emergency, Search and Rescue and the U.S. Forest Service frequency. There are five hand-held radios available for staff and volunteers. A base station radio is located at the park's office. The office has newly installed phone and fax lines from the main telephone junction box, behind the ranger station, to the shop building. The Manager's residence had approximately one mile of new phone line installed. The phone company replaced the main telephone junction box in 1997.

Field

HMSP is in need of a snowplow for the dump truck due to the enormous amount of snow the Park receives every year. This would enable HMSP to do snow removal faster and more efficiently as well as reduce wear and tear on park vehicles.

Office

A new copier from Region 1 will be provided to the park in FY03. A new computer and color printer is also needed to replace outdated equipment. A T-1 line is also needed, as the current 56K modem is extremely slow and sporadic.

Vehicles

Replacement of four vehicles will probably occur during this plan due to age and miles. The inmate suburban will need to be replaced within the next two years due to safety concerns and mileage.

G. TRANSPORTATION and ACCESS

Roads

The main road through HMSP is State Road 475. This is a two-lane paved highway running through the middle of the park for approximately 1.25 miles. Snow removal and maintenance is performed by the New Mexico Highway and Transportation Department (Highway Department). The road is busy with traffic year round, especially during ski and aspen viewing seasons. Vehicles speeding and driving carelessly through the park have been a major concern as more and more vehicles continue to use the road. Cooperation with the Highway Department and other agencies to ensure safety will continue. The park has researched the use of a speed indicator and one is scheduled for purchase in FY04 at a cost of \$5,000 from the **AOB**. The MCL road is approximately one mile long. This road and its subsidiaries require periodic maintenance and the park is fortunate to have a small grader and dump truck on site to perform this maintenance. Base course material is ordered every year to replace lost materials. The road at the RV Area was repaved in FY01.

Parking

Parking areas include the dump station, Pay Station 1, the Lodge, across from the shop, the playground and all three-group areas. Base course is added regularly and maintenance is ongoing.

Trails

HMSF has approximately 4.5 miles of hiking trails. These include the Hyde Circle Trail, the Girl Scout Interpretive Trail and the Waterfall Trail. The trails are used for hiking, birding, snowshoeing and interpretive events. During the past five years, New Mexico Volunteers for the Outdoors (NMVFO) have had trail projects stabilizing and re-routing sections of the Circle Trail and the Waterfall Trail. NMVFO, staff and park volunteers will assist in trail maintenance. Three new bridges across the Little Tesuque at the Skating Pond, Group Shelter 3 and Pay Station 1 will be installed for safety reasons at a cost of \$3,000 using **TRAILS/AOB** in FY04. Interpretive signage is scheduled to be installed throughout the trail system in FY04 at a cost of \$10,000 from the **TRAILS** budget. In FY07, a park wide inventory and upgrade of all interpretive signs will be done at a total cost of \$5,000 from **TRAILS**.

H. UTILITIES

Water

The water supply used at HMSF comes entirely from the Little Tesuque Creek that flows through the park. A new system is currently under construction. A new sand filter and chlorinating system, as well as pumps, valves and turbidity meters are being installed and should be completed by the spring of 2003. A new building will also be constructed to house the new system. This will greatly increase the purity of the park's water. The existing building will continue to house the pump and the UV lamps and the new chlorinator will be placed in this building. Two new tanks, a 300 and a 500-gallon tank, will be placed in this building as well. There are currently two large holding tanks located in the park. A 12,000-gallon underground tank is located above the treatment buildings at the infiltration gallery and a 40,000-gallon tank is located in the middle of the park along the Main Camping Loop Road. The 40,000-gallon tank is scheduled to be cleaned and Cathodic protection re-applied during FY04 at a cost of \$18,000 funded by **CIP**. All water below the pump house is gravity fed through a four-inch line. A water pressure boosting system is used to deliver water to the R.V. area and Manager's residence above the pump house.

HMSF has experienced drought conditions the last couple of years, which have completely dried up the Little Tesuque Creek. Alternative water sources will have to be explored if a continued drought occurs. Water conservation measures are being studied and implemented. Repairs to rehabilitate and deepen the infiltration gallery to increase water collection potential are scheduled for FY05 at a cost of \$10,000 using **CIP** funds.

Electricity

A private contractor installed the electrical and telephone service lines in 1977 at a cost of \$160,000. NMSP's owns the 7.2 KV power cable of 1/0 size and 5 miles of electric line. The line was installed beginning at Hyde Park Estates along State Road 475 until it reaches the park's transformer box located behind the Visitor Center. At this same location are three electric meters, which are read by park staff and billed according to meter readings for each unit. Park staff is responsible for taking meter readings and providing the cost breakdown for each unit. PNM of New Mexico provides the power and the electricity currently provided is adequate for the park. Future repairs and replacements will be needed.

Gas

Gas in the park is provided under contract with Amerigas. HMSP owns two propane tanks, a 1,000-gallon unit located at the Lodge and a 500-gallon unit at the Park Superintendent's residence. The contracted vendor owns the Visitor Center, Office/Shop and Park Manager's residence tanks. Two park vehicles run on propane gas.

Sewage

The sewage system consists of three septic tanks of 1,000-gallon capacity each, a 1,000-gallon Multi-Flo treatment plant, two Zabel filters and a leach field and connecting piping. This system serves the Ranger Station/Concessionaire, the Lodge, the Superintendent's residence and the Park Office/Shop building. The R.V. dump station is served by a 1,000-gallon septic tank and drain field, as is the Park Manager's residence. Twelve (12) Romtec vault toilets of 750-gallon capacity each and one (1) vault at the playground of 1,200-gallon capacity serves the remainder of the park. The newly installed BMS toilet serves the lodge. The systems are adequate at this time except for the requests made for Romtec toilet replacements and additions discussed earlier in the Plan.

Phone

The park's telephone cable provides for only eight telephone lines. Currently no more lines are available for any further connections. Additional lines will be looked at in the future. Qwest is the provider. There is one phone at Black Canyon National Forest Campground, a pay phone at the Visitor Center, a phone inside the Visitor Center, one at the Superintendent's house, two at the park's office and one at the Manager's residence. The park is responsible for the inside phone at the Visitor Center (except when occupied by the concessionaire) and the two lines at the park office. HMSP receives a commission from Qwest for the pay phone outside the Visitor Center.

V. BUDGET and STAFFING

A. BUDGET

The approved annual operating budgets for HMSP for the previous five years are listed in Table 8 below. The budgets are allocated by SPD to cover annual operating costs.

**Table 8
Hyde Memorial State Park**

Fiscal Year	Budget	Actual Expenditures
1998	\$258,473	\$258,241
1999	\$274,343	\$270,114
2000	\$281,162	\$280,102
2001	\$321,623	\$299,734
2002	\$283,278	\$271,698

The above table identifies the total park budget and expenditures generated at HMSP during the past five fiscal years (FY98 – FY02).

B. STAFFING

HMSP has five permanent employees including a Park Superintendent, a Park Manager, a Park Ranger and two Park Technicians. Presently, HMSP hours of operation are as follows: Winter hours 7:30 a.m. to 6:00 p.m.; summer weekdays 7:00 a.m. to 9:00 p.m.; summer weekends 7:00 a.m. to 12:00 a.m. The Park Superintendent and Park Manager, living on site, will respond to emergencies after working hours. From June through August, four seasonal laborers assist in maintenance and park operations tasks. Volunteers are constantly being recruited and will be placed according to their strengths. The park has worked with the Department of Corrections for the past nine years and employs from four to seven inmates to perform park projects for approximately seven months per year. (See Appendix I for job descriptions and Appendix J for Organizational Chart).

**Hyde Memorial State Park
Appendix A:**

Legal Description

The complete legal description for HMSP is as follows:

Tract # 37 in Sec.1.T.17 N.R. 10 E. N.M.P.M. as designated on the plat of the re-survey of said Township approved by the asst. commissioner of the General Land office Apr. 5, 1929 and filed in the U.S. land office at Santa Fe, N.M. Nov 27, 1929 and being and intended to be the same land granted by the U.S. of America to George Holmes by patent dated Jan. 27, 1900 and being homestead Entry #5199, Final Certificate #2595, and described in said patent as the NW1/4 of Sec 1. in Township 17N. 10 E. N.M.P.M. containing 159.4/100ths acres according to the official plat of the survey of said land, returned to the General Land office by the Surveyor General; and NE1/4 of NW1/4 of SW1/4 of SE1/4, N1/2 W1/2 SE1/4 of SW1/4 and E1/2 of E1/2 of SW1/4 of SW1/4 of Sec. 36 Township 18 N.10 E. of N.M.P.M. containing 22.5 acres being the same land described in patent #804571 issued by the U.S. of America to Walter J, Pinson on April 27, 1921.

Lots 3 and 4 and the N1/2 of the SW1/4 of Sec. 36, in Township 18 N.R. 10 E. N.M.M. containing 168.52 acres. Being and intended to be the same property conveyed by U.S. patent dated April 18,1905 to Cosme D.Carillo.

Being the same property conveyed to B.T.B. Hyde by Jennie M. Avery, as Administrator of the Estate of Cora A, Kellam, deceased.

Township 17 North
Range 10 East

Section 1 - NW1/4 159.40 acres

Township 18 North
Range 10 East

Section 36 - NE1/4, NW1/4, SW1/4, W1/2
SE1/4, SW1/4, SW1/4 22.50 acres

Township 18 North
Range 10 East
Section 36 - Lots 3 and 4
NE1/2 of SW1/4 168.52 acres

TOTAL 350.42 acres

**Hyde Memorial State Park
Appendix B – Parks Map**

Hyde Memorial State Park
Appendix C

HYDE MEMORIAL STATE PARK
BIRD LIST

Broad tailed Hummingbird	<i>Selasphorus Platycercus</i>
Northern Flicker	<i>Colaptes Auratus</i>
Steller's Jay	<i>Cyanocitta Stelleri</i>
Gray Jay	<i>Persisoreus canadensis</i>
Clarks Nutcracker	<i>Nucifraga columbiana</i>
Common Raven	<i>Corvus Corax</i>
Blacked-billed Magpie	<i>Pica pica</i>
Mountain Chickadee	<i>Poecile Gambell</i>
Red-breasted Nuthatch	<i>Sitta Canadensis</i>
White-breasted Nuthatch	<i>Sitta Carolinensis</i>
Pygmy Nuthatch	<i>Sitta Cygmaea</i>
Ruby-crowned Kinglet	<i>Regulus Calendula</i>
Golden-crowned Kinglet	<i>Regulus Satrapa</i>
American Robin	<i>Turdus Migratorius</i>
Yellow-rumped Warbler	<i>Dendroica Coronata</i>
Townsend's Warbler	<i>Dendroica Townsendi</i>
Wilson's Warbler	<i>Wilsonia Pusilla</i>
Green Tailed Towhee	<i>Pipilo Chlorurus</i>
Chipping Sparrow	<i>Spizella Passerina</i>
Lincoln's Sparrow	<i>Melospiza Lincolni</i>
White-crowned Sparrow	<i>Zonotrichia Leucophrys</i>
Dark-eyed Junco	<i>Junco Hyemalis</i>
Pine Siskin	<i>Carduelis Pinus</i>
Hermit Thrush	<i>Catharus Guttatus</i>
Blackheaded Grosbeak	<i>Pheucticus Melanocephalus</i>
Hairy Woodpecker	<i>Picoides Arcticus</i>
Western Peewee	<i>Contopus Virens</i>
Western Flycatcher	<i>Empidonax difficilis</i>
Western Tanager	<i>Piranga ludoviciana</i>
Warbling Vireo	<i>Vireo gilvus</i>
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>
Cordilleran Flycatcher	<i>Empidonax occidentalis</i>
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>
Red Naped Sapsucker	<i>Sphyrapicus nuchalis</i>
Violet-green Swallow	<i>Tachycineta thalassina</i>
Red Crossbill	<i>Loxia curvirostra</i>
Red Tailed Hawk	<i>Buteo jamaicensis</i>
Turkey	<i>Meleagris gallopavo</i>

**Hyde Memorial State Park
Appendix D**

Cultural Resource Protection Laws

The following cultural resource protection laws are applicable to HMSP. Each law has a bearing on the management of the park.

Federal

Native American Grave Protection and Repatriation Act of 1990 (25 USC Section 3001). This act protects Native American human remains, funerary objects, sacred objects and objects of cultural patrimony. It prohibits the sale, purchase or use or transport for sale or profit, the human remains of a Native American. The law outlines the procedures in the event of an inadvertent discovery of a Native American burial as well as the relinquishment of control of such items to the appropriate Native American group.

National Register of Historic Places, 36 CFR, Part 60. This is the official federal list of districts, sites, buildings, structures and objects significant in American history, architecture, archeology, engineering, and culture. These properties must have historic significance and integrity and must meet at least one of the following criteria: Association with significant events; association with important persons; distinctive design or physical characteristics; or potential to yield information important in history or prehistory.

State

New Mexico Cultural Properties Act (NMSA Section 18-6-1 to 18-6-17 1978). This act recognizes that the historical and cultural heritage of the state as one of the state's most valued and important assets. It indicates that the neglect, desecration and destruction of historical and cultural sites, structures, places and objects result in an irreplaceable loss to the public. It establishes the New Mexico Historic Preservation Division (HPD) to maintain the New Mexico Register of Cultural Properties (similar to the National Register) and to review of state projects to determine effect upon significant historic properties. This law prohibits unauthorized excavation, injury or damage to cultural properties located on state land. It requires excavation and burial permits and assesses criminal and/or civil penalties for unlawful excavation of cultural properties or burials. Finally, this law requires that site location remain confidential.

New Mexico Prehistoric and Historic Sites Preservation Act (NMSA Section 18-8-1 to 18-8-8 1989). This law states that no public funds of the state shall be spent on any program that requires the use of any portion of land from a significant prehistoric or historic site unless there is no feasible and prudent alternative and unless the project includes all possible planning to preserve and protect the cultural property.

New Mexico Cultural Properties Protection Act (NMSA Section 18-16A-1 to 18-6A-6 1993). This law requires state agencies to establish a system of professional surveys of cultural

properties on state lands. State agencies are required to cooperate with the Historic Preservation Division to ensure that cultural properties are not inadvertently damaged or destroyed.

Appendix E – Regional Map

Hyde Memorial State Park Appendix I:

Authorized Staffing for Hyde Memorial State Park

Park Superintendent - Supervises all park operations and administrative functions. Plans and schedules work projects for park staff, inmates and volunteers. Schedules staff to provide visitor services, maintenance and administrative functions. Serves as the primary liaison to other agencies and to local communities. Performs law enforcement duties.

Park Manager - Serves as the Assistant Superintendent. The manager is responsible for purchasing and budgeting, assists with park administration, and supervises projects and maintenance by Park Technicians. The manager supervises the park in the absence of the Park Superintendent. Performs law enforcement

Park Ranger - Provides administrative assistance to the Park Superintendent and Manager in park operations and park program applications. Performs park maintenance in accordance with SPD Standards. Provides interpretive programs, acts as volunteer coordinator, and is in charge of the HMSP water system. Supervision of seasonals and volunteers. Performs law enforcement to ensure public safety, resource protection, and visitor management.

Two Park Technicians - Maintain park facilities, equipment, and vehicles according to SPD Standards of Care. Assist with public safety, visitor management, and road and landscape maintenance. Supervise Inmate crew in park projects and maintenance. Provide leadership for seasonal employees. Complete most large park projects.

Inmate Crew- Provide HMSP with assistance in park projects and maintenance.

Four Seasonal Laborers-Assist with park maintenance and park projects. Assist visitors and man Visitor Center during busy times.

Volunteers- Assist with trail maintenance, staff Visitor Center, and help with park projects and maintenance.

HMSP ORGANIZATIONAL CHART

