

# Recreation Facility Analysis



## 5-year Program of Work and Programmatic Results of Implementation

BLACK HILLS National Forest  
July 17, 2008

Recreation Facility Analysis  
5-year Program of Work

**BLACK HILLS National Forest**

Reviewed by: CRAIG BOBZIEN Date: 7-25-08  
FOREST SUPERVISOR  
Black Hills National Forest

Reviewed by: CHRIS SPORL Date: 7-30-08  
(FOR) REGIONAL RWHR DIRECTOR  
Rocky Mountain Region

Concurrence: GREG GRIFFITH Date: 7-30-08  
REGIONAL FORESTER  
Rocky Mountain Region

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## 1. INTRODUCTION

This document is a living, working road map to guide the Forest in providing a quality, sustainable recreation sites program. It describes the vision for the overall Forest recreation program and outlines proposals specific to individual developed recreation sites.

The proposals and guidance contained in this document were developed through, and are the end result of, the national Recreation Facility Analysis (RFA) process. Existing and projected visitor demands, recreation program niche, resource conditions, links to the community, program costs, and revenue were all considered in developing proposals.

This document will serve as a framework from which the Forest will prioritize investments, and pursue changes in operations or maintenance of recreation sites. Proposals are wholly consistent with the Rocky Mountain Region's "Recreation Strategy", and the Black Hills Forest Land and Resource Management Plan.

The Forest recognizes that site-specific analysis and public involvement may be necessary prior to implementing some of the proposals contained in this document. As implementation of site-specific proposals are considered, they will be evaluated to determine if they are subject to the National Environmental Policy Act (NEPA) and all required procedures shall be executed.

The Forest also recognizes that proposals relating to fees will require consistency with criteria outlined in the Recreation Enhancement Act (REA) and coordination with the appropriate Recreation Resource Advisory Committee (RRAC).

## 2. SUMMARY - Programmatic Results of Implementation

### A. BRIEF DESCRIPTION OF PROCESS

The purpose of the Recreation Facility Analysis process is to display the tasks needed over the next 5 years to bring the Forest's recreation infrastructure into alignment with the resources available to operate and maintain it to standard. Many of our facilities were built 30-50 years ago and have reached the end of their useful life without significant deferred maintenance investment. Other facilities receive no or little use, and no longer serve the demand that existed 30-50 years ago. The fundamental premise of the program of work is to create an inventory which is sufficiently sustainable and flexible to be adapted annually to any changes in available resources. The program of work has been developed to meet the following objectives:

- Operate and maintain sites to standard within available revenue stream.
- Reduce deferred maintenance by 20% over the 5 year life of the program of work.
- Focus available resources on sites which conform most closely to the Forest Recreation Program Niche.
- Maintain and enhance customer satisfaction with available sites.

The RFA process defines the proposed actions for management of forest recreation sites in order to meet the desired future condition that aligns with the Forest Plan. For purposes of the analysis and planning for future proposed actions, four categories (A-D) of proposed management are used. These categories are:

- 1) Category A: sites that are under some type of operational or contractual agreement whose terms are longer than the 5-year period of the RFA.
- 2) Category B: sites that meet the unit niche; are environmentally sustainable within the capability and capacity of the natural resources; are supported by and provide support to local communities; and have a sustainable management cost-benefit ratio.

- 3) Category C: sites that do not meet all of the above criteria, but with a combination of mitigation, additional resources, or other type of action could be made to qualify for Category B status.
- 4) Category D: sites that do not meet all of the (Category B) criteria; or fall sufficiently short in one or more of the criterion so as to render the capability of meeting it unsustainable. These sites may be managed for dispersed recreation opportunities.

Sites were evaluated and ranked based on conformance to the forest niche and amount of recreation use (35%), financial efficiency (35%), and environmental and community sustainability (30%).

Some sites were identified as non-discretionary based primarily on existing agreements such as concession permits.

B. FOREST RECREATION NICHE  
June 30, 2006 (for coming decade)

### Access for the Ages

**With several national icons nestled among the pines of the Black Hills National Forest, this Island in the Plains serves as the backdrop for these symbols of America.**

**Specialized campgrounds, roaded recreation opportunities and a system of trails connecting communities showcase this forest that provides user friendly access to year-round family activities. Together, the attractive features of the Black Hills National Forest, Custer State Park, and area National Parks, memorials, and monuments are the foundation for the local recreation economies.**

### Settings, Special Places, and Values

Forest Overview: The Black Hills National Forest is a regionally important recreation destination, rich with natural, cultural, and Native American history. This Island in the Plains connects visitors and communities with a working landscape highlighted by a well managed ponderosa pine forest, lakes and geology characterized by caves, canyons and spires. Wyoming has hardwoods such as aspen, birch and oak more abundant than elsewhere on the forest.

Scenic Drives: Norbeck and Spearfish Canyon - paved scenic travel corridors through the forest linking communities, national and state parks.

Water: Lake and reservoir based developed recreation.

Dispersed Access: Described as the working forest area, this setting is well roaded and is where the majority of dispersed recreation occurs.

### Activities/Opportunities/Experiences

Forest Overview: The forest provides easy access to a variety of year-round family recreation opportunities with a focus on scenic drives, trail use and specialized camping. The forest is known for facilities that are accessible to people of all abilities.

Scenic Drives: Driving for pleasure, viewing wildlife and natural features, cultural and historic information, wayside stops.

Water: Lakeside camping, fishing, boating, swimming

Dispersed Access: Specialized camping in support of trail based recreation activities specifically for off-highway vehicles (OHV) and horseback riding. Hunting, hiking, mountain biking, horseback riding, OHV use, and collecting forest products are the predominant activities in the spring, summer, and fall. All of these activities occur in winter in the southern hills due to the mild climate, with cross country skiing and snowmobiling in the northern part of the forest.

Forest Supervisor Signature \_\_\_\_/s/CRAIG BOBZIEN\_\_\_\_\_

<b>SETTING DESCRIPTIONS</b> (key words that describe the setting as it relates to developed rec in bold)		<b>BLACK HILLS NF NICHE BRIDGE for DEVELOPED RECREATION PROGRAM</b> (For the next decade - Apply to Recreation Site Facility Master Plan, Step 3, Worksheet 3)							
		<u>Scenic Drives</u>		<u>Water</u>		<u>Dispersed Access</u>			
<b>FOREST-WIDE</b> Winter use, trail and road access, wildlife hunting and viewing.		Paved scenic travel corridors throughout the forest linking communities, national and state parks.		Lake based developed recreation		Convenient and welcoming roads assist visitors in discovering trails and dispersed recreation opportunities. Dispersed use based from specialized cg's			
<b>SETTING EMPHASIS</b> Which setting(s) best support the niche for developed recreation		High		High		Low			
<b>SITE FUNCTION/THEME</b> How sites are designed/managed to best meet the niche		Cultural and historic information associated with wayside stops provide visitors with a connection to the forest.		Promotes water based recreation opportunities.		Permits easy access to the forest, local "get-away" for specialized camping and access to trails			
<b>KEY ACTIVITIES</b> in support of the niche for the coming decade		Driving to view scenery and wildlife, cultural and historic interpretation.		Lakeside camping, fishing, boating, swimming		Specialized camping. Day use hiking, mountain biking, horseback riding, OHV and hunting. Also winter motorized and non-motorized activities.			
<b>Infrastructure</b>	<b>SITE TYPE/ DEVELOPMENT SCALE</b> Needed to provide key activities	<b>Site Type</b>	<b>Dev. Scale</b>	<b>Site Type</b>	<b>Dev. Scale</b>	<b>Site Type</b>	<b>Dev. Scale</b>	<b>Site Type</b>	<b>Dev. Scale</b>
	Sites will typically be the lowest dev scale possible to maintain visitor experience & protect the resource	Trailheads	3, 4	Campgro unds	3, 4	Trailheads	2, 3		
		Wayside Stops	3,4	Day Use	3, 4	Campgrds	2, 3		
		Sc O/L, I&E	3, 4						
<b>SITE CAPACITY</b> Low <50 Medium = 50-150 High >150	Med -High		Med-High		Low-Med				
<p><b>Programmatic Strategies EXAMPLES:</b>            Include land ethic messages and historical ties into developed sites whenever possible. Dev Scale should stay aligned with the experience and values provided by the opportunity, so that dev scale doesn't creep up, but either stays the same or is reduced. Development in Access Dispersed is primarily to protect the resources while providing access. Partner with private to help provide overnight, more amenities facilities. Design trailheads to be more efficient in terms of high numbers of vehicles so they're not staging from so many areas where snow conditions may not be optimum. Seek increased participation of underserved populations, especially Hispanic.</p>									

**\*\* - Development Scale** The classification of the scale of development of recreation sites. Scale ranges from 0, "No Site Modification" to 5, "Extensive Site Modification". Development scales are defined by levels of site modifications, type of construction materials used, management controls, design style, development density, and services.  
(See APPENDIX A).

C. CRITICAL MONETARY FACTORS

This matrix displays asset and expense information for the Forest Recreation Sites program before and after 5-year Program of Work development.

<b>BLACK HILLS National Forest</b>				
<b>A.</b>	<b>CRITICAL MONETARY FACTOR</b>	<b>BASELINE CONDITION (Benchmark Data)</b>	<b>Program of Work CHANGED CONDITION (does not include CATEGORY C or CATEGORY D sites)</b>	<b>Program of Work PERCENT CHANGE (does not include CATEGORY C or CATEGORY D sites)</b>
<b>OPERATIONAL ASSETS</b>	APPROPRIATED FUNDS AVAILABLE	\$ 105,700	\$ 105,700	<b>0%</b>
	FEE RECEIPTS AVAILABLE	\$ 58,000	\$ 67,863	<b>17%</b>
	OTHER FUNDS AVAILABLE	\$ 6,350	\$ -	<b>-100%</b>
<b>EXPENSES</b>	OPERATING COSTS	\$ 242,171	\$ 110,445	<b>-54%</b>
	ANNUAL MAINTENANCE COSTS	\$ 131,697	\$ 51,585	<b>-61%</b>
	DEFERRED MAINTENANCE COSTS*	\$ 6,061,943	\$ 3,823,146	<b>-37%</b>

\*-Deferred Maintenance included for all sites except CATEGORY D

**Deferred Maintenance.** "Maintenance that was not performed when it should have been or when it was scheduled and which, therefore, was put off or delayed for a future period."

When allowed to accumulate without limits or consideration of useful life, deferred maintenance leads to deterioration of performance, increased costs to repair, and decrease in asset value.

D. INVENTORY

The Inventory Matrix displays the recreation site inventory characteristics before and after 5-year Program of Work development. It displays by site type and displays other recreation site program characteristics including capacity, number of sites with drinking water and waste water systems, and the annual maintenance cost for drinking and waste water systems and buildings.

BLACK HILLS National Forest					
B.	INVENTORY CHARACTERISTICS	BASELINE CONDITION (Benchmark Data)	PROGRAM OF WORK - CHANGED CONDITION	PROGRAM OF WORK - CHANGED CONDITION	PROGRAM OF WORK - CHANGED CONDITION
			CATEGORY A & B Sites	CATEGORY C Sites	CATEGORY D Sites
TIER SITE TYPE CATEGORY	CAMPGROUND DEV SCALE 2	1	1	0	0
	CAMPGROUND DEV SCALE 3	20	17	0	3
	CAMPGROUND DEV SCALE 4-5	5	5	0	0
	PICNIC SITE DEV SCALE 2-3	20	17	0	3
	PICNIC SITE DEV SCALE 4-5	3	3	0	0
	TRAILHEAD	28	28	0	0
	BOATING/ SWIM SITES/ FISHING SITES	18	18	0	0
	INTERP MAJOR/VC	0	0	0	0
	GROUP CAMPGROUND/ GROUP PICNIC	2	2	0	0
	CABINS/LOOK-OUTS	2	2	0	0
	INTERP MINOR/ OBSERVATION/ INFO SITES	7	6	0	1
	HORSE CAMP	3	3	0	0
	INFO SITE ADMIN	0	0	0	0
	OTHER 1 (OTHER REC CONSESSION)	1	1	0	0
	OTHER 2	0	0	0	0
OTHER CHARACTERISTICS	CAPACITY (PAOT)**	9,031	7,270	0	0
	CAPACITY (PAOT-DAYS)**	2,273,355	1,554,380	0	0
	# SITES w/ DRINKING WATER SYSTEM \$	27	25	0	2
	# SITES w/ WASTEWATER SYSTEM \$	12	11	0	1
	DW SYSTEM ANNUAL MAINT COST	\$ 2,256	\$ 2,256	\$ -	\$ -
	WW SYSTEM ANNUAL MAINT COST	\$ 1,872	\$ 1,872	\$ -	\$ -
	BUILDING ANNUAL MAINT COST	\$ 33,490	\$ 32,912	\$ -	\$ 577

\*\*Sum of CATEGORY A&B, C and D columns do not equal Baseline column due to capacity changes in CATEGORY A and B sites

E. RESULTS

The Results Matrix describes the significant programmatic results of the ranking process

BLACK HILLS National Forest				
C1.	PROGRAMMATIC RESULTS	BASELINE CONDITION (Benchmark Data)	PROGRAM OF WORK - CHANGED CONDITION (does not include CATEGORY C and D sites)	Program of Work PERCENT CHANGE (does not include CATEGORY C and D sites)
METRICS	AVERAGE NICHE CONFORMANCE SCORE	14.71	15.06	2%
	AVERAGE DEVELOPMENT SCALE	3.16	3.17	0%
	AVERAGE UNDERSERVED POPULATION SCORE	1.22	1.23	1%
	% OF CAPACITY ACCESSIBLE	3.8%	4.7%	24%
	% OF CAPACITY W/ ACCESSIBLE FURNISHINGS ONLY	3.0%	3.7%	24%
	PAOT-DAYS TO REGIONAL REQUIRED STANDARDS	662,451	1,554,380	135%
	CAPACITY (PAOT)	9,031	7,270	-19%
	CAPACITY (PAOT-DAYS)	2,273,355	1,554,380	-32%
	ANNUAL O&M COST PER PAOT DAY	\$ 0.26	\$ 0.10	-59%
	ANNUAL NET O&M COST PER VISIT	\$ 0.49	\$ 0.15	-69%

C2.	PROGRAMMATIC RESULTS	BASELINE CONDITION (Benchmark Data)	PROGRAM OF WORK - CHANGED CONDITION (does not include CATEGORY D sites)	Program of Work PERCENT CHANGE (does not include CATEGORY D sites)
	TOTAL DEFERRED MAINTENANCE	\$ 6,061,943	\$ 3,823,146	-37%

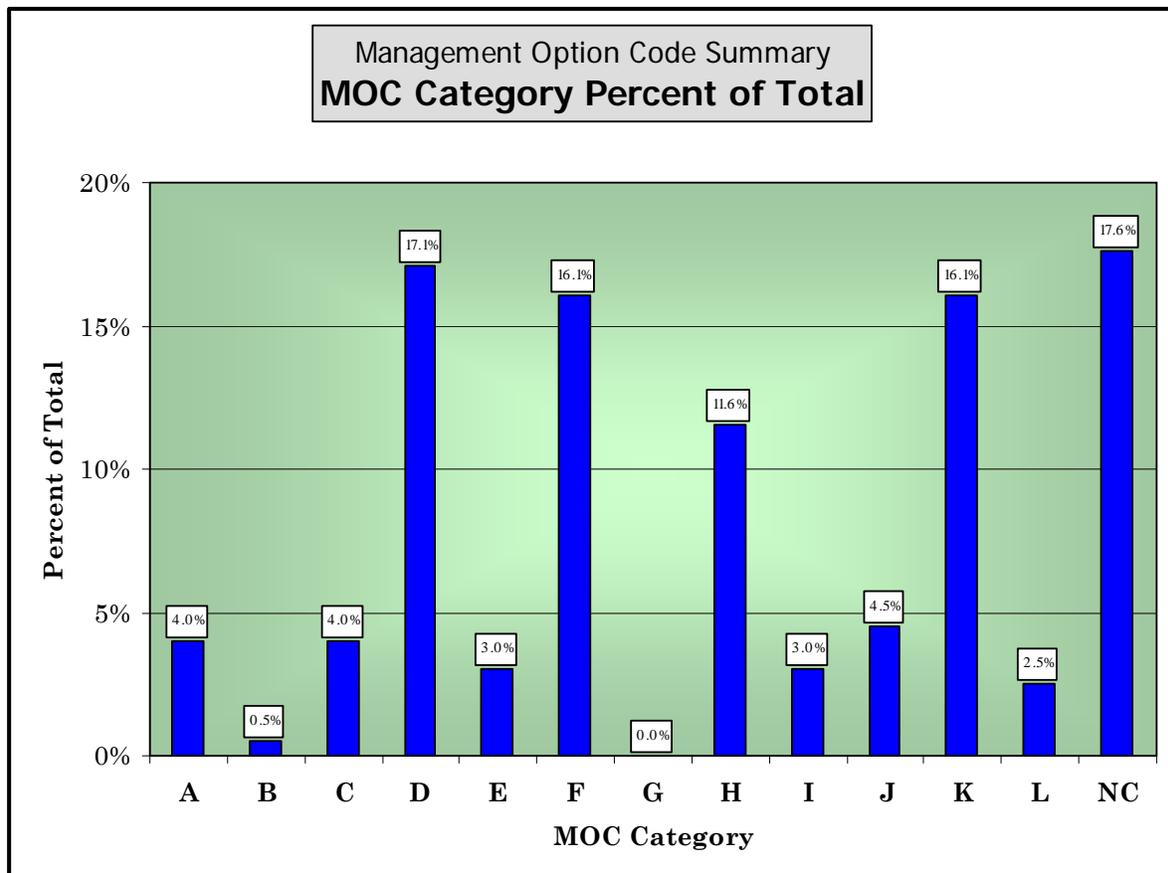
Annual O&M Cost per visit and per PAOT day are averages derived from a summation of ALL the 110 analyzed recreation facilities on the Forest; the cost per visit and per PAOT for each site and site type will vary.

PAOT - An acronym for Persons-At-One-Time; a measure of facility or site designed recreation carrying capacity, particularly for developed sites. National conventions include 5 persons per family picnic/camp unit, 3.5 persons per parking lot stall at a trailhead or visitor center, 1.5 persons per motorcycle parking stall and 40 persons per tour bus parking stall.

O&M - Operations and maintenance; includes the activities and resources required to annually operate and maintain recreation sites at a level of quality which meets their management objectives and customer satisfaction. Costs associated with O&M are generally recurrent, as opposed to capital investment costs that are generally one-time and non-recurrent.

F. PROPOSED MANAGEMENT ACTION SUMMARY

BLACK HILLS National Forest Management Option Code Summary		
MANAGEMENT OPTION CODE CATEGORY	OPTION CODE COUNT	PERCENT OF TOTAL
A-DECOMMISSION	8	4.0%
B-CLOSURE	1	0.5%
C-CHANGE SEASON	8	4.0%
D-REMOVE OR ELIMINATE COST SOURCE OR SERVICE SEASON	34	17.1%
E-REDUCE SERVICE FREQUENCY	6	3.0%
F-INCREASE/IMPROVE SERVICES	32	16.1%
G-CONSTRUCT A NEW AREA	0	0.0%
H-CHANGE OPERATOR	23	11.6%
I-CHANGE FEES	6	3.0%
J-CHANGE CAPACITY	9	4.5%
K-SITE CONVERSION	32	16.1%
L-REPLACEMENT/REPAIR	5	2.5%
NC-NO CHANGE	35	17.6%



3. RECREATION SITES PRIORITY RANKING REPORT

The Forest’s Recreation Sites Priority Ranking Report lists recreation sites in rank score priority order. Ranking is based on how well a site meets the four objectives of the RFA analysis. (Objectives are listed page 2). Tier Category designations are based on initial ranking and Forest Leadership Team analysis.

**BLACK HILLS National Forest**

**110** | **SITE COUNT**

**8. REPORT: 5-Year Program of Work -  
Table of Ranked Site Planned Operating Season & Capacity**

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
20303	NORBECK MEMORIAL OBSERV	OBSERVATION SITE	88	CATEGORY B	15-May	6-Sep	300
20303	HORSETHIEF LAKE CG	CAMPGROUND	86	CATEGORY B	15-May	6-Sep	180
20308	DALTON LAKE CG	CAMPGROUND	85	CATEGORY B	17-May	6-Sep	60
20306	SHERIDAN NORTH BOAT	BOATING SITE	83	CATEGORY B	1-Jan	31-Dec	135
20303	LAKOTA LAKE PG	PICNIC SITE	81	CATEGORY B	15-May	6-Sep	40
20306	DUTCHMAN CG	CAMPGROUND	80	CATEGORY B	26-May	5-Sep	255
20303	WRINKLED ROCK CG	CAMPGROUND	78	CATEGORY B	1-Jan	31-Dec	35
20303	HORSETHIEF LAKE FISHING SITE	FISHING SITE	76	CATEGORY B	15-May	6-Sep	15
20306	PACTOLA POINT PG	PICNIC SITE	76	CATEGORY B	5-May	6-Sep	55
20303	BISMARCK LAKE CG	CAMPGROUND	74	CATEGORY B	15-May	6-Sep	115
20306	CUSTER TRAIL BOAT	BOATING SITE	74	CATEGORY B	26-May	5-Sep	50
20306	PACTOLA SOUTH BOAT	BOATING SITE	73	CATEGORY B	1-Jan	31-Dec	300
20306	SHERIDAN NORTH SWIM	SWIMMING SITE	72	CATEGORY B	1-Apr	7-Sep	500
20308	ROUBAIX CG	CAMPGROUND	72	CATEGORY B	17-May	10-Sep	275
20306	PACTOLA POINT SWIM	SWIMMING SITE	71	CATEGORY B	15-May	16-Sep	345
20306	LAKE SHORE PG	PICNIC SITE	69	CATEGORY B			0
20306	PACTOLA NORTH OBSERV	OBSERVATION SITE	69	CATEGORY B	1-Jan	31-Dec	155
20306	SHERIDAN SOUTH BOAT	BOATING SITE	69	CATEGORY B	1-Jan	31-Dec	40
20306	PACTOLA NORTH BOAT	BOATING SITE	68	CATEGORY B	1-Jan	31-Dec	195
20306	VETERANS POINT PG	PICNIC SITE	68	CATEGORY B	1-Apr	1-Dec	50
20306	SHERIDAN SOUTH PG	PICNIC SITE	67	CATEGORY B	15-May	16-Sep	50
20306	SHERIDAN NORTH PG	PICNIC SITE	66	CATEGORY B	1-Jan	31-Dec	85
20306	PACTOLA CG	CAMPGROUND	65	CATEGORY B	1-Jan	31-Dec	440
20306	CALUMET TH	TRAILHEAD	64	CATEGORY B	1-Jan	31-Dec	75
20306	SHERIDAN SOUTHSIDE CG	CAMPGROUND	64	CATEGORY B	1-Jan	31-Dec	645
20308	PILOT KNOB TH	TRAILHEAD	64	CATEGORY B			0
20306	SHERIDAN SOUTH SWIM	SWIMMING SITE	63	CATEGORY B	15-May	16-Sep	300
20308	LITTLE SPEARFISH TH	TRAILHEAD	63	CATEGORY B	1-Apr	1-Dec	0
20301	CEMENT RIDGE LOOKOUT TOWER	OBSERVATION SITE	62	CATEGORY B	1-Apr	16-Dec	10
20303	BISMARCK BOAT	BOATING SITE	62	CATEGORY B	1-Jan	31-Dec	10
20306	WHITETAILED CG	CAMPGROUND	62	CATEGORY B	26-May	5-Sep	85
20308	EAGLE CLIFF/HOLEY ROCK THD	TRAILHEAD	62	CATEGORY B	1-Jan	31-Dec	0
20308	SOUTH BOXELDER TH	TRAILHEAD	62	CATEGORY B	1-Jan	31-Dec	0
20306	JENNY GULCH PG	PICNIC SITE	61	CATEGORY B	1-Jan	31-Dec	40
20306	BRUSH CREEK TH	TRAILHEAD	59	CATEGORY B	1-Jan	31-Dec	0
20306	DEERFIELD COVE BOAT	BOATING SITE	59	CATEGORY B	1-Jan	31-Dec	80
20308	STRAWBERRY PG	PICNIC SITE	59	CATEGORY B	17-May	1-Dec	55
20301	SUNDANCE CG	HORSE CAMP	58	CATEGORY B	1-Apr	26-Nov	50
20303	PALMER CREEK TH	TRAILHEAD	58	CATEGORY B			0
20303	WILLOW CREEK TH	TRAILHEAD	58	CATEGORY B	1-Jan	31-Dec	40

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
20306	DAKOTA POINT TRAILHEAD	TRAILHEAD	58	CATEGORY B	1-Apr	1-Nov	0
20306	DITCH CREEK CG	CAMPGROUND	58	CATEGORY B	26-May	5-Sep	65
20306	FISHERMAN'S PARKING	FISHING SITE	58	CATEGORY B			0
20306	SHERIDAN CG	GROUP CAMPGROUND	58	CATEGORY B	5-May	6-Sep	270
20308	BOXELDER FORKS CG	CAMPGROUND	58	CATEGORY B	1-Apr	1-Dec	70
20308	OLD BALDY TH	TRAILHEAD	58	CATEGORY B	1-Apr	1-Dec	0
20301	COOK LAKE CG	CAMPGROUND	57	CATEGORY B	1-Apr	16-Nov	170
20301	REUTER TH	TRAILHEAD	57	CATEGORY B			0
20303	BEAVER CREEK CG	CAMPGROUND	57	CATEGORY B	15-May	6-Sep	40
20303	BOB MARSHALL CAMP	OTHER RECREATION CONCESSION SITE	57	CATEGORY B	15-May	6-Sep	80
20303	BREEZY POINT PG	PICNIC SITE	57	CATEGORY B	15-May	6-Sep	20
20303	HELL'S CANYON TH	TRAILHEAD	57	CATEGORY B			0
20306	BEAR GULCH CG	GROUP CAMPGROUND	57	CATEGORY B	15-May	6-Sep	60
20306	DAKOTA POINT PG	PICNIC SITE	57	CATEGORY B	26-May	5-Sep	45
20306	RAPID CREEK TH	TRAILHEAD	57	CATEGORY B			30
20308	MT. ROOSEVELT PG	PICNIC SITE	57	CATEGORY B	1-Apr	1-Dec	10
20301	DUGOUT GULCH TRAILHEAD	TRAILHEAD	56	CATEGORY B			0
20303	IRON CREEK CG	HORSE CAMP	56	CATEGORY B	15-May	6-Sep	45
20303	WILLOW CREEK CG	HORSE CAMP	56	CATEGORY B	15-May	6-Sep	125
20306	GOLD RUN TH	TRAILHEAD	56	CATEGORY B	1-Jan	31-Dec	60
20306	MYSTIC ROAD TRAILHEAD	TRAILHEAD	56	CATEGORY B			0
20303	BIG PINE TH	TRAILHEAD	55	CATEGORY B	1-Jan	31-Dec	0
20303	GRIZZLY BEAR CG	CAMPGROUND	55	CATEGORY B	15-May	6-Sep	100
20303	J.H. KEITH - SPRINGS PG	PICNIC SITE	55	CATEGORY B			40
20303	OREVILLE CG	CAMPGROUND	55	CATEGORY B	15-May	6-Sep	130
20306	BLACK FOX CAMPGROUND	CAMPGROUND	55	CATEGORY B	26-May	5-Sep	45
20306	COON HOLLOW TH	TRAILHEAD	55	CATEGORY B	1-Jan	31-Dec	0
20308	DALTON LAKE TH	TRAILHEAD	55	CATEGORY B			0
20306	BLACK HILLS VISITOR CENTER	INTERPRETIVE SITE (MINOR)	54	CATEGORY B	26-May	5-Sep	165
20308	CROW PEAK TH	TRAILHEAD	54	CATEGORY B	1-Jan	31-Dec	0
20301	BEARLODGE CG	CAMPGROUND	56	CATEGORY B	1-Apr	16-Dec	40
20303	HARNEY PEAK LO	FIRE LOOKOUTS/CABINS OVERNIGHT	53	CATEGORY B	1-Jan	31-Dec	25
20308	EAGLE CLIFF THD	TRAILHEAD	53	CATEGORY B	1-Jan	31-Dec	0
20303	J.H. KEITH - FALLS PG	PICNIC SITE	52	CATEGORY B			50
20308	BIG HILL TH	TRAILHEAD	52	CATEGORY B	1-Jan	31-Dec	90
20306	CASTLE PEAK CG	CAMPGROUND	51	CATEGORY B	26-May	5-Sep	45
20301	REUTER CG	CAMPGROUND	50	CATEGORY B	1-Apr	16-Dec	120
20306	BOULDER HILL TH	TRAILHEAD	50	CATEGORY B	1-Jan	31-Dec	0
20308	DEAD OX PG	PICNIC SITE	50	CATEGORY B			0
20306	CUSTER TRAIL TH	TRAILHEAD	49	CATEGORY B			0
20306	SPRING CREEK TH	TRAILHEAD	49	CATEGORY B	1-Jan	31-Dec	0
20306	SPRING CREEK PG	PICNIC SITE	48	CATEGORY B	20-May	10-Sep	10
20306	KINNEY CANYON TH	TRAILHEAD	45	CATEGORY B	1-Jan	31-Dec	0
20308	LONG VALLEY PG	PICNIC SITE	45	CATEGORY B	1-Apr	31-Dec	15
20308	TERRY PEAK OBSERVATION SITE	OBSERVATION SITE	45	CATEGORY B			15
20306	DEER CREEK TH	TRAILHEAD	44	CATEGORY B			0
20306	SAMELIUS TH	TRAILHEAD	44	CATEGORY B	1-Jan	31-Dec	25
20303	SUMMIT RIDGE CABIN	FIRE LOOKOUTS/CABINS OVERNIGHT	42	CATEGORY B	1-Jan	31-Dec	10
20306	KINNEY CANYON FISH	FISHING SITE	42	CATEGORY B	1-Mar	25-Dec	0
20306	NEWTON PG	PICNIC SITE	42	CATEGORY B			0
20306	PACTOLA INLET FISH	FISHING SITE	42	CATEGORY B	1-Apr	1-Dec	0
20303	REDBANK SPRING CG	CAMPGROUND	40	CATEGORY B	15-May	6-Sep	70

MNG ORG	SITE NAME	SITE TYPE	TOTAL RANK SCORE	TIER CATEGORY	PLANNED OPENING DATE	PLANNED CLOSING DATE	PLANNED CAPACITY [PAOT]
20306	CUSTER CAMP FISH	FISHING SITE	40	CATEGORY B			0
20306	LITTLE HOUSE FISHING SITE	FISHING SITE	40	CATEGORY B	1-Jan	31-Dec	0
20306	MILLER FISHING SITE	FISHING SITE	40	CATEGORY B			0
20306	SILVER FISHING SITE	FISHING SITE	40	CATEGORY B			0
20308	HANNA CG	CAMPGROUND	40	CATEGORY B	17-May	10-Sep	65
20303	HAZELRODT PG	PICNIC SITE	38	CATEGORY B	15-May	6-Sep	0
20303	IRON MOUNTAIN PG	PICNIC SITE	38	CATEGORY B			10
20301	WARREN PEAK LOOKOUT	OBSERVATION SITE	37	CATEGORY B	1-Apr	16-Nov	20
20308	STEAMBOAT ROCK PG	PICNIC SITE	37	CATEGORY B	1-Apr	1-Oct	55
20308	TIMON CG	CAMPGROUND	32	CATEGORY B	1-Apr	1-Dec	35
20308	ROD AND GUN CG	CAMPGROUND	31	CATEGORY B	1-Apr	1-Dec	35
20303	COMANCHE PARK CG	CAMPGROUND	0	CATEGORY D			0
20303	MOON CG	CAMPGROUND	0	CATEGORY D			0
20306	CUSTER TRAIL CG	CAMPGROUND	0	CATEGORY D			0
20306	MOUNTAIN CITY PG	PICNIC SITE	0	CATEGORY D			0
20308	BOTANY BAY PG	PICNIC SITE	0	CATEGORY D			0
20308	HELLSGATE PG	PICNIC SITE	0	CATEGORY D			0
20308	SPEARFISH CANYON SCENIC BYWAY ENTRY PORTAL NEAR SPEARFISH	INTERPRETIVE SITE (MINOR)	0	CATEGORY D			0

MNG ORG – Managing Organization Number; first number denotes the Region, the next two numbers the Forest, and the last two numbers the Ranger District.

EX: 2 = Rocky Mountain Region (Region 2)  
03 = Black Hills National Forest  
01 = Bear Lodge Ranger District  
03 = Hell Canyon Ranger District  
06 = Mystic Ranger District  
08 = Northern Hills Ranger District

#### 4. TABLE OF TASKS

##### A. SITE-SPECIFIC TASKS

The Site-Specific Tasks table lists tasks (Management Option Codes), one-time cost to implement and pertinent documentation for each recreation site. Only sites with proposed management changes are listed.

BLACK HILLS National Forest		\$486,500		TOTAL ONE-TIME COST TO IMPLEMENT TASKS		
8a. INFO ENTRY: 5-Year Proposed Program of Work - Table of Tasks						
MNG ORG	SITE NAME	TASK	START DATE	FINISH DATE	ONE-TIME COST TO IMPLEMENT ACTION	TASK COMMENTS
20301	BEARLODGE CG	NC2,C2,	10/1/2008	9/30/2009	\$0	Reduce season from 365 to 260 days, closed during winter, add fees during shoulder season
20301	CEMENT RIDGE LOOKOUT TOWER	C2,NC1,I3	10/1/2008	9/30/2009	\$0	Reduce season from 365 to 260 days, only over snow access during winter, implement fee rental for shelter
20301	COOK LAKE CG	F10,F12,I3	10/1/2008	9/30/2009	\$0	Increase FS presence, charge reduced fee for off-season use
20301	DUGOUT GULCH TRAILHEAD	K2	10/1/2008	9/30/2009	\$500	Remove as developed site, manage as CUA, Remove facilities - picnic / trash, look for volunteers - retain TH parking.
20301	REUTER CG	B3,F9,C2,F6,F12,I3 ,J2	10/1/2009	9/30/2010	\$20,000	Remove back loop - change to potential horse loop - improve parking, charge fee during shoulder seasons, redesign for specialized camping, consider potential user conflicts (horse vs. OHV)
20301	REUTER TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20301	SUNDANCE CG	F1,F10,F13,F9,	10/1/2008	9/30/2009	\$25,000	Redeveloped for trailer camping - not tent, add electrical hookups, charge fee for shoulder seasons when concession not operating.
20301	WARREN PEAK LOOKOUT	NC1			\$0	
20303	BEAVER CREEK CG	H1	2/1/2011	5/1/2011	\$0	Change to concession operation
20303	BIG PINE TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20303	BISMARCK BOAT	NC2			\$0	Reconstructed in 2008, DM eliminated
20303	BISMARCK LAKE CG	NC2			\$0	
20303	BOB MARSHALL CAMP	NC2			\$0	concession operated
20303	BREEZY POINT PG	C2,D5,D4	10/1/2009	9/30/2010	\$1,000	Along Natl Scenic Byway, formalize agreement with NPS, take out 50% of picnic sites

20303	COMANCHE PARK CG	A1a	10/1/2008	9/30/2009	\$4,000	Out of niche, isolated. Low occupancy, decommission
20303	GRIZZLY BEAR CG	NC2,F11,H2	10/1/2008	9/30/2009	\$2,000	Along Natl Scenic Byway, has eligible CCC buildings, concession operated, add interpretive signing, Solicit NPS to maintain during off season if want to keep open.
20303	HARNEY PEAK LO	NC1			\$0	
20303	HAZELRODT PG	K2	10/1/2008	9/30/2009	\$0	Under SUIP to Custer County, improvements now owned by county, out of niche, isolated - close when/if Custer County no longer operates.
20303	HELL'S CANYON TH	K2	10/1/2008	9/30/2009	\$0	Correct Site name to Hell Canyon TH, change to CUA, no longer operate as a developed rec site.
20303	HORSETHIEF LAKE CG	NC2			\$5,000	Improve tent camping area
20303	HORSETHIEF LAKE FISHING SITE	H2	10/1/2008	9/30/2009	\$0	Seek O&M agreement for offseason partner with Mount Rushmore. If no partner, consider reducing services during off-season.
20303	IRON CREEK CG	D3,NC2,	10/1/2010	9/30/2011	\$1,000	Remove 1 toilet on north side
20303	IRON MOUNTAIN PG	D5,D4,J2	10/1/2008	9/30/2009	\$1,000	Remove all tables & grills, retain toilet due to Byway funded, change site type to TH parking
20303	J.H. KEITH - FALLS PG	D7,E7,H2	10/1/2008	9/30/2009	\$0	Seek partner, reduce services & facilities.
20303	J.H. KEITH - SPRINGS PG	D7,E7,H2	10/1/2008	9/30/2009	\$0	Seek partner, reduce services & facilities.
20303	LAKOTA LAKE PG	F6	10/1/2010	9/30/2011	\$10,000	Improve parking for horse trailer use.
20303	MOON CG	A1a	10/1/2008	9/30/2009	\$3,000	Decommission as soon as possible or relocate
20303	NORBECK MEMORIAL OBSERV	H3	10/1/2010	9/30/2011	\$0	DM addressed, leaking toilet removed in spring 2008
20303	OREVILLE CG	NC2			\$0	Operate as specialized campground, emphasize availability for Mickelson Trail users
20303	PALMER CREEK TH	D3,K2,H2	10/1/2011	9/30/2012	\$1,000	Remove vault toilet, unless Mickelson Trail-Mt. Rushmore bike trail comes through this location. If bike trail comes thru, SD G, F, & Parks will maintain.
20303	REDBANK SPRING CG	F9,J1,H1,I4	10/1/2009	9/30/2010	\$50,000	Reconstruction & increase sites for camping, with specialized facilities for campers with OHVs.
20303	SUMMIT RIDGE CABIN	H1	10/1/2010	9/30/2011	\$0	Consider change to concession and/or reducing season
20303	WILLOW CREEK CG	D5,F9	10/1/2010	9/30/2011	\$15,000	Complete study, reconstruct w/ relocating camping away from creek, add accessible site, convert 1 loop to tent only, non-horse use.

20303	WILLOW CREEK TH	D4	10/1/2010	9/30/2011	\$500	Remove picnic sites, consider change to CUA after study completed.
20303	WRINKLED ROCK CG	H2,NC1,F12,F6	10/1/2008	9/30/2010	\$0	, Byway grant reconstruction to take place in FY 2009, Formalize agreement with NPS, managed along with Breezy Point.
20306	BEAR GULCH CG	NC2,L1	10/1/2008	9/30/2009	\$30,000	Replace aging vault toilet
20306	BLACK FOX CAMPGROUND	C2,H1,I5	10/1/2010	9/30/2011	\$0	FS charging fee from Memorial Day - Labor Day, change to concession operated with new prospectus
20306	BLACK HILLS VISITOR CENTER	H2,H3	10/1/2008	9/30/2010	\$0	Use volunteers, continue to seek partners, including concession & BOR.
20306	BOULDER HILL TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	BRUSH CREEK TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	CALUMET TH	NC2			\$0	
20306	CASTLE PEAK CG	C2,H1,I5	10/1/2010	9/30/2011	\$0	FS charge fee Memorial Day - Labor Day, change to concession operated with new prospectus
20306	COON HOLLOW TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	CUSTER CAMP FISH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	CUSTER TRAIL BOAT	NC2			\$0	Will not be maintained in off-season
20306	CUSTER TRAIL CG	A1a	10/1/2008	9/30/2009	\$5,000	Decommission as soon as possible
20306	CUSTER TRAIL TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	DAKOTA POINT PG	C2,J2	10/1/2008	9/30/2009	\$5,000	Close site in off season, consider fee in shoulder season, Apr-May & Sep-Oct
20306	DAKOTA POINT TRAILHEAD	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	DEER CREEK TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	DEERFIELD COVE BOAT	NC2			\$0	
20306	DITCH CREEK CG	NC2,L1	10/1/2008	9/30/2009	\$30,000	Close during off-season, replace vault toilet with CXT
20306	DUTCHMAN CG	NC2			\$0	Reconsted in FY 2008, DM eliminated
20306	FISHERMAN'S PARKING	K2	10/1/2008	9/30/2009	\$0	Removed toilet, now managed as a CUA
20306	GOLD RUN TH	NC2			\$0	
20306	JENNY GULCH PG	J2,D4	10/1/2010	9/30/2011	\$5,000	Close toilet from Oct 1 to April 1, seek community partner or reduce services such as removal of toilet.

20306	KINNEY CANYON FISH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	KINNEY CANYON TH	NC2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	LAKE SHORE PG	K2,H2,H3,D2,D3,D4,D5	10/1/2008	9/30/2009	\$10,000	Drop west entrance, remove tables, grills, and vault toilet, change to CUA, retain parking for fishing access
20306	LITTLE HOUSE FISHING SITE	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	MILLER FISHING SITE	K2	10/1/2008	9/30/2009	\$500	Remove facilities, change to CUA, no longer operate as a developed rec site
20306	MOUNTAIN CITY PG	A1a	10/1/2008	9/30/2009	\$3,000	decommission, Lakeshore PG in same area
20306	MYSTIC ROAD TRAILHEAD	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	NEWTON PG	K2,H2,D3	10/1/2008	9/30/2009	\$5,000	Remove toilet, change to CUA, parking only see if SD G,F, & Parks wishes to operate as Mickelson TH.
20306	PACTOLA CG	NC2	10/1/2008	9/30/2009	\$0	Only Loop A open in the off-season (Labor day - Memorial Day)
20306	PACTOLA INLET FISH	K2	10/1/2008	9/30/2009	\$500	Remove any facilities, change to CUA, no longer operate as a developed rec site
20306	PACTOLA NORTH BOAT	NC2			\$0	Consider possible addition of two hosts sites - marina and concession operations.
20306	PACTOLA NORTH OBSERV	NC1			\$0	BOR site, request funding support from BOR when removed from concession ops 2010.
20306	PACTOLA POINT PG	NC2			\$0	
20306	PACTOLA POINT SWIM	NC2			\$0	
20306	PACTOLA SOUTH BOAT	NC2			\$0	
20306	RAPID CREEK TH	H2,D5	10/1/2010	9/30/2011	\$0	Seek partner to operate site, consider reducing services, including restroom - 2011.
20306	SAMELIUS TH	NC1			\$0	
20306	SHERIDAN CG	NC2			\$0	
20306	SHERIDAN NORTH BOAT	NC2			\$0	
20306	SHERIDAN NORTH PG	D4,F16	10/1/2008	9/30/2009	\$8,000	Consider change to group site, study possible addition of user amenities - fish cleaning station, kids play area, and dump station addition to serve Sheridan and Pactola recreation areas.
20306	SHERIDAN NORTH SWIM	NC2			\$0	
20306	SHERIDAN SOUTH BOAT	NC2			\$0	
20306	SHERIDAN SOUTH PG	A2,L1,D5	10/1/2008	9/30/2009	\$50,000	Reduce number of picnic sites, open views along shoreline by removing vegetation, consider accessible fishing walkway along shoreline.

20306	SHERIDAN SOUTH SWIM	NC2,D4	10/1/2008	9/30/2009	\$35,000	Reduce number of picnic sites near beach, open views next to beach area, replace restroom/changing room.
20306	SHERIDAN SOUTHSIDE CG	NC2			\$0	Have one loop open in the shoulder seasons - consider with reduced fee.
20306	SILVER FISHING SITE	D2,D3,D4,K2	10/1/2008	9/30/2009	\$0	Remove any facilities, change to CUA, no longer operate as a developed rec site
20306	SPRING CREEK PG	D3,D4,D5,H2	10/1/2008	9/30/2009	\$5,000	reduce facilities down to 1 toilet and 2 picnic sites.
20306	SPRING CREEK TH	K2	10/1/2008	9/30/2009	\$0	change to CUA, no longer operate as a developed rec site
20306	VETERANS POINT PG	C2	10/1/2008	9/30/2009	\$0	Close toilet from Oct 1 to April 1
20306	WHITETAIL CG	NC2			\$0	Close after concessionaire leaves, from Labor Day to Memorial Day
20308	BIG HILL TH	H2,NC1	10/1/2008	9/30/2009	\$0	Formalize partnership to maintain toilet w/ State of SD during winter (6 mos. agreement)
20308	BOTANY BAY PG	A1a,H2	10/1/2008	9/30/2009	\$0	decommission, take out table & toilet - unless partner wishes to operate site under permit.
20308	BOXELDER FORKS CG	J1,L1	10/1/2009	9/30/2010	\$0	Improve parking for campers w/ OHVs, replace two aging toilets
20308	CROW PEAK TH	K2	10/1/2008	9/30/2009	\$0	consider change to cua, no longer operate as a developed rec site
20308	DALTON LAKE CG	F6,J1,F1,F13	10/1/2009	9/30/2010	\$0	Improve parking for campers w/ OHVs, add electricity for Host site, Improve signing
20308	DALTON LAKE TH	F10,D3,K2	10/1/2008	9/30/2009	\$0	Remove toilet & no longer manage as dev rec site, change site type to CUA, Increase FS presence.
20308	DEAD OX PG	D2,D3,D4,D5,K2,	10/1/2008	9/30/2009	\$2,000	Remove facilities and change to CUA, no longer operate as a developed rec site
20308	EAGLE CLIFF THD	K2	10/1/2008	9/30/2009	\$0	Eagle Cliff Ski Club helps
20308	EAGLE CLIFF/HOLEY ROCK THD	K2	10/1/2008	9/30/2009	\$0	Eagle Cliff Ski Club helps
20308	HANNA CG	F1,L1	10/1/2009	9/30/2010	\$30,000	Add electricity for Host site, update toilets
20308	HELLSGATE PG	A1a,H2	10/1/2008	9/30/2009	\$2,000	Decommission, remove picnic tables & toilet
20308	LITTLE SPEARFISH TH	K2	10/1/2008	9/30/2009	\$0	Consider change to CUA, no longer operate as a developed rec site, adjacent to Timon CG.
20308	LONG VALLEY PG	F6,F12,J1	10/1/2008	9/30/2009	\$30,000	Upgrade toilet to SST, improve bulletin board, add 2 to 3 additional tables & sites

20308	MT. ROOSEVELT PG	F11,F12,J1,D4	10/1/2008	9/30/2009	\$5,000	Improve interp, histories, signs, and bulletin boards, consider additional parking, remove old portable tables by tower.
20308	OLD BALDY TH	K2	10/1/2008	9/30/2009	\$0	consider change to CUA, no longer operate as a developed rec site
20308	PILOT KNOB TH	D3,K2,H3	10/1/2010	9/30/2011	\$2,000	Remove toilet unless partner found, change to CUA, TH parking only.
20308	ROD AND GUN CG	E7	10/1/2008	9/30/2009	\$2,000	Add gate so can close when concessionaire gone
20308	ROUBAIX CG	E7,F1,F6	10/1/2008	9/30/2009	\$75,000	Loop C open 365, Loops A, B, & D open 5/17 9/10 Update toilets, add electric hookups 1 loop
20308	SOUTH BOXELDER TH	K2,F13,F10	10/1/2008	9/30/2009	\$0	Change to CUA, remove as dev site, improve bulletin boards, LEO for increased ATV use
20308	SPEARFISH CANYON SCENIC BYWAY ENTRY PORTAL NEAR SPEARFISH	A1a	10/1/2008	9/30/2009	\$500	Decommission
20308	STEAMBOAT ROCK PG	E7,F16	10/1/2008	9/30/2009	\$2,000	Add gates that can close after concession season, let concessionaire change from picnic site to tent camping
20308	STRAWBERRY PG	F16	10/1/2008	9/30/2009	\$0	Let concessionaire change from picnic site to allow tent camping
20308	TERRY PEAK OBSERVATION SITE	D3	10/1/2008	9/30/2009	\$3,000	Remove toilet.
20308	TIMON CG	E7,F6	10/1/2008	9/30/2009	\$2,000	Add gate so can close when concessionaire not present, upgrade toilet

B. PROGRAMMATIC ACTIONS

**BLACK HILLS National Forest**

**8b. INFO ENTRY: 5-Year Proposed Program of Work - Programmatic Actions**

ACTION	LEAD	TIME FRAME
Develop a forest wide information and education strategy.		
Review DM for all sites especially the top DM sites. Once numbers are verified looks for ways to reduce DM.		
No toilets will be located at isolated sites unless approved by FLT w/ documentation of overriding resource justification.		
Develop a forest wide process for collecting occupancy data, review occupancies at year 3 and reconsider continued operation of sites with less than 15% occupancy.		
Revisit RS-FMP Actions after travel management meetings.		
Next concessionaire permit be sure to include boat ramp O and M and replacement. Consider overlap of permittees. Explore options for new concession permits to increase competition and return to the forest.		
Revisit the need for facilities around dams after dam report.		
Assess other outdoor recreation providers and their key offerings. Compare this to the forests niche and refine the forest's offerings.		
Engineering to review water systems operations and toilet pumping costs.		

C. DEFERRED MAINTENANCE REDUCTION ANALYSIS

Variable DM Reduction Rate					
DM Total	% Reduction	Reduction \$	Annual Expenditure Required for 4 or 5 Years to Meet Target	Target DM \$ by Target Date	Target Date
\$6,061,943	20%	\$1,212,389	\$242,500	\$4,849,555	2010
\$4,849,555	50%	\$3,030,972	\$606,200	\$1,818,583	2015
\$1,818,583	20%	\$1,212,389	\$242,500	\$606,194	2020

Straight Line DM 14 Year Reduction Rate					
DM Total	% Reduction	Reduction \$	Annual Expenditure Required to Meet 2020 Target	Target DM \$ by 2020	Target Date
\$6,061,943	90%	\$5,455,749	\$419,700	\$606,194	2020
DM Total After MOC Staff Work	Target DM \$ by 2020	Reduction \$ After MOC Staff Work	Annual Expenditure Required to Meet 2020 Target after MOC Staff Work		
\$3,823,146	\$606,194	\$3,216,951	\$247,500		
<b>* Reduction from MOC staff work</b>			<b>\$2,238,798</b>		
<b>Yrs. Resulting from staff work</b>			<b>5</b>		

Annual Funds Available for DM			
Annual Expenditure Required to Meet 2020 Target after MOC Staff Work	Annual Granger-Thye Fee Off-set	Annual Revenues Available for DM	Remaining Annual DM Reduction Shortfall
\$247,500	\$ 55,000	\$0	\$192,500

## 5. APPENDIX

### A. RECREATION SITE DEVELOPMENT SCALE GUIDE

Scale #	Definition
0	<p><b>No site modification</b></p> <ul style="list-style-type: none"> <li>○ No constructed improvements evident at the site</li> <li>○ Little to no controls or regimentation</li> <li>○ Primary access usually over primitive roads</li> <li>○ Spacing informal and often established by user</li> </ul>
1	<p><b>Almost no site modification.</b></p> <ul style="list-style-type: none"> <li>○ Rustic or rudimentary improvements designed for protection of the site rather than comfort of the users.</li> <li>○ Use of synthetic materials excluded.</li> <li>○ Minimum controls are subtle.</li> <li>○ No obvious regimentation.</li> <li>○ Primary access usually over primitive roads</li> <li>○ Spacing informal and extended to minimize contacts between users.</li> </ul>
2	<p><b>Minimal site modification.</b></p> <ul style="list-style-type: none"> <li>○ Rustic or rudimentary improvements designed primarily for protection of the site rather than the comfort of the users.</li> <li>○ Use of synthetic materials avoided.</li> <li>○ Minimum controls are subtle.</li> <li>○ Little obvious regimentation.</li> <li>○ Spacing informal and extended to minimize contacts between users.</li> <li>○ Primary access usually over primitive roads.</li> <li>○ Interpretive services informal, almost subliminal.</li> </ul>
3	<p><b>Moderate site modification.</b></p> <ul style="list-style-type: none"> <li>○ Facilities about equal for protection of natural site and comfort of users.</li> <li>○ Contemporary/rustic design of improvements is usually based on use of native materials. Inconspicuous vehicular traffic controls usually provided.</li> <li>○ Roads may be hard surfaced and trails formalized.</li> <li>○ Development density about 3 family units per acre.</li> <li>○ Primary access may be over high standard roads.</li> <li>○ Interpretive services informal if offered, but generally direct.</li> </ul>
4	<p><b>Heavy site modification.</b></p> <ul style="list-style-type: none"> <li>○ Some facilities designed strictly for comfort and convenience of users.</li> <li>○ Luxury facilities not provided.</li> <li>○ Facility design may incorporate synthetic materials.</li> <li>○ Extensive use of artificial surfacing of roads and trails.</li> <li>○ Vehicular traffic control usually obvious.</li> <li>○ Primary access usually over paved roads.</li> <li>○ Development density 3-5 family units per acre.</li> <li>○ Plant materials usually native.</li> <li>○ Interpretive services, if offered, often formal or structured.</li> </ul>
5	<p><b>Extensive site modification.</b></p> <ul style="list-style-type: none"> <li>○ Facilities mostly designed for comfort and convenience of users and usually include flush toilets; may include showers, bathhouses, laundry facilities, and electrical hookups.</li> <li>○ Synthetic materials commonly used.</li> <li>○ Formal walks or surfaced trails.</li> <li>○ Regimentation of users is obvious.</li> <li>○ Access usually by high-speed highways.</li> <li>○ Development density 5 or more family units per acre.</li> <li>○ Plant materials may be non-native.</li> <li>○ Formal interpretive services usually available. Designs formalized and architecture may be contemporary.</li> <li>○ Mowed lawns and clipped shrubs not unusual.</li> </ul>

## B. MANAGEMENT OPTION CODE LIST

### A – DECOMMISSION [Capture decommissioning costs in 5-year Program of Work]

1. Decommission
  - a. As soon as practical
  - b. Begin glide path
2. Partial Decommission (e.g., remove campsites next to boat ramp)

### B - CLOSURE

1. Close – defer decommissioning
2. Partial Closure – defer decommissioning (e.g., close campsites next to boat ramp but don't remove yet)
3. Closure pending completion of site improvements

### C - CHANGE SEASON [If a change, reflect in columns J or K, in worksheet 3, the change in operating days]

1. Increase season
2. Reduce season
3. Intermittent closure during season
4. Open weekends/holidays only
5. Open for hunting season only

### D – REMOVE OR ELIMINATE A COST SOURCE or SERVICE SEASON [use Site task cost detail in Worksheet 2b of the Ranking Template]

1. Reduce mowed area
2. Remove trashcans
3. Remove restroom facilities
4. Remove tables and/or grills
5. Other changes to site design or features to reduce costs
- 6.
7. Other changes to eliminate on-site services
8. Close or remove water system
9. Close or remove waste water system

### E - REDUCE SERVICE FREQUENCY SEASON [use Site task cost detail in Worksheet 2b of the Ranking Template] THESE CODES ARE RARELY USED AND REQUIRE SIGNIFICANT DOCUMENTATION

1. Reduce service – mow less frequent
2. Reduce service – trash and clean-up less frequent
3. Reduce service – restroom cleaning less frequent
4. Reduce service – staff presence reduced on site
5. Reduce service – less frequent bulletin board posting
- 6.
7. Reduce service – other

### F – INCREASE/IMPROVE SERVICES [use applicable rates in Features section of Recreation Sites module in Infra]

1. Add electrical hook-ups
2. Increase amps of existing electrical hook-ups
3. Add water hook-ups
4. Add sewer hook-ups
5. Add hot showers
6. Upgrade existing feature (e.g., replace SST with flush toilets)
7. Add amenities (playground, swim area, etc)
8. Add a Host site(s)

9. Major reconstruction/upgrade of the recreation area
10. Increase staff presence (including law enforcement)
- 11.
12. Improve visitor information and bulletin boards
13. Improve signing
14. Add water delivery service to individual users
15. Add greywater/blackwater pumping service to individual users
16. Other
17. Add a toilet building(s)

#### G – CONSTRUCT A NEW AREA

1. Construct a new site

#### H – CHANGE OPERATOR or WORKFORCE

1. Change to a concession operation [**apply a 60% savings to O&M cost per operating day**]
2. Operate through a partner agreement (e.g., local community, State agency, etc)
3. Volunteer (increase use of volunteers at the site)
4. Contractor (begin or expand use of contracting)
5. Prison labor (begin or expand use of prison labor)
6. Other

#### I – CHANGE FEES

1. Eliminate fee
2. Reduce fee
3. Begin charging a fee
4. Increase current fee
5. Increase fee compliance efforts

#### J – CHANGE CAPACITY (PAOT) [If a change, reflect in columns S or T, in worksheet 3, the change in capacity]

1. Increase Capacity (Add a loop, build additional sites, add parking, etc)
2. Reduce Capacity (i.e., close a loop, remove camp units, eliminate a parking area, etc.)

#### K -- SITE CONVERSION

1. Change in Development Scale
2. Change in Site Type
3. Study feasibility of converting site from FA&O facility to recreation site

#### L – REPLACEMENT/REPAIR

1. Replacement of an existing constructed feature that results in the reduction of Deferred Maintenance
2. Repair of an existing constructed feature that results in the reduction of Deferred Maintenance.
3. Conversion of constructed features to meet accessibility standards.

#### NC – NO CHANGE (i.e., none of the above site specific changes apply)

1. No change – currently USFS operated
2. No change – currently concession operation
3. No change – currently operated by a partner under some other type of formal agreement

Note – A site can have more than one code