Minnesota Natural Resources Department: Environmental Assessment Files Regarding State Parks

Copyright Notice:

Version 3
August 20, 2018

ENVIRONMENTAL ASSESSMENT

SCENIC STATE PARK

1. DESCRIPTION OF THE PROPOSED ACTION

A. Purpose of the Action - Scenic State Park was established by an act of the Minnesota State Legislature in 1921.

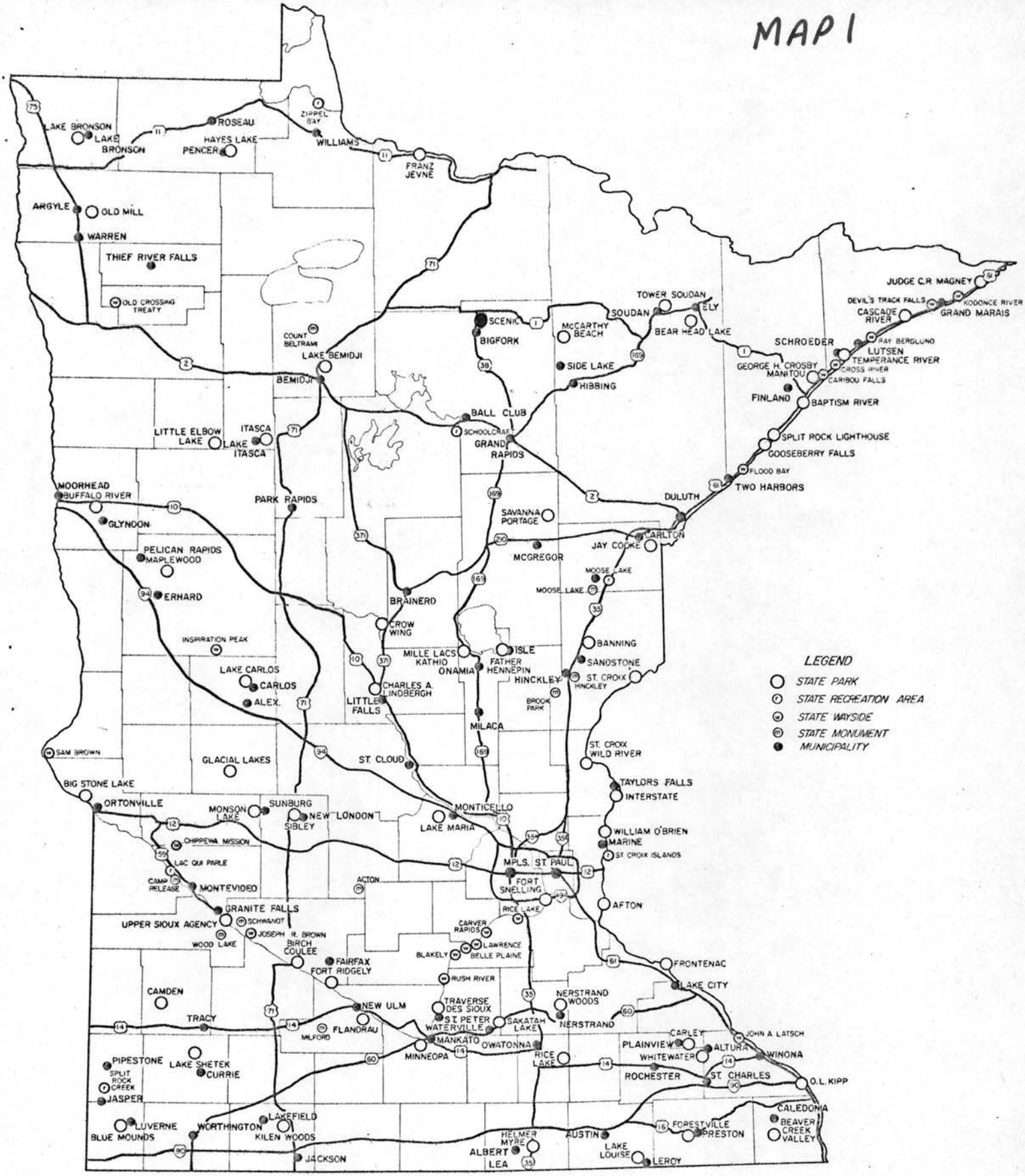
The development of lands within the recreation area's statutory boundary, by the Department of Natural Resources - Division of Parks and Recreation, will provide additional outdoor recreational opportunities for the use and enjoyment of the citizens of the State of Minnesota

The State of Minnesota - Department of Natural Resources proposee that the Federal Bureau of Outdoor Recreation, as Administrator of the Land and Water Conservation Fund (LAWCON), participate in this action.

B. Location and Magnitude of the Project - Scenic State Park is geographically located in Itasca County approximately 40 miles north of Grand Rapids, MN. Duluth, MN is located approximately 80 miles to the southeast and the Twin Cities is approximately 220 miles south. (Map 1 & 2)

The present authorized land area for the recreation area is 2,422 acres. All land is acquired within the statutory boundaries. The park's buildings were originally constructed by the CCC crews in the 1930's. (Map 3)

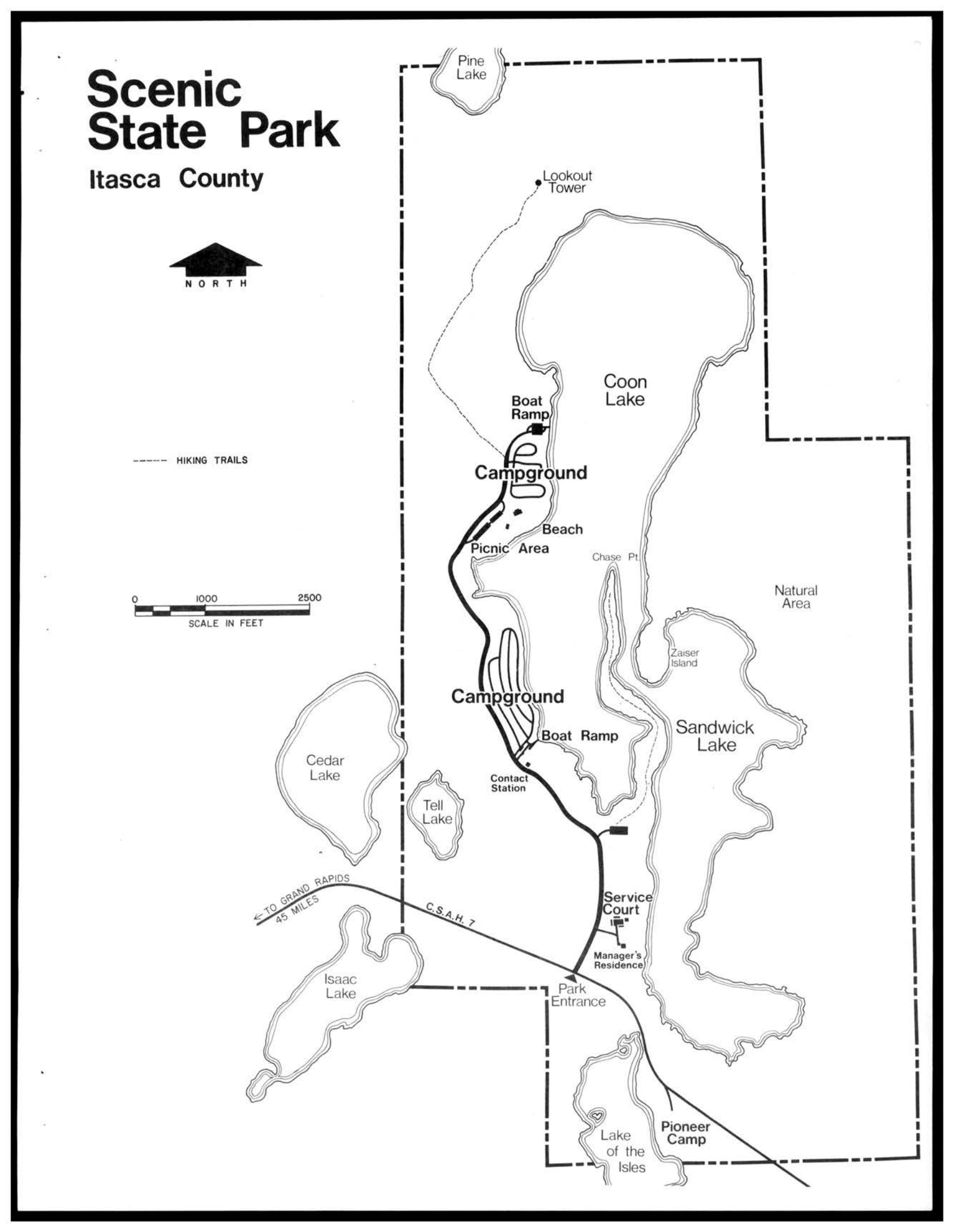
MAP 1


LAKE BRONSON
LAKE BRONSON
ROSEAU
HAYES LAKE
PENCER
ZIPPEL BAY
WILLIAMS
FRANZ JEVNE
ARGYLE
OLD MILL
WARREN
THIEF RIVER FALLS
OLD CROSSING TREATY
COUNT BELTRAMI
LAKE BEMIDJI
BEMIDJI
LITTLE ELBOW LAKE
ITASCA
LAKE ITASCA
MOORHEAD
BUFFALO RIVER
GLYNDON
PARK RAPIDS
PELICAN RAPIDS
MAPLEWOOD
ERHARD
INSPIRATION PEAK
LAKE CARLOS
CARLOS
ALEX.
SAM BROWN
GLACIAL LAKES
BIG STONE LAKE
ORTONVILLE
MONSON LAKE
SUNBURG
SIBLEY
NEW LONDON
CHIPPEWA MISSION
LAC QUI PARLE
CAMP RELEASE
MONTEVIDEO
GRANITE FALLS
UPPER SIOUX AGENCY
SCHWANDT
JOSEPH R. BROWN
WOOD LAKE
BIRCH COULEE
FAIRFAX
FORT RIDGELY
CAMDEN
TRACY
NEW ULM
FLANDRAU
MILFORD
PIPESTONE
SPLIT ROCK CREEK
JASPER
LAKE SHETEK
CURRIE
LUVERNE
BLUE MOUNDS
WORTHINGTON
LAKEFIELD
KILEN WOODS
JACKSON
SCENIC
BIGFORK
MCCARTHY BEACH
TOWER SOUDAN
SOUDAN
ELY
BEAR HEAD LAKE
SIDE LAKE
HIBBING
BALL CLUB
SCHOOLCRAFT
GRAND RAPIDS
SAVANNA PORTAGE
MCGREGOR
BRAINERD
CROW WING
MILLE LACS KATHIO
ONAMIA
FATHER HENNEPIN
ISLE
HINCKLEY
ST. CROIX HINCKLEY
BROOK PARK
CHARLES A. LINDBERGH
LITTLE FALLS
MILACA
ST. CLOUD
MONTICELLO
LAKE MARIA
MOOSE LAKE
MOOSE LAKE
BANNING
SANDSTONE
JAY COOKE
CARLTON
DULUTH
TWO HARBORS
FLOOD BAY
GOOSEBERRY FALLS
SPLIT ROCK LIGHTHOUSE
SCHROEDER
GEORGE H. CROSBY MANITOU
CROSS RIVER
CARIBOU FALLS
PAY BERGLUND
LUTSEN
TEMPERANCE RIVER
CASCADE RIVER
DEVIL'S TRACK FALLS
KODONCE RIVER
GRAND MARAIS
JUDGE C.R. MAGNEY
FINLAND
BAPTISM RIVER
ST. CROIX WILD RIVER
TAYLORS FALLS
INTERSTATE
WILLIAM O'BRIEN
MARINE
ST. CROIX ISLANDS
MPLS. ST. PAUL
FORT SNELLING
ACTON
RICE LAKE
AFTON
CARVER RAPIDS
BLAKELY
LAWRENCE
BELLE PLAINE
RUSH RIVER
FRONTENAC
LAKE CITY
TRAVERSE DES SIOUX
ST. PETER
WATERVILLE
SAKATAH LAKE
NERSTRAND WOODS
NERSTRAND
MANKATO
OWATONNA
MINNEOPA
RICE LAKE
CARLEY
PLAINVIEW
JOHN A. LATSCH
ALTURA
WINONA
WHITEWATER
ROCHESTER
ST. CHARLES
O.L. KIPP
CALEDONIA
BEAVER CREEK VALLEY
FORESTVILLE
PRESTON
AUSTIN
LAKE LOUISE
LEROY
HELMER MYRE
ALBERT LEA
LEGEND
STATE PARK
STATE RECREATION AREA
STATE WAYSIDE
STATE MONUMENT
MUNICIPALITY


GENERAL HIGHWAY MAP
ITASCA COUNTY MINNESOTA
ISSUED BY THE
MINNESOTA DEPARTMENT OF HIGHWAYS
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
DATA OBTAINED AND MAP PREPARED BY THE
PLANNING AND PROGRAMMING DIVISION
OFFICE OF
TRANSPORTATION PLANNING
SCALE OF STATUTE MILES
1969
BASIC DATA 1963*
Polyconic Projection
North American Datum of 1927
Projection Reference
46th Parallel—94th Meridian
LEGEND
ROAD AND ROADWAY FEATURES
NAVIGATION
Inset (1)
Marcell (2)
KOOCHICHING
ITASCA
BIG FORK
STATE
FOREST
GEORGE
CARPENTER
WASHINGTON
BEARVILLE
BEARVILLE TOWNSHIP GAME REFUGE
CHIPPEWA
STOKES
NATIONAL
MARCEL
BOWSTRING
FOREST

Scenic State Park

Itasca County



SCENIC STATE PARK
ITASCA COUNTY

Scenic State Park, located about 40 miles north of Grand Rapids, is a wilderness area acquired in 1921. It is one of Minnesota's most primitive and beautiful parks, with extensive stands of virgin norway pine, the most outstanding on Chase Point, a long peninsula separating Coon and Sandwick Lakes.

PARK MANNERS

Read and heed all posted rules and park signs.

Help protect your park. Preservation is everyone's business.

Take pictures and memories; leave only footprints. Don't dig trenches, pick plants, molest animals, or scavenge dead wood – it's needed for the soil environment.

Be considerate of others. Maintaining a clean, quiet park is best for everybody.

The use of firearms, explosives, air guns, slingshots, traps, seines, nets, bows and arrows and all other weapons is prohibited.

Pets are prohibited from all park areas except when restrained on a leash measuring six feet or less. Pets may not enter buildings. Horses are permitted only on trails specifically designated for such use.

The park is closed from 10:00 p.m. until 8:00 a.m. of the following day, except in campgrounds or in cabin areas. Loud noises or other disturbances are prohibited after 10:00 p.m.

Park permits are required for every vehicle and can be purchased at park headquarters. Permit prices are $3.00 per car for Annual Permit; $1.00 for Daily Permit.

Motor bikes and other licensed vehicles are allowed only on the motor vehicle roads – not on the trails.

FACILITIES

Camping, Picnicking and Hiking

Campsites are provided with water and toilet facilities. Tables and parking areas are available for picnicking. Trails provide diverse opportunities to experience the park and participate in nature.

Water Sports

Where appropriate, boat launching and swimming facilities have been developed. Activities should be confined to designated areas. Fishing subject to state law.

Winter Sports

Ski touring and snowshoeing are encouraged in all state parks and are not confined to marked trails unless specifically restricted. Snowmobiling is permitted only in designated areas and posted trails under conditions considered adequate for park protection by the park ranger or manager.

Environmental Education

Schools and conservation-oriented groups aren't the only ones that can benefit from outdoor learning experiences. Make the most of your recreational experience here by using it to get closer to natural laws that bind us to one another and to the living environment that sustains us. Your state parks are unique and precious resources for building values and life styles necessary for the survival of a healthy biotic community.

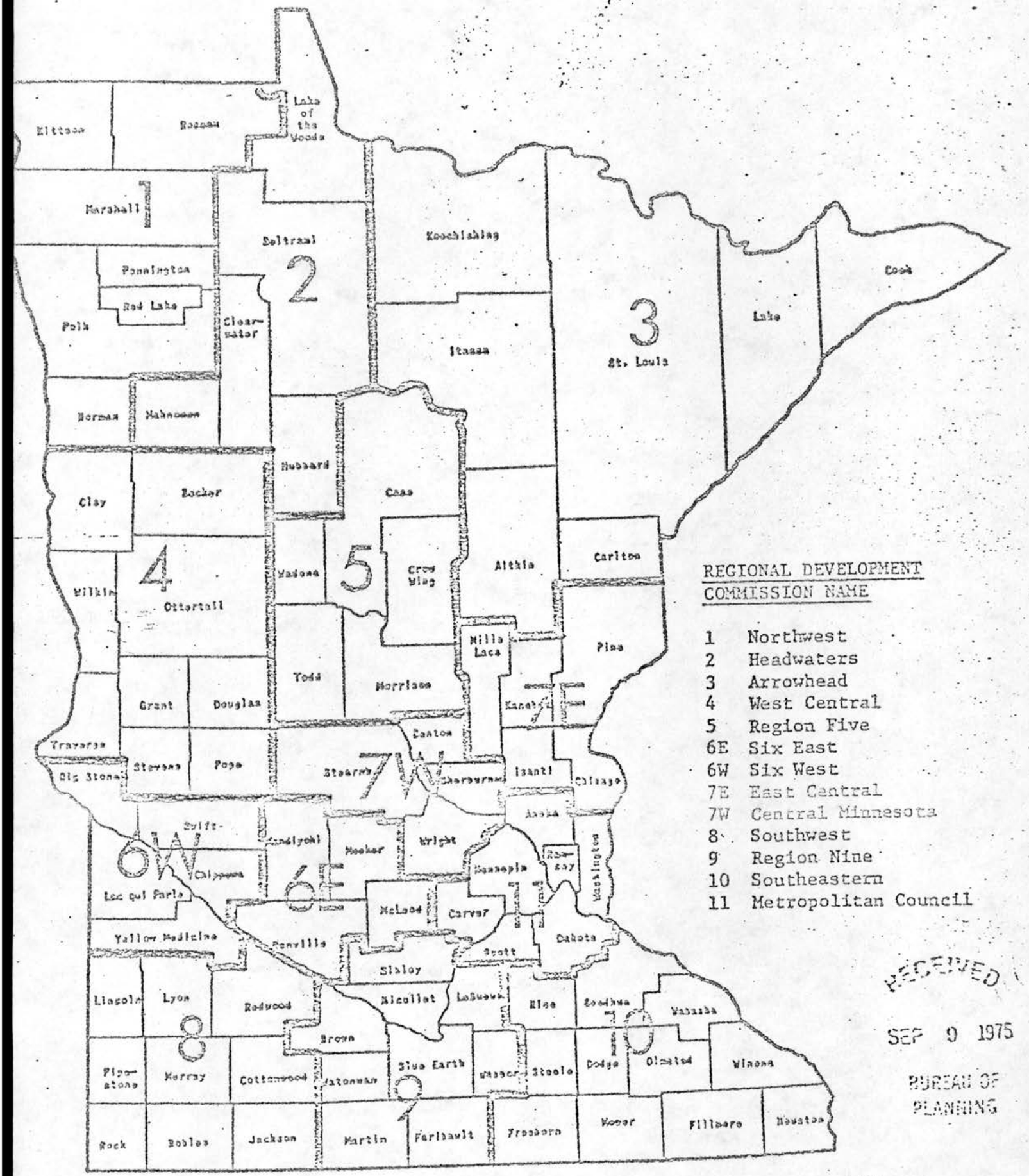
This park is managed by the Minn. Dept. of Natural Resources, Division of Parks & Recreation, Centennial Office Bldg., St. Paul, Minn. 55155.

It is proposed that trail development, an erosion control project, vegetation management, a cultural resource survey, and building rehabilitation will be completed with the assistance of the Land and Water Conservation Fund. The current estimated cost of these projects is $65,300.00.

C. Timing of the Project - State funds are available for completion of the project. All projects will be completed by the state park staff. It is necessary to start the projects as soon as possible. Presently a quarter of the construction year for this biennium has past. It is expected that all projects will be completed by July, 1979.

D. Future Development - A draft management plan for Scenic State Park has been completed. This draft is subject to future revisions but it does indicate the direction that development will be taking in Scenic State Park. The future development projects are: campground restoration, utility work, primitive vehicular campgrounds, walk-in/boat-in campsites, interpretive/trails center, trail development, road work and boundary surveying and signing. This development work will be completed over a ten year time period.

E. Recreation Needs to be Served by the Proposal - Scenic State Park is located within the Arrowhead Economic Development Region, a seven county area in the Northeastern corner of Minnesota. (Map 4) The 1974 Minnesota State Comprehensive Outdoor Recreation



REGIONAL DEVELOPMENT COMMISSION NAME

1	Northwest
2	Headwaters
3	Arrowhead
4	West Central
5	Region Five
6E	Six East
6W	Six West
7E	East Central
7W	Central Minnesota
8	Southwest
9	Region Nine
10	Southeastern
11	Metropolitan Council

State Planning Agency
Office of Local & Urban Affairs
9/30/74

Plan identified existing recreational Plan identified existing recreational facilities within the region and make the following projections concerning their use:

	Existing	Projected		
	1974	1975	1980	1990
Picnic Tables	2,185	-1,321	-1,470	-1,762
Camping Sites	7,191	- 790	-2,487	-5,527
Hiking Trails (mi.)	760	+ 438		
Snowmobile Trails (mi.)	1,632	- 274		

Scenic State Park is located in a high use recreation area. The proximity of this park to Voyageur's National Park will probably increase the park's use. The anticipated future increases in levels of mobility and leisure time of the Twin Cities and Duluth's urban populations will contribute to this regions future large projected facility deficits.

Year	Tourist Camp	Day Visitors	Total Visitors
1966	26,380	37,940	63,424
1970	27,515	37,478	64,993
1972	30,541	41,525	72,066
1974	21,093	27,465	48,258
1975	21,227	16,218	37,639
1976	13,595	33,431	47,845

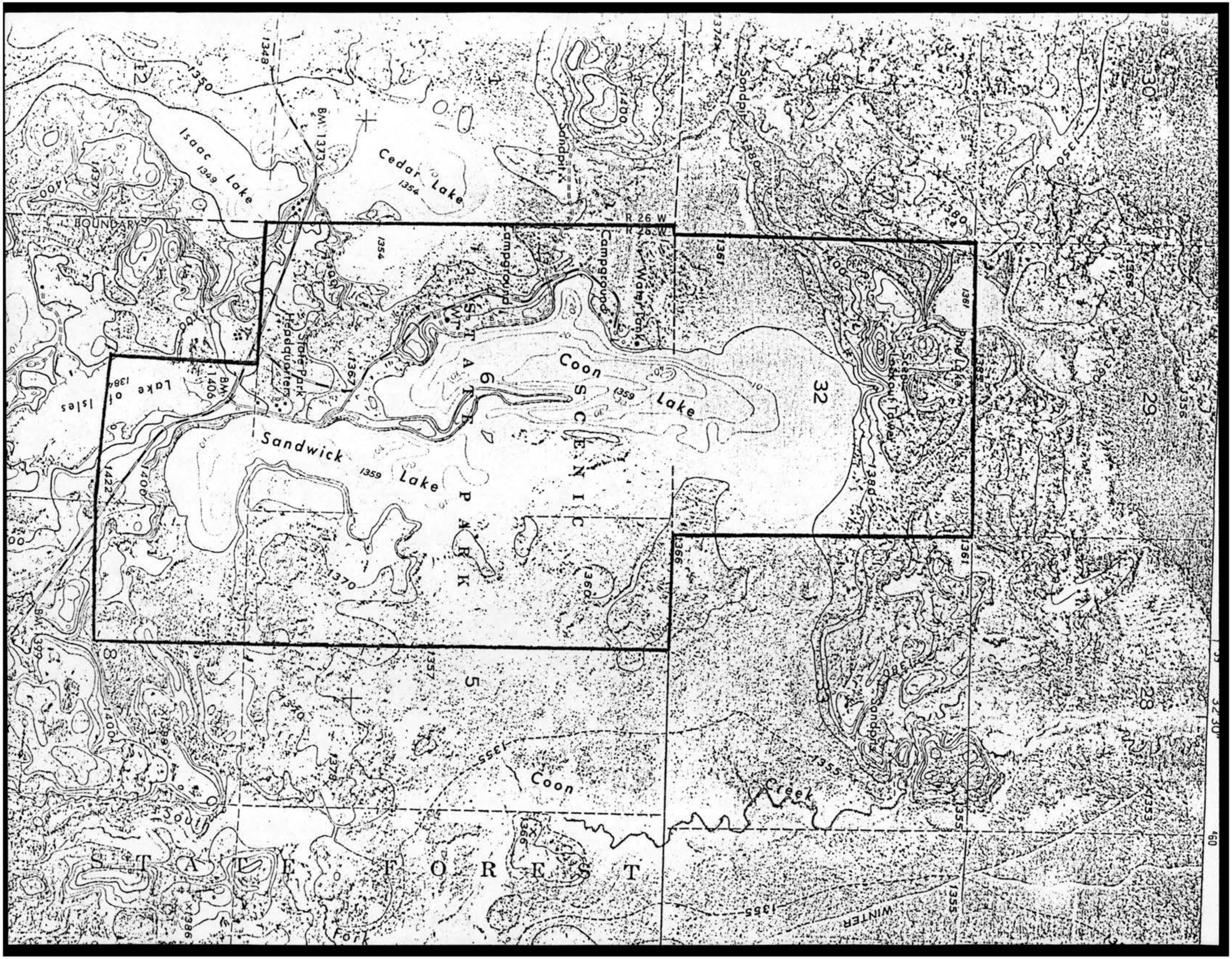
It seems most likely that such attendance will continue in the future. Because of such use, and because of the projected facility deficits, completion of the project is necessary to meet expected increased recreational use within the park and

to help offset projected facility deficits within the region.

II. DESCRIPTION OF THE ENVIRONMENT

A. Topography - Scenic State Park consists of 1,632 acres of rolling moraine topography. The park has 645 acres of lake surface area. This park is a fine example of the landforms and vegetation that was present in Minnesota when the fur traders and early explorers came through the area. (Map 5)

B. Soils - Soils within the park vary quite widely. They range from the Swarara series to Cathro Peat. The park has seven soil types; they are the Swatara, Crosswell, Kinghurst, Bramble, Grygla, Rifle Peat, and Cathro Peat. The Swatara series consists of nearly level to gently sloping, excessively drained soils formed in sandy glacial drift under a mixed coniferous- deciduous forest. The Crosswell series consists of moderately well drained soils with a sandy surface layer over acid sands. The Rifle series are poor drained soils, formed primarily in herbaceous organic deposits, more than 51" thick. The Cathro series consists of very poorly drained soils formed in deposits of herbaceous organic material, 16 to 51 inches thick, over loamy mineral soils. The Kinghurst series is a moderately deep, coarse textured, rapidly permeable material, overlying moderately coarse textured, moderately rapidly permeable glacial till. Bramble series are deep, moderately light colored, poorly drained soils. Grygla series consists of nearly level, poorly drained soils, formed in lake laid fine sands over loam till. Development in the park



Isaac Lake
1349
Cedar Lake
1354
BM 1373
BOUNDARY
R 26 W
Campground
Campground
Water Tank
Sandpit
State Park Headquarters
Lake of Isles
1384
BM
1406
Coon Lake
1359
Sandwick Lake
1359
SCENIC
STATE PARK
Lookout Tower
32
29
28
30
6
5
8
1370
Coon
Creek
South
Fork
STATE FOREST
WINTER
1355

will take into account the characteristics of these soils.

C. Climate - Mean January temperatures average 16°F of maximum and -10°F of minimum. Total annual precipitation averages 26" with 27% of this total occurring as 70" of snowfall.

D. Water Resources - Major surficial water resources within the park consists of Coon, Sandwick, Lake of the Isle, Pine, Tell, Isaac and Cedar Lakes. Coon, Sandwick and Tell are completely protected by the park.

E. Minerals - No known economic concentrations of mineral resources are known to occur within the park.

F. Flora - The vegetation of the park consists mainly of three vegetation types. The most important vegetation type is the red and white pine stands. Areas within the red and white pine stands has a significant variation in age class distribution to insure the continued presence of these species in the park. The other upland type is Aspen-Birch. This type makes up a large component of the upland area. It occurs in a substantial amount of the pine type. This type is relatively old; it has begun to fall apart. If this type is to be continued in the park it will have to be managed. The final type is Black Spruce and Tamarack. It is located in most of the low areas. Because of high winds that have occurred over the last few years, some of these areas have extensive wind throw damage. This type should maintain itself.

G. Fauna - Lists of the many species of fauna which may utilize the various park habitats either as permanent or seasonal during periods of migration, or only as occasional visitants, would be quite lengthy.

A list of mammals would include such species as the white-tailed deer, timber wolf, snowshoe rabbit, red squirrels, porcupines, bobcat, lynx, coyote, beaver, fisher and mink. Also included here would be several species of insectivores and rodent types of mammals.

The Avian list includes a wide variety of species. A few noteworthy species are the common loon, osprey, bald eagle, ruffed grouse, american kestrel, and several species of Avian predators and a variety of the smaller Passeriform species.

Species belonging to three major faunal classes (fishes, amphibians and reptiles) include walleye pike, northern pike, bass, and other panfish. Amphibians and reptiles include common snapping turtle, Western Painted Turtle, Eastern Garter Snake, Northern Leopard Flog and the American Toad. The timber wolf is the only endangered species present.

H. Historical and Archaeological Resources - Resource data in this area is lacking. A complete survey of the affected areas needs to be completed.

I. Transportation and Utilities - Vehicular access into the area and into the park and its facilities is easily obtained via the existing primary and secondary highway system. The major access route is county state aid highway 7. The area is served by several state highways 6, 38, 65 and 169. These are major north-south highways serving the area. U.S. Highway 2 and Trunk Highway 1 provide east-west access through the area. Public transportation is not available as a means of access to Scenic State Park.

J. Socio-Economic Factors - The 48,000 annual visitors will be better served and their use and enjoyment of the park will increase. There will be an increase of tourist income locally as well as wages and the purchases of building materials.

K. Land Use - The project site is in an area used for recreation purposes.

L. Existing Recreational Facilities - Developed facilities currently available within the park includes: Two campgrounds, picnic area, swimming beach, hiking and multiple use trails.

III. ENVIRONMENTAL IMPACT OF THE PROPOSED PROJECT

A. Impact on the physical and biological environment

1. Vegetation Management: This group of management practices is designed to have an impact on a specific area. The types of practices that will be undertaken included selec-

tive cutting, prescribed burning and chemical treatment of openings for wildlife. Each of these practices are used to enhance specific objectives in the maintenance of the area's cover type. Burning and cutting will be used to increase pine reproduction and encourage an intermediate component of pine for replacing the old growth structure. In a number of areas prescribed burning of small tracts of black spruce and cedar will be used to regenerate white cedar; this is mainly for deer yard management.

2. Trail Development: The trail corridors will be laid out to minimize the effect on the physical and biological environment. The trails will have an impact on a strip of vegetation that will be removed; this will be four feet wide for hiking and cross country ski trails and a eight feet wide for hiking and cross country ski trails and a eight feet wide for a multiple use trail. All woody vegetation in the trail treadway will be removed. Non-noxious herbaceous materials will be allowed, but not encouraged to grow on the treadway. The impact on the vegetation in the treadway will be for the most part removal of it. There will be minimum amounts of compaction and erosion on the treadway surface and adjacent area.

3. Building Rehabilitation: All rehabilitation projects deal with the remodeling of building interiors. The only impact may be a minor impact around the existing buildings. The impacts will be repaired and vegetation restored to pre-rehab conditions.

4. Cultural Resources Survey: This survey will have a minimal impact from the sampling procedures.

B. Impact on Historical and Archaeological Resources - The cultural resource survey will be examining this aspect. If any development is to occur on/or have an impact on cultural sites, the development will be changed.

C. Impact on Transportation and Utilities - Neither the major roadways to the area of the secondary roads providing access to the park will be impacted by the proposals.

D. Impact on Socio-Economic Factors - Since all of the land on or near the project site has already been acquired, no loss from the local tax revenue, or from agricultural production will occur. Beneficial impacts on the local economy will be realized. This will result from the local workers being hired to build the development.

E. Impact on Land Use - Since the development site is in an area being used for recreational purposes, the project proposal is compatible with present usage.

SF-00006-01

STATE OF MINNESOTA

Office Memorandum

DEPARTMENT of Natural Resources
Region II Headquarters
Grand Rapids, MN 55744

TO : Frank Knoke
Environmental Specialist

DATE: 12-8-80

FROM : Ray Newman
Resource Coordinator

PHONE: 218-326-0311 Ext 317

SUBJECT: Dwarf Mistletoe Problem, Scenic State Park

As you know I have recently been involved with assessments on a dwarf mistletoe infested black spruce stand at Scenic State Park. From aerial photo interpretation and ground checks I have located nineteen separate areas of mortality, many of which present the characteristic "donut" aspect of established mistletoe infestations. By comparison of aerial photos from 1947, 1959 and 1975 I believe I have been able to trace a spread of over three feet per year into the uninfected portions of the stand. Unchecked, this represents a considerable loss of the black spruce component of the park. I think it's time we considered management alternatives and would like to submit the following summary and recommendations for your consideration.

RN:cmr

Enc.

DESCRIPTION OF AREA

The stand covers approximately 53 acres of the East ½ of the NE¼, Sec. 6, T 60 N, R 25 W (Fig. 1 and 2). The east boundary of Section 6 is considered to be the artificial east edge of the stand and all the upland portion near Coon Lake is excluded (Fig. 2). Also included is approximately 6 acres of dead spruce (mistletoe killed) in the NW portion of the stand near the lake.

The stand is mainly black spruce with a few cedar on the north side and a few tamarack on the east. Shrub associates are willow (Salix sp.), bog birch (Betula pumila) and alder (Alnus rugosa), none of which have high densities. Low shrub components include Labrador tea (Ledum groenlandicum), bog rosemary (Andromeda glaucophylla), leatherleaf (Chamaedaphne calyculata), and small cranberry (Vaccinium Oxycoccos). I have not looked at the area during the growing season for presence of herbs. Mosses are primarily Sphagnum sp.

The areas of mortality generally have good black spruce regeneration starting from the center progressing outward. Unfortunately they are almost all re-infected. On the outer edges of each area of mortality virtually every tree has one to several brooms. Moving out into the uninfected portion one has to go at least 2-3 chains before no brooms are present.

METHODS

To determine the spread of the infection over several years I compared aerial photos from 1947, 1959 and 1975. The 1947 photos showed 8 visible areas of mortality with an average diameter of 76 feet. By 1959, 17 areas of mortality with an average diameter of 97 feet were evident. The 1975 photos (Fig. 3) show that by then many of these areas of mortality had converged, particularly on the NE portion of the stand, making it impossible to separate the centers. The average diameter of the 19 centers of mortality that I was able to discern was 133 feet. Using the diameter figures I was able to determine an average rate of spread of over 3 feet per year.

Plots in the uninfected portions of the stand show the following:

Average cords/acre	=	11	range	7.7 → 17.5
Average basal area	=	160	range	110 → 270
Average Age	=	114	range	90 → 138
Average Height	=	40 Ft.	range	36 → 47
Average DBH	=	5.7	range	5.0 → 8.0
Site Index	=	27	range	24 → 31

DISCUSSION AND RECOMMENDATIONS

Forestry practices have varied with respect to management of drawf mistletoe over the past few years. Generally a clear cut of the infected area with a 1-2 chain isolation strip to be cut in the uninfected portion of the stand is recommended. (North Central Experiment Station, 1976). It is essential to remove all trees within the cut because any standing infected trees will eventually reinfect the regeneration.

The contractor should be required to remove all trees over 5 feet tall, and this should be strictly enforced. Hand crews will probably be needed to remove residual stems unless a good burn can be accomplished. Broadcast burning of slash on the clear cut should help remove any living trees and prepare the sphagnum seedbed.

Once the site has been prepared it should be direct seeded, following the recommendations of DNR Forestry. Once a final plan has been discussed I would like to turn this over to Link Lake Forestry so they can find a contractor. Potential access routes are shown on Fig. 2. The alternate access will require an easement from Itasca County.

Literature Cited

North Central Experiment Station. 1977. Johnston, Wm. F. Manager's Handbook for Black Spruce in the North Central States USDA For. Serv. Gen. Tech. Rep. NC-34 St. Paul, Minn. 18 p. illus.

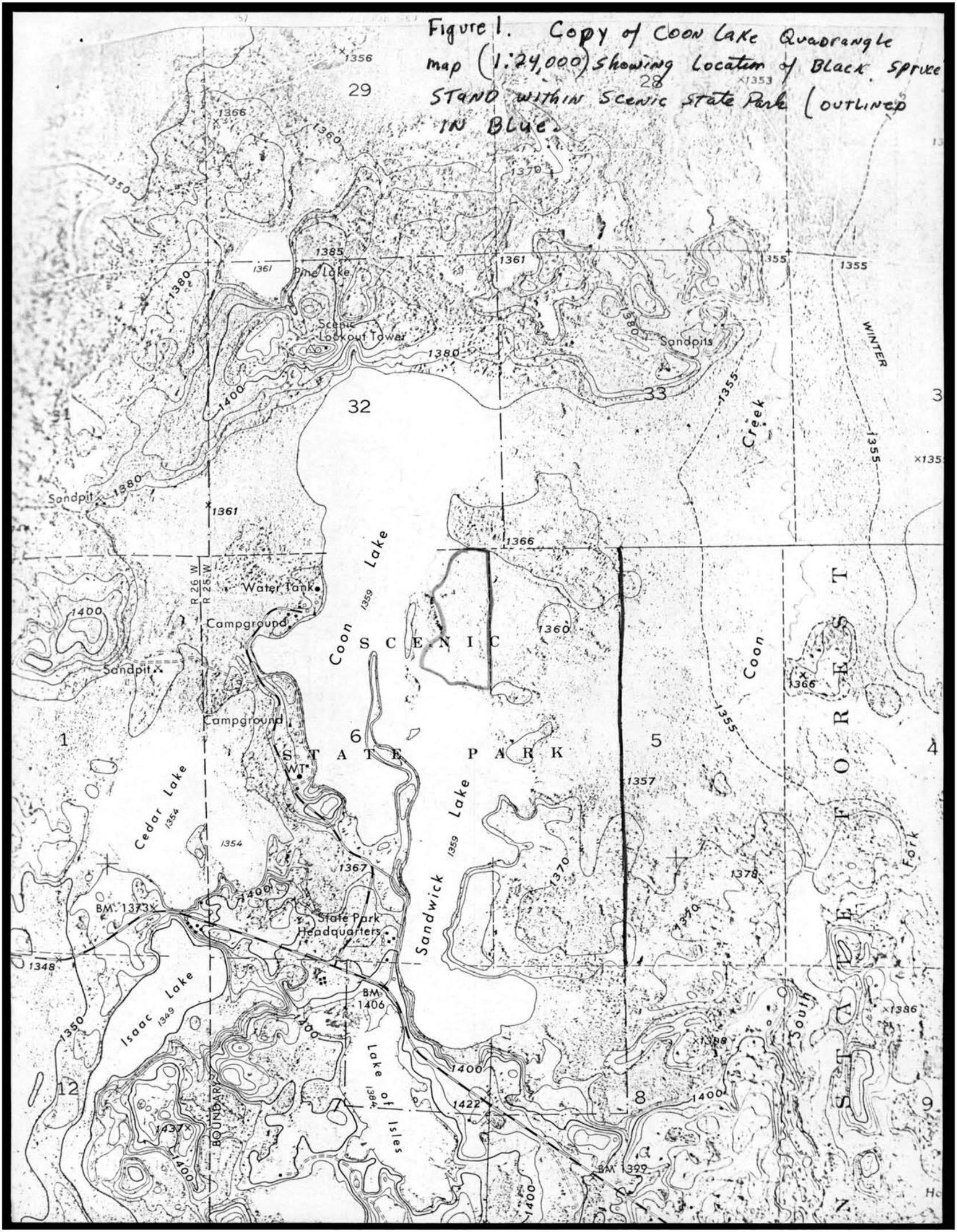


Figure 1. Copy of Coon Lake Quadrangle map (1:24,000) showing Location of Black Spruce STAND WITHIN Scenic State Park (OUTLINED IN Blue.

Figure 2.

Photo # ITA-2-221 - Showing Dwarf Mistletoe infected Area (Red Bars), Healthy Black Spruce (outlined in Blue) and Surrounding Types. Also shown are two possible routes of Access to the Site.

Fig. 3 Photo # ITA-2-221, showing proposed management area (outlined in blue) as well as 19 infection centers (red).

Scale = 1:15,840 1 inch = ¼ mile

winter
best time to cut

---

no chance of spread
seeds must be on living
trees

15 cord

$4885

400 cords in 75

1/2 stand 420 cords in next ten 85

$2600 loss in next 5 years

~~75 182 cords in mortality~~

~~85 315~~

1947 8 centers

82
1
106

1975 151

47 33
35
↓ 125
75

19 centers in 19

Minnesota
Environmental Quality Board
100 Capitol Square Building
550 Cedar Street
St. Paul, Minnesota 55101
Phone (612) 296-9031

February 28, 1980

Frank Knoke
Department of Natural Resources
Office of Planning
Box 10(C), Centennial Building
St. Paul, MN 55155

RE: Scenic State Park

Dear Mr. Knoke:

The 30-day review period for the environmental assessment worksheet (EAW) on the above project ended on February 27, 1980. No objections to the EAW's determination that no environmental impact statement (EIS) is needed on the project were received. Therefore, the decision stands.

Final actions to approve or commence the project can now be undertaken.

Sincerely,

Jason Jentzsch, Staff
Environmental Quality Board

JJ/dh

cc: Department of Natural Resources, Division of Parks and Recreation - Grand Rapids

Ingvaldson
Kvels
Raab
Ray Newman

ADMIN. 1000A (REV. 8/76)

STATE OF MINNESOTA

Office Memorandum

DEPARTMENT Natural Resources

TO : Frank Knoke

DATE: 19 Dec 79

FROM : Ray Newman

PHONE: 326-0311 Ext 317

SUBJECT: Sanitation Cut, Scenic State Park

As per our telephone conversation I am enclosing the EAW on the black spruce cut at Scenic. I got a bit carried away filling out the form and started to complete the NOTICE of findings section. Oh well.

Let me know if there is a problem. We will be taking Photos of the area soon.

Ray

2/8/77

MINNESOTA ENVIRONMENTAL QUALITY COUNCIL
ENVIRONMENTAL ASSESSMENT WORKSHEET (EAW)
AND NOTICE OF FINDINGS

DO NOT WRITE IN THIS SPACE
E.R. # _____

NOTE: The purpose of the Environmental Assessment Worksheet (EAW) is to provide information on a project so that one can assess rapidly whether or not the project requires an Environmental Impact Statement. Attach additional pages, charts, maps, etc, as needed to answer these questions. Your answers should be as specific as possible. Indicate which answers are estimated.

I. SUMMARY

A. ACTIVITY FINDING BY RESPONSIBLE AGENCY (PERSON)

☐ Negative Declaration (No EIS) ☐ EIS Preparation Notice (EIS Required)

B. ACTIVITY IDENTIFICATION

1. Project name or title VEGETATION MGT. ~~Salvage on Spruce Blowdown and Replanting~~

2. Project proposer(s) Dept. Nat. Res., Div. of Parks & Rec.

Address DNR REGION II, BOX 388 Highway 2, Grand Rapids MN 55744

Telephone Number and Area Code (218) 326-0311 EXT. 317

3. Responsible Agency or Person DNR, Office of Planning

Address Box 10(c), Centennial Bld. St. Paul MN 55155

Person in Responsible Agency (Person) to contact for further information on this EAW: ~~Same as above~~ FRANK KNOKE DIV. P&L Telephone 612-296-6226

4. This EAW and other supporting documentation are available for public inspection and/or copying at: Location 2nd floor Space Center address above

Telephone 612-296-6226 Hours 8:00 → 4:30

5. Reason for EAW Preparation

☒ Mandatory Category -cite MEQC Rule number(s) ~~MEQC-24-B-1-Z~~ 6MCAR 3.024 B.1.Z ☐ Petition ☐ Other

C. ACTIVITY DESCRIPTION SUMMARY

1. Project location

County ITASCA City/Township name UNORGANIZED

Township number 60 (North), Range Number 25 East or West (circle one),

Section number(s) 5 Street address (if in city) or legal description:

GOV LOT 12

2. Type and scope of proposed project:

3. Estimated starting date (month/year) WINTER 1980

4. Estimated completion date (month/year) WINTER 1980

5. Estimated construction cost —

6. List any federal funding involved and known permits or approvals needed from each unit of government and status of each:

Unit of Government (federal, state, regional, local)	Name or Type of Permit/Approval or Federal Funding	Status
MDNR	INFORMAL TIMBER SALE PERMIT	TO BE APPLIED FOR
MPCA	BURNING PERMIT	TO BE APPLIED FOR

7. If federal permits, funding or approvals are involved, will a federal EIS be prepared under the National Environmental Policy Act? ✓ NO ___ YES ___ UNKNOWN

II. ACTIVITY DESCRIPTION

A. Include the following maps or drawings:
1. A map showing the regional location of the project.
2. An original 8½ x 11 section of a U.S.G.S. 7½ minute, 1:24,000 scale map with the activity or project area boundaries and site layout delineated. Indicate quadrangle sheet name. (Original U.S.G.S. sheet must be maintained by Responsible Agency; legible copies may be supplied to other EAW distribution points.)
3. A sketch map of the site showing location of structures and including significant natural features (water bodies, roads, etc).
4. Current photos of the site must be maintained by the Responsible Agency. Photos need not be sent to other distribution points.

B. Present land use.
1. Briefly describe the present use of the site and lands adjacent to the site.

The project site is used for passive recreation.
The ajacent lands are used for timber production

2. Indicate the approximate acreages of the site that are:

a. Urban developed ___ acres	f. Wetlands (Type III, IV, V) ___ acres
b. Urban vacant ___ acres	g. Shoreland ___ acres
c. Rural developed ___ acres	h. Floodplain ___ acres
d. Rural vacant ___ acres	i. Cropland/Pasture land ___ acres
e. Designated Recreation/Open Space ___ acres	j. Forested 10 acres

1632

C.1. The project involves a salvage timber sale, slash burning and re planting the site to black spruce. The project will eliminate the potential for a decease or insect out break which could destroy the ajoining ~~stands~~ of black spruce.

The equipment ~~needed~~ required for this project will consist of ~~a~~ chain saws, skidder, and a logging truck.

3. List names and sizes of lakes, rivers and streams on or near the site, particularly lakes within 1,000 feet and rivers and streams within 300 feet.

Sandwick Lake ½ mile Away; No rivers or streams

C. Activity Description

1. Describe the proposed activity, including staging of development (if any), operational characteristics, and major types of equipment and/or processes to be used. Include data that would indicate the magnitude of the proposed activity (e.g. rate of production, number of customers, tons of raw materials, etc).

Project involves the removal for salvage and sanitation purposes of approximately 10 acres of Black Spruce Blowdown and subsequent replanting to Black Spruce. It estimate that 80% of the total volume of the stand is down and the remaining 20% will soon follow. All salvagable timber will be removed from the site and the remaining windrowed and burned. Following necessary site preperation the area will be reseeded with Black spruce. Equipment necessary includes chainsaws, small skidder with power take off and small cat

2. Fill in the following where applicable:

a. Total project area or Length	10 acres ½ miles 110 yds wide	g. Size of marina and access channel (water area)	— sq. ft.
b. Number of housing or recreational units	—	h. Vehicular traffic trips generated per day	— ADT
c. Height of structures	— ft.	i. Number of employees	—
d. Number of parking spaces	—	j. Water supply needed Source:	— gal/da
e. Amount of dredging	— cu. yd.	k. Solid waste requiring disposal	— tons/yr
f. Liquid wastes requiring treatment	— gal/da	l. Commercial, retail or industrial floor space	— sq. ft.

III. ASSESSMENT OF POTENTIAL ENVIRONMENTAL IMPACT

A. SOILS AND TOPOGRAPHY

1. Will the project be built in an area with slopes currently exceeding 12%? X No ___ Yes

2. Are there other geologically unstable areas involved in the project, such as fault zones, shrink-swell soils, peatlands, or sinkholes? ___ NO X YES

3. If yes on 1 or 2, describe slope conditions or unstable area and any measures to be used to reduce potential adverse impacts.

Peatlands in question are shallow peat underlain by mineral soil - Project will take place in winter to minimize damage.

4. Indicate suitability of site soils for foundations, individual septic systems, and ditching, if these are included in the project.

N/A

N/A

5. Estimate the total amount of grading and filling which will be done:
_____cu. yd. grading _____ cu. yd. filling
What percent of the site will be so altered? N/A _____%

N/A

6. What will be the maximum finished slopes? N/A _____%

7. What steps will be taken to minimize soil erosion during and after construction?
PROJECT WILL BE DONE WHEN GROUND IS FROZEN

B. VEGETATION

1. Approximately what percent of the site is in each of the following vegetative types:

Woodland	100 %	Cropland/ Pasture	_____%
Brush or shrubs	_____%	Marsh	_____%
Grass or herbaceous	_____%	Other (Specify)	_____%

2. How many acres of forest or woodland will be cleared, if any? 10 acres

3. Are there any rare or endangered plant species or areas of unique botanical or biological significance on the site? (See DNR publication The Uncommon Ones.) X NO ____YES
If yes, list the species or area and indicate any measures to be used to reduce potential adverse impact.

C. FISH AND WILDLIFE

1. Are there any designated federal, state or local wildlife or fish management areas or sanctuaries near or adjacent to the site? X NO ___YES

2. Are there any known rare or endangered species of fish and wildlife on or near the site? (See DNR publication The Uncommon Ones.) X NO ___YES

3. Will the project alter or eliminate wildlife or fish habitat? X NO ___YES

4. If yes on any of questions 1-3, list the area, species or habitat, and indicate any measures to be used to reduce potential adverse impact on them.

D. HYDROLOGY

1. Will the project include any of the following:
If yes, describe type of work and mitigative measures to reduce adverse impacts.

	NO	YES
a. Drainage or alteration of any lake, pond, marsh, lowland or groundwater supply	X	
b. Shore protection works, dams, or dikes	X	
c. Dredging or filling operations	X	
d. Channel modifications or diversions	X	
e. Appropriation of ground and/or surface water	X	
f. Other changes in the course, current or cross-section of water bodies on or near the site	X	

2. What percent of the area will be converted to new impervious surface? — %

3. What measures will be taken to reduce the volume of surface water run-off and/or treat it to reduce pollutants (sediment, oil, gas, etc.)?

—

4. Will there be encroachment into the regional (100 year) floodplain by new fill or structures? X NO ___ YES

If yes, does it conform to the local floodplain ordinance? ___ NO ___ YES

5. What is the approximate minimum depth to groundwater on the site? 1 — feet

E. WATER QUALITY

1. Will there be a discharge of process or cooling water, sanitary sewage or other waste waters to any water body or to groundwater? X NO ___ YES
If yes, specify the volume, the concentration of pollutants and the water body receiving the effluent.

2. If discharge of waste water to the municipal treatment system is planned, identify any toxic, corrosive or unusual pollutants in the wastewater.

N/A

3. Will any sludges be generated by the proposed project? N/A NO ___ YES
If yes, specify the expected volume, chemical composition and method of disposal.

4. What measures will be used to minimize the volumes or impacts identified in questions 1-3?

N/A

5. If the project is or includes a landfill, attach information on soil profile, depth to water table, and proposed depth of disposal. N/A

F. AIR QUALITY AND NOISE

1. Will the activity cause the emission of any gases and/or particulates into the atmosphere? ____NO __X__ YES
If yes, specify the type and origin of these emissions, indicate any emission control devices or measures to be used, and specify the approximate amounts for each emission (at the source) both with and without the emission control measures or devices.

Running Chainsaws and small Logging equipment

The nearest house is 1 mile away

2. Will noise or vibration be generated by construction and/or operation of the project? ____NO __X__ YES
If yes, describe the noise source(s); specify decibel levels [dB(A)], and duration (hrs/da) for each and any mitigative measures to reduce the noise/vibration.

Chainsaws

Noise Not a problem

3. If yes on 1 or 2, specify whether any areas sensitive to noise or reduced air quality-(hospitals, elderly housing, wilderness, wildlife areas, residential developments, etc.) are in the affected area and give distance from source.

—

G. LAND RESOURCE CONSERVATION, ENERGY

1. Is any of the site suitable for agricultural or forestry production or currently in such use? ____NO __X__ YES
If yes, specify the acreage involved, type and volume of marketable crop or wood produced and the quality of the land for such use.

10 acres of Black Spruce aprox 200 Cords

The land is consided a good black spruce site.

2. Are there any known mineral or peat deposits on the site? ~~__X__~~ NO __X__ YES
If yes, specify the type of deposit and the acreage.

Peat, The whole ten acres has a thin layer of peat over mineral soil

3. Will the project result in an increased energy demand? X NO ____ YES
Complete the following as applicable:

a. Energy requirements (oil, electricity, gas, coal, solar, etc.)

Type	Estimated Annual Requirement	Peak Demand (Hourly or Daily) Summer	Peak Demand (Hourly or Daily) Winter	Anticipated Supplier	Firm Contract or Interruptible Basis?

b. Estimate the capacity of all proposed on-site fuel storage.

N/A

c. Estimate annual energy distribution for:

space heating _____ % lighting _____ %

N/A

air conditioning _____ % processing _____ %

ventilation _____ %

d. Specify any major energy conservation systems and/or equipment incorporated into this project.

N/A

e. What secondary energy use effects may result from this project (e.g. more or longer car trips, induced housing or businesses, etc)?

N/A

H. OPEN SPACE/RECREATION

1. Are there any designated federal, state, county or local recreation or open space areas near the site (including wild and scenic rivers, trails, lake accesses)? ____ NO X YES
If yes, list areas by name and explain how each may be affected by the project. Indicate any measures to be used to reduce adverse impacts.

Scenic STATE park

Work will be completed during season of ~~no tourist use~~ Low use (WINTER)

H. TRANSPORTATION

1. Will the project affect any existing or proposed transportation systems (highway, railroad, water, airport, etc)? X NO ____ YES
If yes, specify which part(s) of the system(s) will be affected. For these, specify existing use and capacities, average traffic speed and percentage of truck traffic (if highway); and indicate how they will be affected by the project (e.g. congestion, percentage of truck traffic, safety, increased traffic (ADT), access requirements).

N/A

2. Is mass transit available to the site? ____ NO ____ YES

3. What measures, including transit and paratransit services, are planned to reduce adverse impacts?

N/A

J. PLANNING, LAND USE, COMMUNITY SERVICES

1. Is the project consistent with local and/or regional comprehensive plans? ____ NO X YES
If not, explain:

Project follows management plan for Scenic State Park

If a zoning change or special use permit is necessary, indicate existing zoning and change requested.

N/A

2. Will the type or height of the project conflict with the character of the existing neighborhood? ____ NO ____ YES
If yes, explain and describe any measures to be used to reduce conflicts.

N/A

3. How many employees will move into the area to be near the project? 0
How much new housing will be needed? 0

4. Will the project induce development nearby--either support services or similar developments? No.
If yes, explain type of development and specify any other counties and municipalities affected.

5. Is there sufficient capacity in the following public services to handle the project and any associated growth?

Public Service	Amount required for project		Sufficient capacity?
water		gal/da	N/A
wastewater treatment		gal/da	
sewer		feet	
schools		pupils	
solid waste disposal		ton/mo	
streets		miles	
other (police, fire, etc)			

If current major public facilities are not adequate, do existing local plans call for expansion, or is expansion necessary strictly for this one project and its associated impacts?

6. Is the project within a proposed or designated Critical Area or part of a Related Actions EIS or other environmentally sensitive plan or program reviewed by the EQC? ✓ NO ___ YES
If yes, specify which area or plan.

7. Will the project involve the use, transportation, storage, release or disposal of potentially hazardous or toxic liquids, solids on gaseous substances such as pesticides, radioactive wastes, poisions, etc? ✓ NO ___ YES
If yes, please specify the substance and rate of usage and any measures to be taken to minimize adverse environmental impacts from accidents.

8. When the project has served its useful life, will retirement of the facility require special measures or plans? _____NO _____YES
If yes, specify:

N/A

K. HISTORIC RESOURCES

1. Are there any structures on the site older than 50 years or on federal or state historical registers? X NO ____YES

2. Have any arrowheads, pottery or other evidence of prehistoric or early settlement been found on the site? X NO ____YES
Might any known archaeologic or paleontological sites be affected by the activity? X NO ____YES

3. List any site or structure identified in 1 and 2 and explain any impact on them.

L. OTHER ENVIRONMENTAL CONCERNS
Describe any other major environmental effects which may not have been identified in the previous sections.

Project is a standard wood salvage operation. The only difference is it is within the boundary of a state park. Entire area will be reseeded to black spruce

III. OTHER MITIGATIVE MEASURES
Briefly describe mitigative measures proposed to reduce or eliminate potential adverse impacts that have not been described before.

Logging contract regulations and restoration see addendum

V. FINDINGS

The project is a private ( ) governmental (✓) action. The Responsible Agency (Person), after consideration of the information in this EAW, and the factors in Minn. Reg. MEQC 25, makes the following findings.

1. The project is ( ) is not (✓) a major action.
   State reasons:
   The project will impact less than 1% of the park
   The project follows legislative park management guidelines as set in the 1975 ORA.
   There will be no growth or development as a result of the project.

2. The project does ( ) does not (✓) have the potential for significant environmental effects.
   State reasons:
   The project will not change the use of the area. The project will result in reforestation of the area to the same species.

3. (For private actions only.) The project is ( ) is not ( ) of more than local significance.
   State Reasons:

IV. CONCLUSIONS AND CERTIFICATION

NOTE: A Negative Declaration or EIS Preparation Notice is not officially filed until the date of publication of the notice in the EQC Monitor section of the Minnesota State Register. Submittal of the EAW to the EQC constitutes a request for publication of notice in the EQC Monitor.

A. I, the undersigned, am either the authorized representative of the Responsible Agency or the Responsible Person identified below. Based on the above findings, the Responsible Agency (Person) makes the following conclusions. (Complete either 1 or 2).

1. ✓ NEGATIVE DECLARATION NOTICE
   No EIS is needed on this project, because the project is not a major action and/or does not have the potential for significant environmental effects and/or, for private actions only, the project is not of more than local significance.

2. ____ EIS PREPARATION NOTICE
An EIS will be prepared on this project because the project is a major action and has the potential for significant environmental effects. For private actions, the project is also of more than local significance.

a. The MEQC Rules provide that physical construction or operation of the project must stop when an EIS is required. In special circumstances, the MEQC can specifically authorize limited construction to begin or continue. If you feel there are special circumstances in this project, specify the extent of progress recommended and the reasons.

b. Date Draft EIS will be submitted: _____
(month) (day) (year)
(MEQC Rules require that the Draft EIS be submitted within 120 days of publication of the EIS Preparation Notice in the EQC Monitor. If special circumstances prevent compliance with this time limit, a written request for extension explaining the reasons for the request must be submitted to the EQC Chairman.)

c. The Draft EIS will be prepared by (list Responsible Agency(s) or Person(s)):

_____

_____ Signature

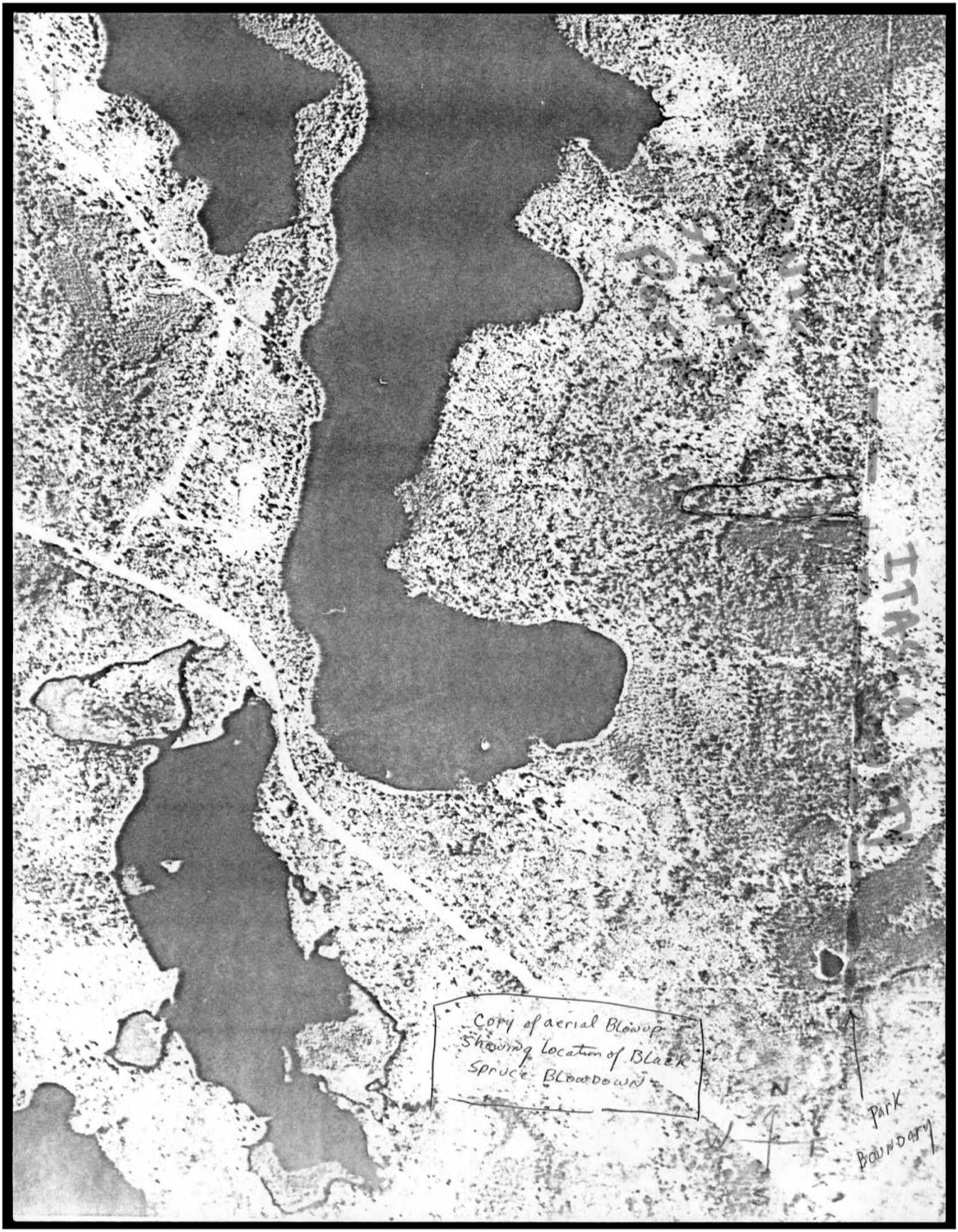
_____ Title

_____ Date

B. Attach an affidavit certifying the date that copies of this EAW were mailed to all points on the official EQC distribution list, to the city and county directly impacted, and to adjacent counties or municipalities likely to be directly impacted by the proposed action (refer to question III.J.4 on page 9 of the EAW). The affidavit need be attached only to the copy of the EAW which is sent to the EQC.

C. Billing procedures for EQC Monitor Publication

State agency ONLY: Attach to the EAW sent to the EQC a completed OSR 100 form (State Register General Order Form--available at Central Stores). For instructions, please contact your Agency's Liaison Officer to the State Register or the Office of the State Register--(612) 296-8239.


Copy of aerial Blowup
Showing location of Black
Spruce Bloodown
N
W
E
S
Park
Boundary


STATE OF MINNESOTA
DEPARTMENT OF ADMINISTRATION
Location of Black Spruce Salvage operation
Scenic State Park
Approx 10 Acres -
COON LAKE QUADRANGLE
7279 I SE
(EFFIE SE)
32'30"
Pine Lake
Scenic Lookout Tower
Sandpits
WINTER
TRAIL
Creek
Coon Lake
Water Tank
ampground
SCENIC
STATE PARK
State Park Land
Itasca County Land
Coon
Fork
South
STATE FOREST
Sandwick Lake
State Park Headquarters
BM 1406
Lake of Is
29
28
27
32
33
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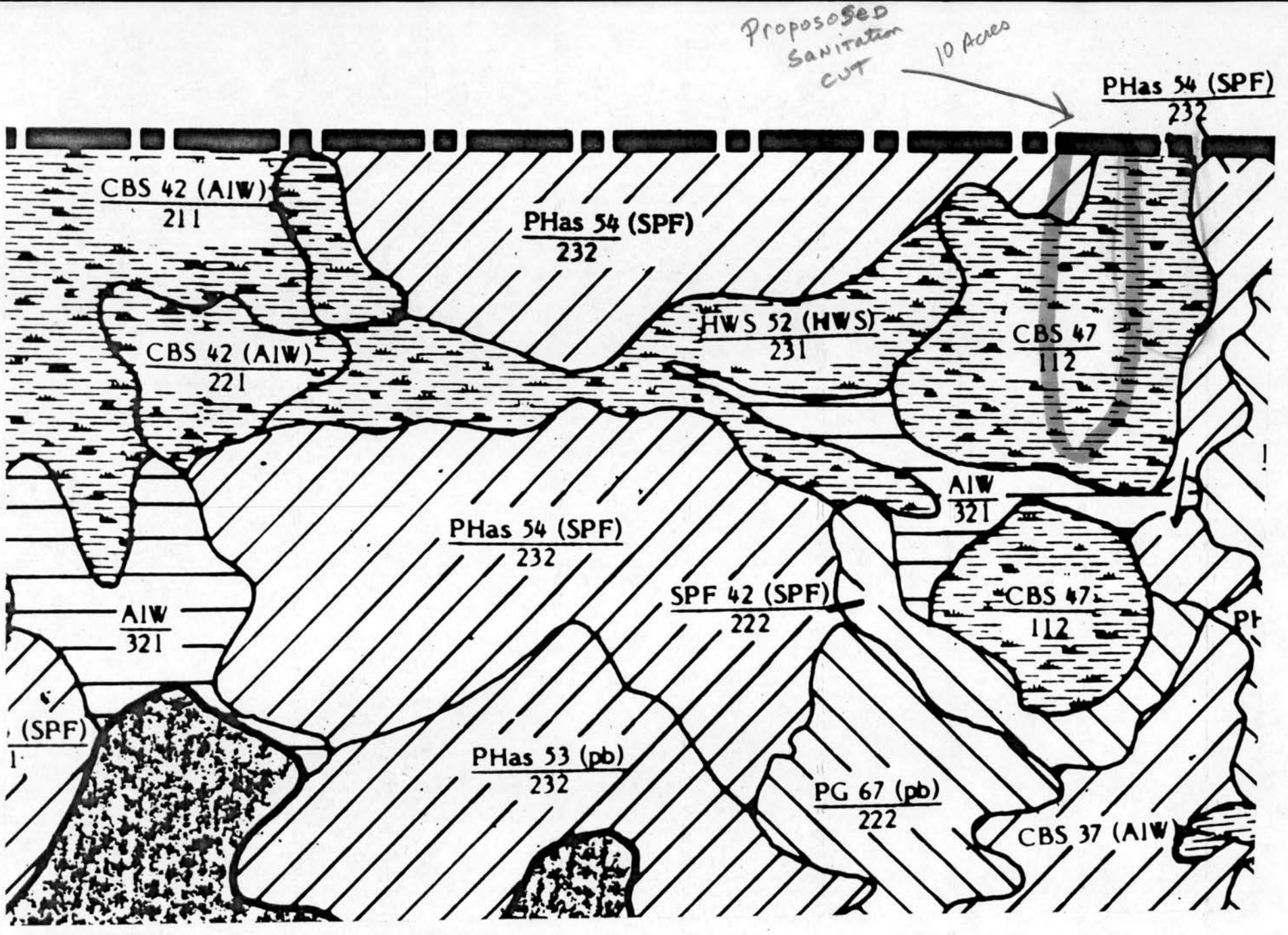

Proposed Sanitation Cut
10 Acres
PHas 54 (SPF)
232
CBS 42 (AIW)
211
PHas 54 (SPF)
232
HWS 52 (HWS)
231
CBS 47
112
CBS 42 (AIW)
221
AIW
321
PHas 54 (SPF)
232
SPF 42 (SPF)
222
CBS 47
112
AIW
321
PHas 53 (pb)
232
PG 67 (pb)
222
CBS 37 (AIW)
S.W. 1/4 Sec. V T.60-R.25

MINNESOTA ENVIRONMENTAL QUALITY COUNCIL
ENVIRONMENTAL ASSESSMENT WORKSHEET (EAW)
AND NOTICE OF FINDINGS

DO NOT WRITE IN THIS SPACE
E.R. # _____

NOTE: The purpose of the Environmental Assessment Worksheet (EAW) is to provide information on a project so that one can assess rapidly whether or not the project requires an Environmental Impact Statement. Attach additional pages, charts, maps, etc, as needed to answer these questions. Your answers should be as specific as possible. Indicate which answers are estimated.

I. SUMMARY

A. ACTIVITY FINDING BY RESPONSIBLE AGENCY (PERSON)

[X] Negative Declaration (No EIS) [ ] EIS Preparation Notice (EIS Required)

B. ACTIVITY IDENTIFICATION

1. Project name or title Scenic State Park Salvage Cutting

2. Project proposer(s) Department of Natural Resources, Division of Parks & Recreation

Address DNR Region II, Box 388 Highway 2, Grand Rapids, Mn. 55744

Telephone Number and Area Code (218) 326-0311 Extension 317

3. Responsible Agency or Person DNR Office of Planning

Address Box 10(c), Centennial Bldg., St. Paul, Mn. 55155

Person in Responsible Agency (Person) to contact for further information on this EAW: Frank Knoke, Division of Parks & Recreation Telephone 612-296-6226

4. This EAW and other supporting documentation are available for public inspection and/or copying at: Location Second Floor Space Center or above address

Telephone 612-296-6226 Hours 8:00 - 4:30

5. Reason for EAW Preparation

[XX] Mandatory Category -cite MEQC Rule number(s) 6MCAR 3.024 B.1.Z [ ] Petition [ ] Other

C. ACTIVITY DESCRIPTION SUMMARY

1. Project location

County Itasca City/Township name Unorganized

Township number 60 (North), Range Number 25 East or West (circle one),

Section number(s) 5 Street address (if in city) or legal description:

2. Type and scope of proposed project:

3. Estimated starting date (month/year) Winter 1980

4. Estimated completion date (month/year) Winter 1980

5. Estimated construction cost ----------

6. List any federal funding involved and known permits or approvals needed from each unit of government and status of each:

Unit of Government (federal, state, regional, local)	Name or Type of Permit/Approval or Federal Funding	Status
MDNR	Informal Timber Sale Permit	To be applied for
MPCA	Burning Permit	To be applied for

7. If federal permits, funding or approvals are involved, will a federal EIS be prepared under the National Environmental Policy Act? X NO ___ YES ___ UNKNOWN

II. ACTIVITY DESCRIPTION

A. Include the following maps or drawings:
1. A map showing the regional location of the project.
2. An original 8½ x 11 section of a U.S.G.S. 7½ minute, 1:24,000 scale map with the activity or project area boundaries and site layout delineated. Indicate quadrangle sheet name. (Original U.S.G.S. sheet must be maintained by Responsible Agency; legible copies may be supplied to other EAW distribution points.)
3. A sketch map of the site showing location of structures and including significant natural features (water bodies, roads, etc).
4. Current photos of the site must be maintained by the Responsible Agency. Photos need not be sent to other distribution points.

B. Present land use.
1. Briefly describe the present use of the site and lands adjacent to the site.

The project site is used for passive recreation. The adjacent lands outside the park are used for timber production.

2. Indicate the approximate acreages of the site that are:

a. Urban developed	____acres	f. Wetlands (Type III, IV, V)	____acres
b. Urban vacant	____acres	g. Shoreland	____acres
c. Rural developed	____acres	h. Floodplain	____acres
d. Rural vacant	____acres	i. Cropland/Pasture land	____acres
e. Designated Recreation/Open Space	10 acres	j. Forested	10 acres

3. List names and sizes of lakes, rivers and streams on or near the site, particularly lakes within 1,000 feet and rivers and streams within 300 feet.
Sandwick Lake 1/2 mile away, no rivers or streams
Sandwick Lake is part of Coon Lake, which has an area of 595 acres.

C. Activity Description

1. Describe the proposed activity, including staging of development (if any), operational characteristics, and major types of equipment and/or processes to be used. Include data that would indicate the magnitude of the proposed activity (e.g. rate of production, number of customers, tons of raw materials, etc).

The project involves a salvage timber sale, slash burning and replanting the site to black spruce. The project will eliminate the potential for a disease or insect outbreak which could destroy the adjoining stands of black spruce.

The equipment required for this project will consist of chain saws, skidder and a logging truck.

2. Fill in the following where applicable:

a. Total project area 10 acres
or
Length 1/2 miles
110 yards wide

b. Number of housing or recreational units _____

c. Height of structures ____ft.

d. Number of parking spaces _____

e. Amount of dredging _____cu. yd.

f. Liquid wastes requiring treatment _____gal/da

g. Size of marina and access channel (water area) ____sq. ft.

h. Vehicular traffic trips generated per day ____ADT

i. Number of employees ____

j. Water supply needed ____gal/da
Source:_____

k. Solid waste requiring disposal ____tons/yr

l. Commercial, retail or industrial floor space ____sq. ft.

III. ASSESSMENT OF POTENTIAL ENVIRONMENTAL IMPACT

A. SOILS AND TOPOGRAPHY

1. Will the project be built in an area with slopes currently exceeding 12%? X No ___Yes

2. Are there other geologically unstable areas involved in the project, such as fault zones, shrink-swell soils, peatlands, or sinkholes? ___NO X YES

3. If yes on 1 or 2, describe slope conditions or unstable area and any measures to be used to reduce potential adverse impacts.
Peatlands in question are shallow peat underlain by mineral soil.
Project will take place in winter to minimize damage.

4. Indicate suitability of site soils for foundations, individual septic systems, and ditching, if these are included in the project.

NA

5. Estimate the total amount of grading and filling which will be done:
_____cu. yd. grading _____ cu. yd. filling
What percent of the site will be so altered? _____%

NA

6. What will be the maximum finished slopes? _____%

NA

7. What steps will be taken to minimize soil erosion during and after construction?

Project will be done when ground is frozen.

B. VEGETATION

1. Approximately what percent of the site is in each of the following vegetative types:

Woodland	100 %	Cropland/ Pasture	_____%
Brush or shrubs	_____%	Marsh	_____%
Grass or herbaceous	_____%	Other (Specify)	_____%

2. How many acres of forest or woodland will be cleared, if any? 10 acres

3. Are there any rare or endangered plant species or areas of unique botanical or biological significance on the site? (See DNR publication The Uncommon Ones.) X NO _____YES
If yes, list the species or area and indicate any measures to be used to reduce potential adverse impact.

C. FISH AND WILDLIFE

1. Are there any designated federal, state or local wildlife or fish management areas or sanctuaries near or adjacent to the site? X NO ___YES

2. Are there any known rare or endangered species of fish and wildlife on or near the site? (See DNR publication The Uncommon Ones.) X NO ___YES

3. Will the project alter or eliminate wildlife or fish habitat? X NO ___YES

4. If yes on any of questions 1-3, list the area, species or habitat, and indicate any measures to be used to reduce potential adverse impact on them.

D. HYDROLOGY

1. Will the project include any of the following:
   If yes, describe type of work and mitigative measures to reduce adverse impacts.

	NO	YES
a. Drainage or alteration of any lake, pond, marsh, lowland or groundwater supply	X	
b. Shore protection works, dams, or dikes	X	
c. Dredging or filling operations	X	
d. Channel modifications or diversions	X	
e. Appropriation of ground and/or surface water	X	
f. Other changes in the course, current or cross-section of water bodies on or near the site	X	

2. What percent of the area will be converted to new impervious surface? 0 %

3. What measures will be taken to reduce the volume of surface water run-off and/or treat it to reduce pollutants (sediment, oil, gas, etc.)?

4. Will there be encroachment into the regional (100 year) floodplain by new fill or structures? X NO ___ YES

   If yes, does it conform to the local floodplain ordinance? ___ NO ___ YES

5. What is the approximate minimum depth to groundwater on the site? 1 feet

E. WATER QUALITY

1. Will there be a discharge of process or cooling water, sanitary sewage or other waste waters to any water body or to groundwater? X NO ___ YES
   If yes, specify the volume, the concentration of pollutants and the water body receiving the effluent.

2. If discharge of waste water to the municipal treatment system is planned, identify any toxic, corrosive or unusual pollutants in the wastewater.

   NA

3. Will any sludges be generated by the proposed project? ___ NO ___ YES
   If yes, specify the expected volume, chemical composition and method of disposal.

   NA

4. What measures will be used to minimize the volumes or impacts identified in questions 1-3?

NA

5. If the project is or includes a landfill, attach information on soil profile, depth to water table, and proposed depth of disposal.

NA

F. AIR QUALITY AND NOISE

1. Will the activity cause the emission of any gases and/or particulates into the atmosphere? ____NO __X__ YES
If yes, specify the type and origin of these emissions, indicate any emission control devices or measures to be used, and specify the approximate amounts for each emission (at the source) both with and without the emission control measures or devices.

Running chainsaws and small logging equipment.
The nearest house is one mile away.

2. Will noise or vibration be generated by construction and/or operation of the project? ____NO __X__ YES
If yes, describe the noise source(s); specify decibel levels [dB(A)], and duration (hrs/da) for each and any mitigative measures to reduce the noise/vibration.

Chain saws
Noise not a problem.

3. If yes on 1 or 2, specify whether any areas sensitive to noise or reduced air quality-(hospitals, elderly housing, wilderness, wildlife areas, residential developments, etc.) are in the affected area and give distance from source.

G. LAND RESOURCE CONSERVATION, ENERGY

1. Is any of the site suitable for agricultural or forestry production or currently in such use? ____NO __X__ YES
If yes, specify the acreage involved, type and volume of marketable crop or wood produced and the quality of the land for such use.

10 acres of black spruce approximately 200 cords.
The land is considered a good black spruce site.

2. Are there any known mineral or peat deposits on the site? ____NO __X__ YES
If yes, specify the type of deposit and the acreage.

Peat, the whole ten acres has a thin layer of peat over mineral soil.

3. Will the project result in an increased energy demand? X NO ____ YES
Complete the following as applicable:

a. Energy requirements (oil, electricity, gas, coal, solar, etc.)

Type	Estimated Annual Requirement	Peak Demand (Hourly or Daily) Summer	Peak Demand (Hourly or Daily) Winter	Anticipated Supplier	Firm Contract or Interruptible Basis?

b. Estimate the capacity of all proposed on-site fuel storage.

NA

c. Estimate annual energy distribution for: NA

space heating _____ % lighting _____ %

air conditioning _____ % processing _____ %

ventilation _____ %

d. Specify any major energy conservation systems and/or equipment incorporated into this project.

NA

e. What secondary energy use effects may result from this project (e.g. more or longer car trips, induced housing or businesses, etc)?

NA

H. OPEN SPACE/RECREATION

1. Are there any designated federal, state, county or local recreation or open space areas near the site (including wild and scenic rivers, trails, lake accesses)? ____ NO X YES
If yes, list areas by name and explain how each may be affected by the project. Indicate any measures to be used to reduce adverse impacts.

Scenic State Park, work will be completed during season of low use (winter)

H. TRANSPORTATION

1. Will the project affect any existing or proposed transportation systems (highway, railroad, water, airport, etc)? ___X___ NO _____ YES
If yes, specify which part(s) of the system(s) will be affected. For these, specify existing use and capacities, average traffic speed and percentage of truck traffic (if highway); and indicate how they will be affected by the project (e.g. congestion, percentage of truck traffic, safety, increased traffic (ADT), access requirements).

2. Is mass transit available to the site? NA _____ NO _____ YES

3. What measures, including transit and paratransit services, are planned to reduce adverse impacts?

NA

J. PLANNING, LAND USE, COMMUNITY SERVICES

1. Is the project consistent with local and/or regional comprehensive plans? _____ NO ___X___ YES
If not, explain:

Project follows management plan for Scenic State Park.

If a zoning change or special use permit is necessary, indicate existing zoning and change requested.

NA

2. Will the type or height of the project conflict with the character of the existing neighborhood? ___X___ NO _____ YES
If yes, explain and describe any measures to be used to reduce conflicts.

3. How many employees will move into the area to be near the project? None
How much new housing will be needed? None

4. Will the project induce development nearby--either support services or similar developments? No
If yes, explain type of development and specify any other counties and municipalities affected.

5. Is there sufficient capacity in the following public services to handle the project and any associated growth? NA

Public Service	Amount required for project	Sufficient capacity?
water	gal/da	
wastewater treatment	gal/da	
sewer	feet	
schools	pupils	
solid waste disposal	ton/mo	
streets	miles	
other (police, fire, etc)		

If current major public facilities are not adequate, do existing local plans call for expansion, or is expansion necessary strictly for this one project and its associated impacts?

6. Is the project within a proposed or designated Critical Area or part of a Related Actions EIS or other environmentally sensitive plan or program reviewed by the EQC? _X_ NO ____ YES
If yes, specify which area or plan.

7. Will the project involve the use, transportation, storage, release or disposal of potentially hazardous or toxic liquids, solids on gaseous substances such as pesticides, radioactive wastes, poisions, etc? _X_ NO ____ YES
If yes, please specify the substance and rate of usage and any measures to be taken to minimize adverse environmental impacts from accidents.

8. When the project has served its useful life, will retirement of the facility require special measures or plans? ____NO ____YES
If yes, specify:
NA

K. HISTORIC RESOURCES

1. Are there any structures on the site older than 50 years or on federal or state historical registers? __X__NO ____YES

2. Have any arrowheads, pottery or other evidence of prehistoric or early settlement been found on the site? __X__NO ____YES
Might any known archaeologic or paleontological sites be affected by the activity? __X__NO ____YES

3. List any site or structure identified in 1 and 2 and explain any impact on them.

L. OTHER ENVIRONMENTAL CONCERNS
Describe any other major environmental effects which may not have been identified in the previous sections.

Project is a standard wood salvage operation. The only difference is it is within the boundary of a state park. Entire area will be reseeded to black spruce.

III. OTHER MITIGATIVE MEASURES
Briefly describe mitigative measures proposed to reduce or eliminate potential adverse impacts that have not been described before.

Logging contract regulations and restoration; see addendum.

V. FINDINGS

The project is a private ( ) governmental (X) action. The Responsible Agency (Person), after consideration of the information in this EAW, and the factors in Minn. Reg. MEQC 25, makes the following findings.

1. The project is ( ) is not (X) a major action.
State reasons:

The project will impact less than 1% of the park. The project follows legislative park management guidelines as set in the 1975 ORA. There will be no growth or development as a result of the project.

2. The project does ( ) does not (X) have the potential for significant environmental effects.
State reasons:

The project will not change the use of the area. The project will result in reforestation of the area to the same species.

3. (For private actions only.) The project is ( ) is not ( ) of more than local significance.
State Reasons:

IV. CONCLUSIONS AND CERTIFICATION

NOTE: A Negative Declaration or EIS Preparation Notice is not officially filed until the date of publication of the notice in the EQC Monitor section of the Minnesota State Register. Submittal of the EAW to the EQC constitutes a request for publication of notice in the EQC Monitor.

A. I, the undersigned, am either the authorized representative of the Responsible Agency or the Responsible Person identified below. Based on the above findings, the Responsible Agency (Person) makes the following conclusions. (Complete either 1 or 2).

1. X NEGATIVE DECLARATION NOTICE
No EIS is needed on this project, because the project is not a major action and/or does not have the potential for significant environmental effects and/or, for private actions only, the project is not of more than local significance.

2. ____ EIS PREPARATION NOTICE
An EIS will be prepared on this project because the project is a major action and has the potential for significant environmental effects. For private actions, the project is also of more than local significance.

a. The MEQC Rules provide that physical construction or operation of the project must stop when an EIS is required. In special circumstances, the MEQC can specifically authorize limited construction to begin or continue. If you feel there are special circumstances in this project, specify the extent of progress recommended and the reasons.

b. Date Draft EIS will be submitted: _____
(month) (day) (year)

(MEQC Rules require that the Draft EIS be submitted within 120 days of publication of the EIS Preparation Notice in the EQC Monitor. If special circumstances prevent compliance with this time limit, a written request for extension explaining the reasons for the request must be submitted to the EQC Chairman.)

c. The Draft EIS will be prepared by (list Responsible Agency(s) or Person(s)):

_____

_____ Signature

Assistant Commissioner for Planning Title

Jan. 11, 1980 Date

B. Attach an affidavit certifying the date that copies of this EAW were mailed to all points on the official EQC distribution list, to the city and county directly impacted, and to adjacent counties or municipalities likely to be directly impacted by the proposed action (refer to question III.J.4 on page 9 of the EAW). The affidavit need be attached only to the copy of the EAW which is sent to the EQC.

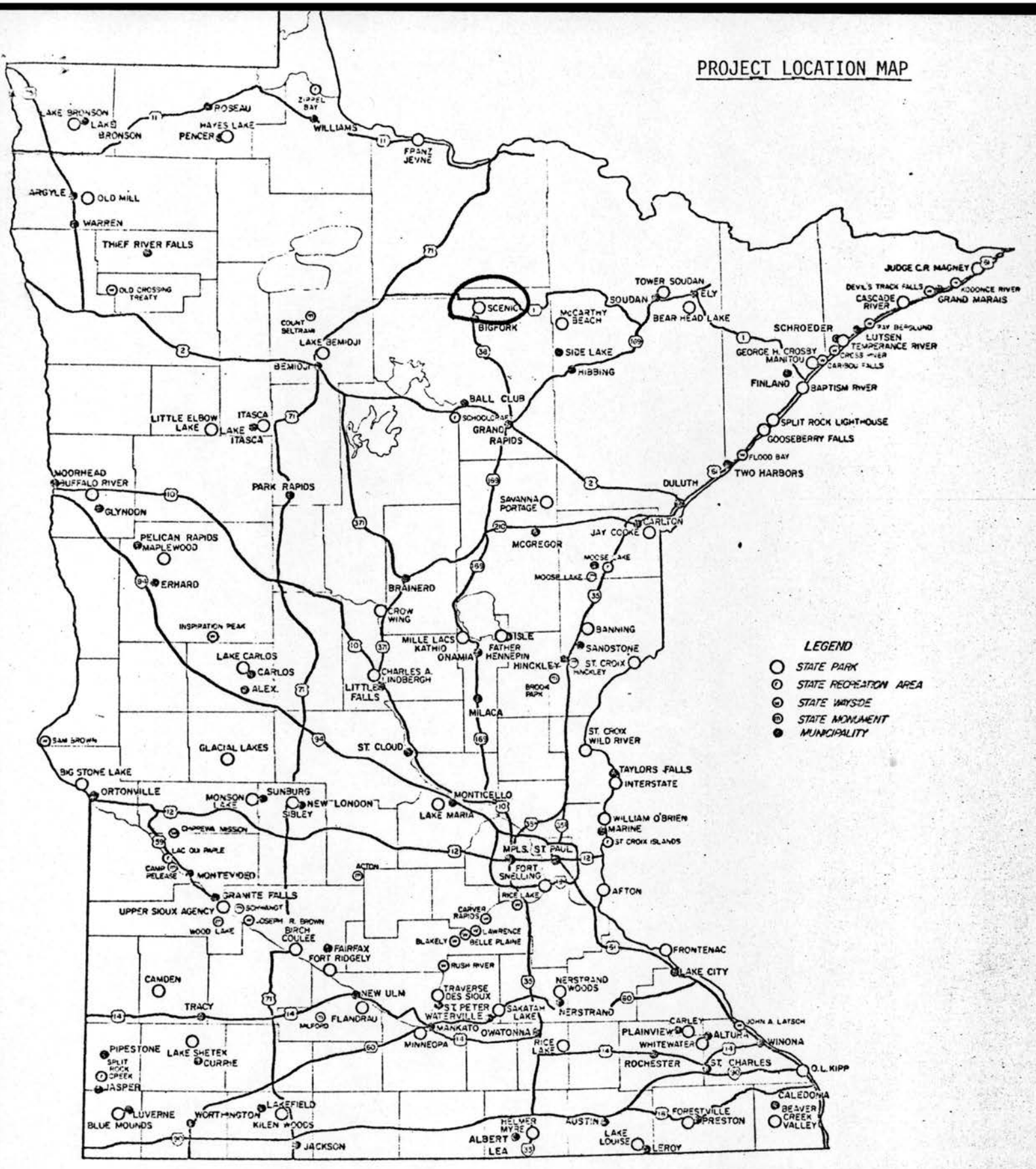
C. Billing procedures for EQC Monitor Publication

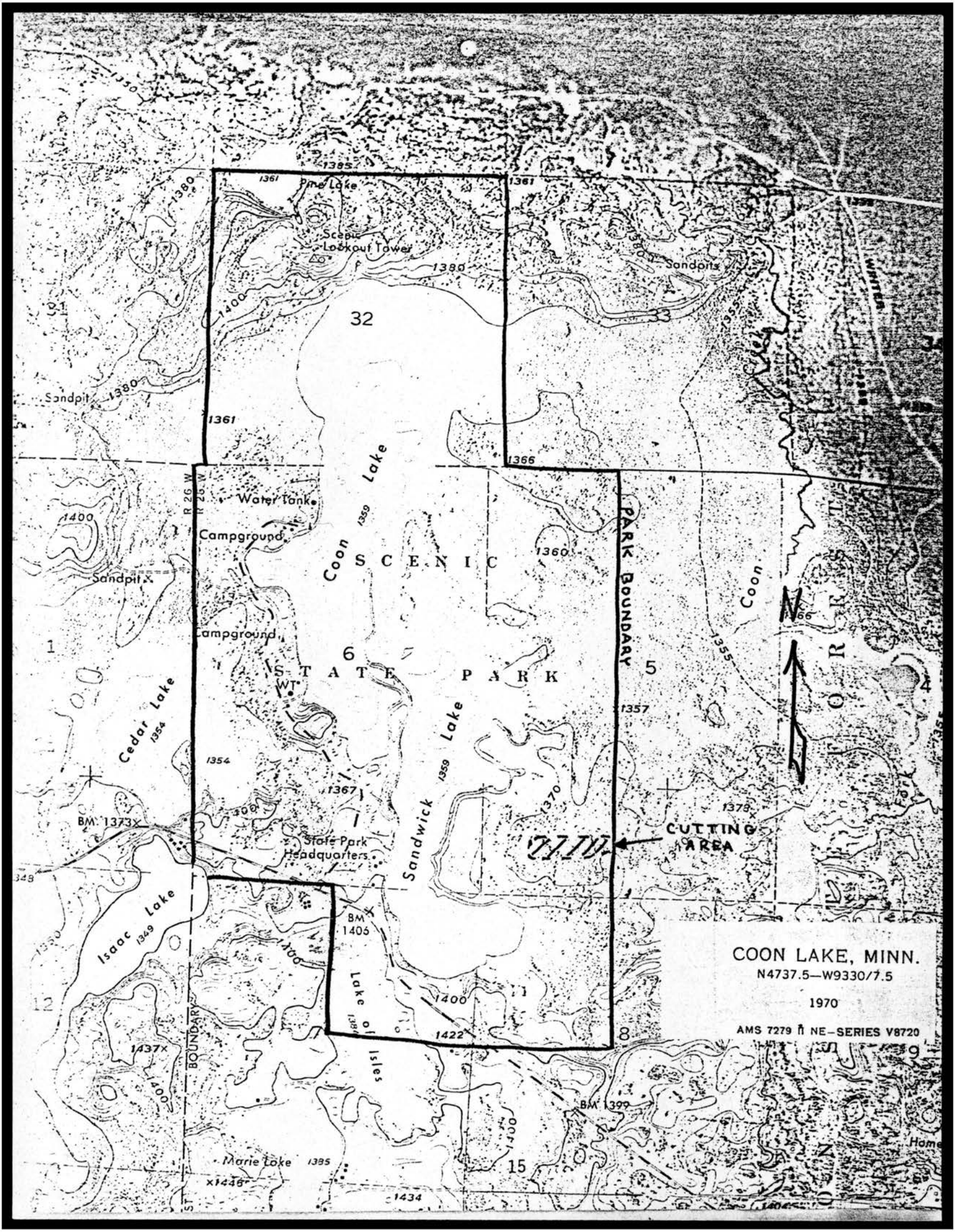
State agency ONLY: Attach to the EAW sent to the EQC a completed OSR 100 form (State Register General Order Form--available at Central Stores). For instructions, please contact your Agency's Liaison Officer to the State Register or the Office of the State Register--(612) 296-8239.

ADDENDUM

1. Clear-cut all merchantable timber as indicated in the appraisal report;
2. Fell trees away from swamps;
3. Utilize aspen and birch to 4" top diameter or less;
4. Certain areas shall be reserved from treatment and so indicated in the appraisal report;
5. Some stumpage may be excluded after harvest operations have begun;
6. Non-merchantable trees of non-reserve species shall be cut or pushed down and flattened to facilitate burning;
7. Cutting of non-commercial stands may be required;
8. Limbing can be done where the tree is felled,but topping must be done at a convenient site and the tops pushed into piles for burning;
9. Slash shall be flattened with a skidder or the like and kept out of swamps;
10. Slash shall be removed from reserve pine stands and kept away from pine tree bases;
11. Stumps shall not be higher than six inches from the ground, or stump heights shall be regulated for given conditions;
12. Roads: all shall be to minimum specifications;
    a. Main haul roads will be set up by the Division of Forestry and Parks. No deviations will be allowed without permission;
    b. Road construction debris shall be shoved well off the road and flattened. None shall be shoved into swamsp or drainage ways;
    c. Roads shall be constructed so as not to impede drainage;
    d. Truck turnouts for passing will be marked out along access roads;
    e. Minor maintenance and snow removal will be the responsibility of the timber operator;
13. Timber landings will be located a minimum of 200 feet off the main haul road according to the Forester's directions and to the minimum Division of Forestry specifications;
14. Any solid waste or equipment residue must be kept picked up and a garbage can provided for this purpose;
15. Oil from equipment oil changes must be drained into a receptacle for removal from the park;
16. All buildings and equipment must be removed from the permit area within the specified 90-day period;
17. Time of day or day of week or season for cutting may be restricted;
18. If there is some doubt or quiestion about some environmental problem, the operator is requested to contact the District Forester at the Itasca Ranger Station.

PROJECT LOCATION MAP




Pine Lake
Scenic Lookout Tower
Sandpits
Sandpit
Water Tank
Campground
Coon Lake
SCENIC
STATE PARK
PARK BOUNDARY
Coon Creek
Campground
Cedar Lake
Sandwick Lake
BM 1373
State Park Headquarters
CUTTING AREA
Isaac Lake
BM 1406
Lake o' Isles
BOUNDARY
Marie Lake
BM 1399
Home
COON LAKE, MINN.
N4737.5—W9330/7.5
1970
AMS 7279 II NE—SERIES V8720