

Appendix A. Master Plan Contributors

The Camp Jorn YMCA Master Plan was prepared in collaboration with many people and organizations. Master plans prepared in a participatory manner are a balance of the opinions of all who participated. It is the hope of the Master Plan preparers that those who participated and other Camp Jorn family members have ownership in the plan. The plan should also be used by the people and organization as a tool to preserve and improve Camp Jorn.

The primary authors of the Master Plan are the Camp Jorn Board of Directors, Camp Jorn Staff, and EDAW Inc. The Board of Directors participated by hiring EDAW, contributing their ideas, participating in meetings, and reviewing Master Plan content. The Camp Jorn Staff, especially Dennis Lipp – Camp Jorn Executive Director, participated by hiring EDAW, contributing their ideas, participating in meetings, sharing information, writing and reviewing Master Plan content. EDAW is an award winning worldwide landscape architecture company. EDAW has prepared master plans for multiple camps, county, state, and federal lands throughout the United States. It was the Fort Collins, Colorado office of EDAW that assisted Camp Jorn with the preparation of this Master Plan. Drew Stoll, an EDAW Landscape Architect and Recreation Planner was the lead project manager for the Master Plan preparation and process. Drew is also a life-long member of Camp Jorn, and his family has participated in Camp Jorn programs since the 1950s.

Master Plan Participants

Name	Title	Role
Camp Jorn Board of Directors		
Dan Drury	Chairman	Oversight, Content, Review
Amy Hoogasian	Board Member	Content, Review, Editor
Bill Kauffman	Board Member	Content and Review
Bob Brooks	Board Member	Content and Review
Bob Haymaker	Board Member	Content and Review
Bob Runyan	Board Member	Content and Review
Carol Detwiler	Board Member	Content and Review
Cheryl Sanderlin	Board Member	Content and Review
Chuck DeCarlo	Board Member	Content and Review
Corey Sydnor	Board Member	Content and Review
Doug Groat	Board Member	Content and Review
Frank Davis	Board Member	Content and Review
Greg Flesher	Board Member	Content and Review
Jerry Topcik	Board Member	Content and Review
Lenora Bohn	Board Member	Content and Review
Rich Ribando	Board Member	Content and Review
Ron Sanderlin	Board Member	Content and Review

Name	Title	Role
Steve Hamilton	Board Member	Content and Review
Tony Krause	Board Member	Content and Review
YMCA & Camp Jorn Staff		
Dennis Lipp	Executive Director	Project Manager
Rhonda Haymaker-Reyes	Director of Camping Services	Communication and Content
Brad Keizer	Assistant Camp Director	Review
Dawn Holt	Childcare Director	Review
Emir Butler	Camp Registrar	Review
Mark Orłowski	Facilities Director	Review
Dave Hayward	Lake County Family YMCA CEO	Review
EDAW Staff		
Drew Stoll	Landscape Architect	Project Manager
Greg Oakes	Landscape Architect	Design and Graphics
Phil Hendricks	Landscape Architect	Expertise and Oversight
Chris Stoll	Environmental Planner	Cartographic Design

Camp Jorn YMCA would like to thank all the individuals and organizations that made contributions to this Master Plan. The Master Plan was funded through generous contributions from Claudia Hoogasian and the Cherne Foundation. These funds have made a very important contribution to creating a vision for Camp's future. The entire fulltime Camp Jorn Staff contributed to the master plan process. Dennis Lipp, Executive Director, as usual worked tirelessly to contribute to the preparation of the Master Plan both on Camp and his own time.

Drew Stoll provided the primary creative direction for the process to prepare of the Master Plan. Drew contributed a very large amount of his personal time to prepare the Master Plan. Chris Stoll, a life-long Camp Jorn member and EDAW environmental planner, his time to prepare most the maps in the plan. Greg Oakes, and EDAW Landscape Architect, contributed a significant amount of his personal time to participate in a workshop, contribute to the content, and prepare the illustrative design. Other EDAW employees contributed their ideas to the process through lunchtime and casual conversation about Camp. Rob Eshoo and John Volmary both contributed to the development of the design of new camper cabins. Jan Piedmonte, a life-long Camp member, was the Master Plan editor.

Many other staff alumni and family campers contributed their ideas and opinions. It will take the collective effort of all these people and organizations to see the Master Plan successfully implemented.

Appendix B. Additional Studies Needed

This is the first master plan that has been prepared for Camp Jorn. The Master Plan provides general recommendations for the vision and general location of facilities and landscapes at Camp. Most of the new facilities and landscapes this plan calls for need to be designed in more detail. Additional studies are also needed to further refine standards for the development and conservation of Camp. A few additional studies that are needed include:

- Cost Estimate
- Architectural Design Guidelines
- Landscape Design Guidelines
- Sign Design Guidelines
- Construction Guidelines
- Sustainability Guidelines
- Historic Building Preservation and Funding
- Accurate Property Survey
- History Research and Documentation
- Natural History Research and Documentation
- Detailed Architectural and Landscape Design for New Facilities and Landscapes
- Master Plan Implementation Evaluation

Appendix C. Camper Cabin Design Program

Number of cabins to be built: 8

Objective: Design an efficient, attractive, and cost effective design for one room cabins at Camp Jorn.

Architectural Program

Uses:

- Summer resident camp
- Summer family camp
- Fall/winter/spring retreats

Beds:

- 5 bunk beds (10 campers) – separate these 30 inches from each other or position so that bunks sleep head to feet
- 2 full-size staff beds – separate these at least 30 inches from camper beds
- Space for one portable bunk bed (in case of a large group size)

Gathering Areas:

- 4-person table
- Area for dressing and other activities
- Porch with table and chairs. The porch should have seat walls on the outer edge. The roof of the porch should be an extension of the cabin gable roof. No screened in porch. We want these open to socialize and have a low maintenance/construction cost.
- Small patio with picnic table, seat wall, and landscaping

Restroom:

Not needed initially, but space should be provided for a future restroom with a shower, sink, vanity, and toilet. Show as a closet for now and label as “space for future bathroom if needed”. Keep the bathroom components together to control costs. The bathrooms are not likely to ever be built.

Utilities:

Circuit breaker, lights, electric space heater built in a wall

Storage:

- Luggage
- Shelves or “cubbies” for clothing, shoes, bath supplies, etc. One type will be large drawers on wheels that can be rolled under the bunks.
- Two lockable drawers/cabinets for staff personal belongings or other items
- First Aid Kit
- Trash can
- Bicycle rack (outside)

Materials:

Exterior: Half log and river stone (3 foot outer base wall of cultured river stone veneer);

metal roof

Interior: knotty pine wood paneling on walls and ceiling; floating, insulated plastic laminate knotty pine floor; pine furniture.

Style:

- The architectural style should reflect Northern Wisconsin and Camp character.
- “Extend the interior space to the exterior” Use the back wall of the cabin as the extension to the environment with windows and doors (French?)
- One story, low building
- Use natural lighting effectively
- Windows on all four sides for views
- Make the interior feel large and open.
- Keep the building footprint small
- Use stone and log accents. These are the original building materials that were used at Camp
- Materials should look “rustic”. Like you are at Camp
- Materials should stand up to mistreatment from rough use.
- Use natural colors such as bark brown, pine needle brown, tamarack green, evergreen, aspen green, granite, and sand beige
- Minimize or eliminate the need to move furniture. This causes floor and other damage,
- Do not block windows with bunks
- The front porch and back patio should be on the opposite narrow ends of the cabin (due to how the cabins will be situated)
- The front entrance should be in the common area/ staff bed area
- Large overhang
- Ski lights or solar light tubes
- Slab on grade
- 2x6 walls for better insulation
- Minimum cabin size of 24x32 feet
- Exterior Colors: Dark Brown stain on wood, natural stone, and dark green metal roof
- 8/12 roof pitch

Safety:

- All spaces must be visible to anyone in the cabin. This keeps eyes on everyone for safety.
- Egress windows
- First aid kit
- Sleeping buildings need to have at least two exits
- Smoke detectors and fire extinguishers required
- Accessible to the disabled
- A means for ventilation and temp control
- At least 30 inches between sides of beds
- Adequate space to provide freedom of movement and allow exit in emergency.
- Bunk Guardrails

Maintenance: Minimize time to sweep the cabin, dust, clean windows, paint or stain wood

Appendix D. Flora and Fauna List

Partial Flora and Fauna List for the Manitowish Waters, Wisconsin.

Source: North Lakeland Discovery Center

Flora

White and red oak, jack, red, and white pine, yellow and white birch, eastern hemlock, leatherwood, sugar and red maple, aspen & poplar, highbush cranberry grow in the north, with black and white spruce, black and mountain ash, balsam fir, tag alder, and tamarack concentrated in the northern lowlands. Forty-five varieties of orchid (statewide) have been identified, including grass pink and rose pogonia, as well as 20 types of violet, including the wood violet (the state flower). Other wildflowers: wood anemone, trailing arbutus, asters, blackberry, blueberry, elderberry, Juneberry, raspberry, wild strawberries, common and horned bladderwort, bunchberry, columbine, oxeye daisy, hawkweed, large-flowered trillium, blue flag iris, lilac, blue-bead lily, white water lily, yellow bullhead lily, wild lupine, marsh marigold, pipsissewa, pitcher plant (bog), bog rosemary, bog laurel, and wintergreen

Fauna

White-tailed deer, black bear, snowshoe hare, chipmunk, and porcupine are mammals typical of forestlands. The striped skunk, red and gray foxes, and various mice are characteristic of upland fields while wetlands harbor such mammals as the muskrat, mink, river otter. The badger, dwelling in grasslands and semi-open areas, is rarely seen today. Game birds include the ruffed grouse; among 336 bird species native to Wisconsin are 42 kinds of waterfowl and 6 types of shorebirds that are also hunted. Other common birds include: American bittern, boblink, Brewer's blackbird, red-winged blackbird, yellow-headed blackbird, Eastern bluebird, indigo bunting, gray catbird, black-capped chickadee, cormorant; bufflehead, goldeneye, mallard, wood, and ring-necked ducks, bald eagles, great and cattle egrets, house and purple finch, Northern flickers, olive-sided and scissor-tailed flycatchers (uncommon), American goldfinch, Canada and snow goose, grackle, pied-billed grebe, northern harrier, broad-winged hawk, Cooper's hawk, Northern goshawk, red-tailed hawk, sharp-shinned hawk, rough-legged hawk, gray and blue jays, dark-eyed junco, American kestrel, killdeer, kingbirds, belted kingfisher, common loon; common, hooded and red-breasted mergansers, merlins, nighthawk, osprey, barred owl, great horned owl, saw-whet owl, snowy owl, white and brown pelicans, common raven, common redpoll, American robin, Northern shrike, pine siskin, common snipe; chipping, fox, song tree, white-crowned, white-throated, Lincolns, and swamp sparrows, European starling; cliff, barn, and tree swallows, trumpeter and tundra swans, scarlet tanager, black and common terns, brown thrasher, hermit and wood thrush, veery, red-eyed and Philadelphia vireos, turkey vulture, cedar waxwing; pileated, downy, hairy, and red-headed woodpeckers, and yellow-bellied sapsuckers. Reptiles include 23 varieties of snake, 13 types of turtle, and 4 kinds of lizard. Muskellunge (the state fish), northern pike, walleye, and brook trout are native to Wisconsin waterways. Common butterflies include the monarch & swallowtail, plus as many as 90 species of dragonflies. Frog species include the bullfrog, chorus, Eastern gray tree, green leopard, mink, spring peeper, and wood frogs.

Order Didelphimorphia: American Opossums**Family Didelphidae: Opossums***Didelphis virginiana*

Virginia Opossum (uncommon)

Order Insectivora: Insectivores * Unsure of Northern WI status**Family Soricidae: Shrews***Blarina brevicauda*

Northern Short-tailed Shrew

Cryptotis parva

Least Shrew

Sorex arcticus

Arctic Shrew

Sorex cinereus
Sorex boyi
Sorex palustris

Masked Shrew
 Pygmy Shrew
 Water Shrew

Family Talpidae: Moles

Condylura cristata
Scalopus aquaticus

Star-nosed Mole
 Eastern Mole

Order Chiroptera: Bats * Unsure of Northern WI status

Family Vespertilionidae: Plain-nosed or Vesper Bats

Eptesicus fuscus
Lasionycteris noctivagans
Lasiurus borealis
Lasiurus cinereus
Myotis lucifugus
Myotis septentrionalis
Myotis sodalis

Big Brown Bat
 Silver-haired Bat
 Red Bat
 Hoary Bat
 Little Brown Bat
 Northern Myotis
 Indiana Bat

Order Carnivora: Carnivores

Family Canidae: Dogs

Canis latrans
Canis lupus
Urocyon cinereoargenteus
Vulpes vulpes

Coyote
 Gray Wolf
 Gray Fox
 Red Fox

Family Ursidae: Bears

Ursus americanus

Black Bear

Family Procyonidae: Procyonids

Procyon lotor

Common Raccoon

Family Mustelidae: Weasels and Other Mustelids *Empty Page*

Lontra canadensis
Martes americana
Martes pennanti
Mustela erminea
Mustela frenata
Mustela nivalis
Mustela vison
Taxidea taxus

Northern River Otter
 American Marten (occasional)
 Fisher
 Ermine
 Long-tailed Weasel
 Least Weasel
 American Mink
 American Badger

Family Mephitidae: Skunks ¹⁷

Mephitis mephitis (Exit DNR)

Striped Skunk

Family Felidae: Cats

Lynx canadensis
Lynx rufus

Canada Lynx (occasional individuals)
 Bobcat

Order Rodentia: Rodents

Family Squirridae: Squirrels

Glaucmys sabrinus
Sciurus carolinensis (Exit DNR)
Spermophilus franklinii
Spermophilus tridecemlineatus
Tamias minimus (Exit DNR)
Tamias striatus (Exit DNR)
Tamiasciurus hudsonicus

Northern Flying Squirrel
 Eastern Gray Squirrel
 Franklin's Ground Squirrel
 Thirteen-lined Ground Squirrel
 Least Chipmunk
 Eastern Chipmunk
 Red Squirrel

Family Castoridae: Beavers

Castor canadensis

American Beaver

Family Muridae: Mice, Rats, and Voles ¹⁹

Clethrionomys gapperi
Microtus pinetorum
Mus musculus (Exit DNR)
Ondatra zibethicus
Peromyscus leucopus (Exit DNR)
Peromyscus maniculatus (Exit DNR)

Southern Red-backed Vole
 Woodland Vole
 House Mouse **int**
 Muskrat
 White-footed Mouse
 Deer Mouse

Family Zapodidae: Jumping Mice

Napaeozapus insignis

Woodland Jumping Mouse

Family Erethizontidae: New World Porcupines

Erethizon dorsatum

Common Porcupine

Order Artiodactyla: Even-toed Ungulates

Family Cervidae: Deer

Alces alces

Moose

Cervus elaphus

Elk

Odocoileus virginianus

White-tailed Deer

Order Lagomorpha: Hares and Rabbits

Family Leporidae: Hares and Rabbits

Lepus americanus

Snowshoe Hare

Sylvilagus floridanus

Eastern Cottontail

Appendix E. References

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Rest Lake Dam History

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YMCA Exchange Webpage

<http://www.ymcaexchange.org/>