

Permits and Approvals

The information contained below relates to properties in the Riding Mountain Biosphere Reserve and is provided for guidance only. We strongly recommend you contact the appropriate authorities to get current, accurate information. The information below is applicable as of Spring 2012.

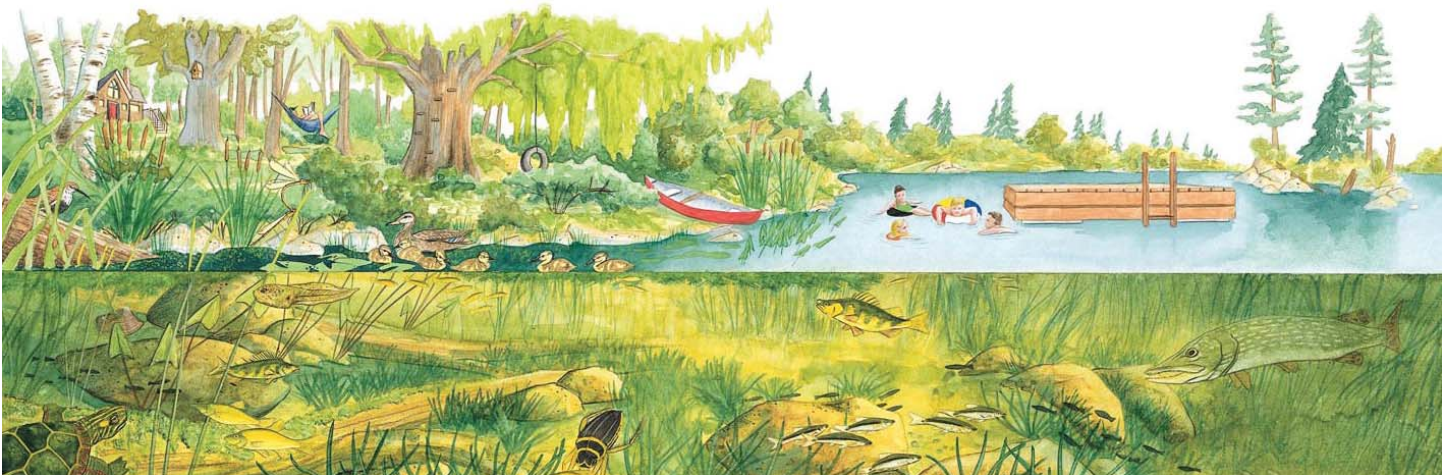
When do You Need a permit?

Depending on the nature, work in the water, on the shoreline and near the shoreline, may require a permit. Work could include any new construction, repair or modification as well as filling, dredging, etc. In an attempt to conserve as much of the remaining natural shoreline as possible, the Department of Fisheries and Oceans generally stipulates that no more than one third of a shoreline be developed or maintained. If you do not obtain the proper permits and approvals you can be fined. We recommend contacting the appropriate agencies early to ensure you have sufficient time to carry out your project.

Who Should You Contact?

A permit from more than one government agency may be required and approval from one government agency does not guarantee approval from another. Below is a summary of the organizations you may need to contact about obtaining permits. Note this is a summary for guidance only; other agencies not listed below may be involved in the permit process.

Type of Work	Department of Fisheries and Oceans	Municipal, Town, or City Office	Manitoba Conservation and Water Stewardship
Buildings	✓	✓	
Docks and Boathouses	✓	✓	✓
Fill (ramp, beach, walls)	✓		
Dredging	✓		
Removing aquatic shoreline or vegetation	✓		
Septic Systems		✓	✓
Semi-public or public wells			✓

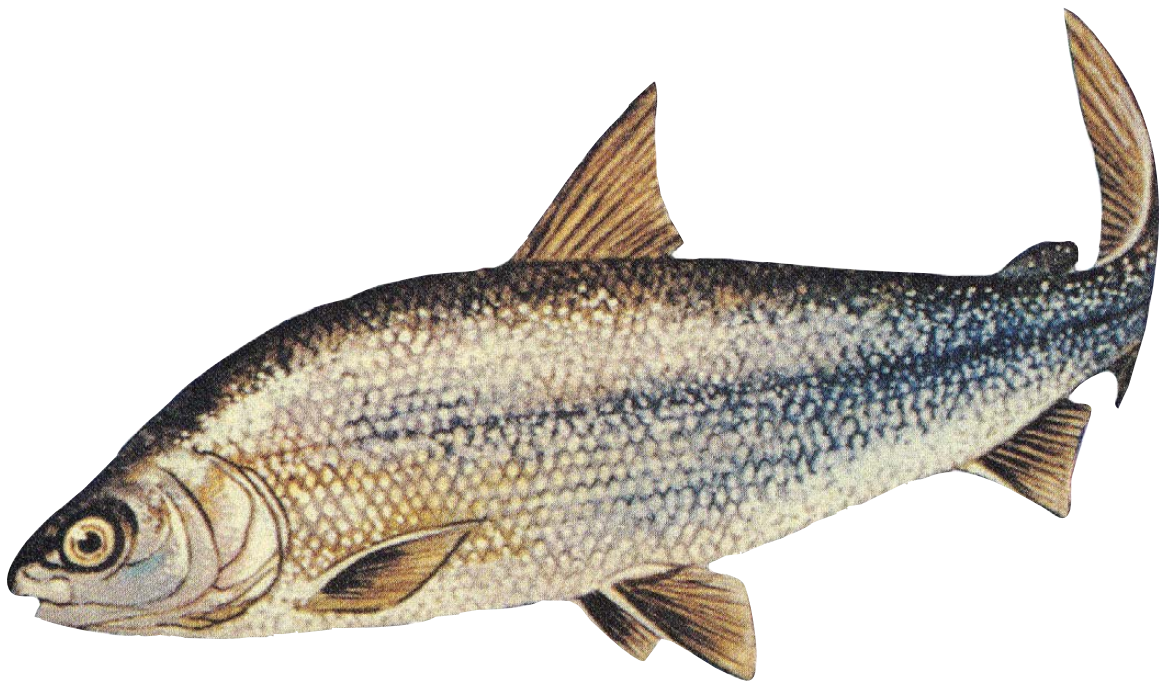


When to Work In-Water

To protect fish, eggs, and fry during spawning and incubation periods, the Department of Fisheries and Oceans has restricted in-water work to specific time periods. Outside of these periods, in-water and shoreline work is prohibited except for special exceptions. These periods vary depending on the species living in the waterbody near you.

Spawning Period	Fish Species	In-Water Work Prohibited
Spring Spawning Fish	<ul style="list-style-type: none"> Northern Pike Walleye Sauger Yellow Perch Suckers Smallmouth Bass Arctic grayling 	April 1 to June 15
Summer Spawning Fish	<ul style="list-style-type: none"> Channel Catfish Lake Sturgeon Goldeye White Bass Freshwater Drum Mooneye 	May 1 to June 30
Fall Spawning Fish	<ul style="list-style-type: none"> Brook Trout Lake Trout Arctic Char Lake Whitefish 	September 15 to April 30

If you are unsure of the fish species present near you, please contact the Dauphin Office of the Department of Fisheries and Oceans Canada at 204-622-4060.



Lake Whitefish

Living in the Riding Mountain Biosphere Reserve

Developing

For more information about developing an existing or new lot, please consult your local town, city, or rural municipality office. For assistance with project planning, contact your local conservation district to obtain ortho maps of your property.

Developing in Riding Mountain National Park

As the townsite of Wasagaming is located within the federally-governed Riding Mountain National Park, there are a number of requirements and regulations that must be followed if you are interested in developing in the cottage or cabin areas. All construction proposals have to be submitted to the Development Office and Environment Office to ensure that they meet the requirements set by Parks Canada. Applicants are also required to complete an Environmental Assessment. Once this assessment has been received, the Environmental Officer will review it and consult with the applicants to ensure that all measures have been taken to provide the least impact to the ecosystem.

For more information about developing within Riding Mountain National Park, please contact Wasagaming's Parks Canada Office at 204-848-7275 or by email at rmnp.info@pc.gc.ca.

Planting with Native Species

Planting with Native Species has gained popularity in recent years and it is easy to see why. Already adapted to living in the region, many of these native species are beautiful additions to gardens.

To learn more about species native to the Riding Mountain Biosphere Reserve, please visit our Native Species Garden section on our website at www.rnbr.ca/projects/native-species-garden. There are a number of companies that specialize in Native Species of Manitoba, including Prairie Flora (www.prairieflora.com), Prairie Habitats (www.prairiehabitats.com), and Prairie Originals (www.prairieoriginals.com).

Planting in Riding Mountain National Park

To preserve the ecological integrity of Riding Mountain National Park, there are restrictions on plant species that can be planted in the cottage and cabin areas. In addition, permission must be granted by Parks Canada before any vegetation is removed from your property.



Project Partners

Riding Mountain Biosphere Reserve

Established in 1986, the Riding Mountain Biosphere Reserve (RMBR) is a non-profit organization that seeks to balance the conservation of natural and cultural heritage with sustainable resource development in the area surrounding Riding Mountain National Park. RMBR includes the voluntary support of local business, community, educational, and government partners working cooperatively to support prosperous local economies while maintaining healthy ecological communities.



Phone: 204-636-2085

Email: rmbbr@mymts.net

Website: www.rmbbr.ca

Riding Mountain National Park

The rich wilderness of Riding Mountain National Park encompasses an area of almost 3,000 km² (1,160 mi²) of rolling hills and valleys. Located in the midst of Manitoba's prairie landscape, the park's broad forests, meadows, lakes, and lofty heights of the Manitoba Escarpment stand in stark contrast to the surrounding region. Home to numerous species of wildlife including hundreds of bird species, deer, moose, elk, wolves, lynx, black bears, and a captive bison herd, Riding Mountain National Park is an extremely diverse environment.



Phone: 204-848-7275

Email: rmnp.info@pc.gc.ca

Website: www.pc.gc.ca/riding

Friends of Riding Mountain National Park

Friends of Riding Mountain National Park is a non-profit organization, committed to increasing awareness and appreciation of the natural and cultural heritage of Riding Mountain National Park. Through innovative programming in partnership with Parks Canada and other like-minded organizations, Friends of Riding Mountain National Park provides valuable educational opportunities that inspire environmental stewardship.



Riding Mountain National Park is a unique sanctuary that provides a wide range of outdoor recreational opportunities in both developed and natural settings. It is the purpose of the Friends of Riding Mountain National Park organization, through education, to preserve this environment and promote greater involvement and commitment of visitors in the wise and proper use of the park.

Phone: 204-848-4037

Email: friends.rmnp@pc.gc.ca

Website: www.friendsofridingmountain.ca

Centre for Sustainable Watersheds

Centre for Sustainable Watersheds (CSW) is an environmental, charitable organization that provides solutions to protect Canada's lakes and rivers. CSW is involved in a number of on the ground activities including watershed studies, shoreline surveys as well as personal property impact consultations. CSW also provides educational resources, information sharing and training, and gives presentations to community groups and youth on topics which include water quality, wastewater treatment and the relationship between healthy shorelines and clean water.



CSW was formally incorporated as a non-profit in 2002 and has a thirty year history that began with a local lake association. CSW's mission is to enhance the ability of groups and organizations to share information, programs and expertise that help preserve clean water.

Phone: 613-272-5136

Email: info@watersheds.ca

Website: www.watersheds.ca

Little Saskatchewan River Watershed Conservation District

Established in 1999, this conservation district covers over 4,000 km² (1,550 mi²) and encompasses the majority of the Little Saskatchewan River Watershed. This area includes the RMs of Daly, Blanshard, Saskatchewan, Harrison, Strathclair, Park, Minto, Odanah, Rosedale, and Clanwilliam and the towns of Erickson, Minnedosa, Rivers, and Rapid City.



The Little Saskatchewan River Conservation District seeks to facilitate and support integrated development and stewardship of the watershed's water and land resources to protect and preserve our natural resources. Some of their programs include nutrient management, erosion control, well sealing, and wildlife damage protection.

Phone: 204-566-2270

Email: lsrcd.admin@mts.net

Website: www.littlesaskatchewanrivercd.ca

Science Horizons

Science Horizons is a Government of Canada program aimed at the advance of research and achievements in environmental science while also providing young people with the opportunities to develop their knowledge and skills in environment-based careers. These projects can last from six months to one year and Science Horizons will provide up to \$12,000 in funding. Over the past thirteen years, Science Horizons has helped over 1,200 young men and women obtain experience in areas of importance to Environment Canada.

Email: science.horiz@ec.gc.ca.

Website: www.ec.gc.ca/scitech/default.asp?lang=En&n=B58899DC-1

Environment Canada

Environment Canada plays an essential role in protecting the environment and with programs like Science Horizons, it is committed to helping groups with similar interests. With over 7,000 employees in over 100 communities across the country, Environment Canada is committed to protect Canada's vast natural resources for future generations to come.



Phone (Manitoba Office): 204-984-6203

Email: enviroinfo@ec.gc.ca

Website: www.ec.gc.ca

TD Friends of the Environment Foundation

Working with Canadians that are committed to protecting the environment, the TD Friends of the Environment Foundation has a grassroots focus that funds local projects. Since 1990, this Foundation has provided support to over 20,000 projects to the amount of over \$57,000,000.



TD Friends of the Environment Foundation

Phone: 800-361-5333

Email: tdfef@td.com

Website: www.fef.td.com

Other Project Partners

Conservation Districts

The Little Saskatchewan River, Upper Assiniboine River, Lake of the Prairies, Intermountain, Turtle River Watershed, and Whitemud Watershed Conservation Districts (CD) are all located within the boundaries of the Riding Mountain Biosphere Reserve. These non-profit, grass roots organizations all share the same vision of sustainable watershed management and conduct various programs to achieve this goal. To learn more about the programs offered by these conservation districts, please contact your local CD office.

- Intermountain CD: 204-742-3764, imcdadm@mts.net, or www.intermountaincd.com
- Lake of the Prairies CD: 204-564-2388, lpcd@mymts.net, or www.lpcd.mb.ca
- Little Saskatchewan River CD: 204-566-2270, lsradmin@mts.net, or www.littlesaskatchewanrivercd.ca
- Turtle River Watershed CD: 204-447-2139, trwcd@mts.net, or www.trwcd.com
- Upper Assiniboine River CD: 204-567-3554, uarcd@mts.net, or www.uarcd.com
- Whitemud Watershed CD: 204-476-5019, whitemud@mts.net, or www.mts.net/~whitemud

Get Involved

What you do on your own property has a huge impact on the health of waterbodies and wildlife within the Riding Mountain Biosphere Reserve. There are a number of local groups who need volunteers including:

Riding Mountain Biosphere Reserve

Phone: 204-636-2085
Email: rmbr@mymts.net
Website: www.rmbr.ca



Friends of Riding Mountain National Park

Phone: 204-848-4037
Email: friends.rmnp@pc.gc.ca
Website: www.friendsofridingmountain.ca



Contact List

Federal and Provincial Government Departments

- **Department of Fisheries and Oceans (Dauphin Office):** 204-622-4060 or www.dfo-mpo.gc.ca
- **Environment Canada (Manitoba Office):** 800-263-0595 or www.ec.gc.ca
- **Manitoba Agriculture, Food, and Rural Initiatives:** 866-626-4862 or www.gov.mb.ca/agriculture
- **Manitoba Conservation:** 800-214-6497 or www.gov.mb.ca/conservation
- **Manitoba Water Services Board:** 204-726-6706 or dmenon@gov.mb.ca
- **Manitoba Water Stewardship:** 204-945-6398 or www.gov.mb.ca/waterstewardship
- **Natural Resources Canada:** 613-995-094 or www.nrcan.gc.ca
- **Parks Canada:** www.pc.gc.ca
- **Riding Mountain National Park:** 204-848-7275 or www.pc.gc.ca/riding
- **Transport Canada:** 866-995-9737 or www.tc.gc.ca

Federal and Provincial Agencies

- **Manitoba Habitat Heritage Corporation:** 204-784-4350 or www.mhhc.mb.ca
- **Manitoba Wildlife Federation:** 204-633-5967 or www.mwf.mb.ca
- **Nature Conservancy Canada:** 204-942-6156 or www.natureconservancy.ca

Conservation Districts

- **Intermountain CD:** 204-742-3764, imcdadm@mts.net, or www.intermountaincd.com
- **Lake of the Prairies CD:** 204-564-2388, lpcd@mymts.net, or www.lpcd.mb.ca
- **Little Saskatchewan River Watershed CD:** 204-566-2270, lsrcd.admin@mts.net, or www.littlesaskatchewanrivercd.ca
- **Turtle River Watershed CD:** 204-447-2139, trwcd@mts.net, or www.trwcd.com
- **Upper Assiniboine River CD:** 204-567-3554, uarcd@mts.net, or www.uarcd.com
- **Whitemud Watershed CD:** 204-476-5019, whitemud@mts.net, or www.mts.net/~whitemud

Municipality, Village, Town, and City Offices

- **R.M. of Clanwilliam:** 204-636-2431, erikclan@mts.net, or www.townerickson.ca
- **City of Dauphin:** 204-622-3200, cao@dauphin.ca, or www.dauphin.ca
- **R.M. of Dauphin:** 204-638-4531 or rmofdphn@mts.net
- **Town of Erickson:** 204-636-2516, erikclan@mts.net, or www.townerickson.ca
- **R.M. of Gilbert Plains:** 204-548-2326, rmofgilbertplains@mts.net, or www.gilbertplains.com
- **Town of Gilbert Plains:** 204-548-2761, townofgp@mts.net, or www.gilbertplains.com
- **R.M. of Grandview:** 204-546-5080, rmgra@inetlink.ca, or www.rmofgrandview.ca
- **Town of Grandview:** 204-546-5250, townofgv@mts.net, or www.grandviewmanitoba.net
- **R.M. of Harrison:** 204-849-2107, rmharris@inetbiz.ca, or www.rmharrison.com
- **R.M. of McCreary:** 204-835-2309, rmmccreary@inetlink.ca, or www.exploremccreary.com
- **Village of McCreary:** 204-835-2341, mccreary@mts.net, or www.exploremccreary.com
- **R.M. of Ochre River:** 204-733-2423, rmochre@mts.net, or www.mts.net/~rmochre
- **R.M. of Park:** 204-848-7614, admin@rmofpark.ca, or www.rmofpark.ca
- **R.M. of Rosedale:** 204-476-5414 or rosedale@mts.net

- **R.M. of Rossburn:** 204-859-2779 or rsbrm@mts.net
- **Town of Rossburn:** 204-859-2022, town.rsb@mts.net, or www.town.rossburn.mb.ca
- **R.M. of Shellmouth-Boulton:** 204-564-2589, rmosb@mts.net, or www.inglismanitoba.com/rmsb
- **Municipality of Shoal Lake:** 204-759-2565, shoalake@goinet.ca, or www.shoallake.ca
- **R.M. of Silver Creek:** 204-773-2449 or silvercreek@wificountry.ca
- **Town of Ste. Rose du Lac:** 204-447-2229, sterose@mts.net, or www.sterose.ca
- **R.M. of Ste. Rose:** 204-447-2633, rmstrose@inetlink.ca, or www.sterose.ca
- **R.M. of Strathclair:** 204-365-2196, strathrm@inetbiz.ca, or www.strathclair.ca

Well Testing

- **ALS Laboratory Group:** 800-607-7555
- **Maxxam Analytics:** 204-772-7276

Invasive species:

- **Aquatic Invasive Species (Manitoba Water Stewardship):** 204-945-7100
- **Invasive Species of Manitoba:** 204-232-6201 or www.invasivespeciesmanitoba.com

Community Based Environmental Monitoring

- **Bird Studies Canada:** 888-448-2473 or www.bsc-eoc.org
- **Invading Species Watch:** 800-563-7711 or www.invadingspecies.com
- **Marsh Monitoring Program:** 888-448-2473 or www.bsc-eoc.org/mmpmain.html
- **Project Feeder Watch:** 888-448-2473 or www.birds.cornell.edu/pfw

Other Environmental Groups

- **Canadian Parks and Wilderness Society (Manitoba):** www.cpawsemb.org
- **Canadian Wildlife Federation (CWF):** 800-563-WILD (9453) or www.cwf-fcf.org
- **Ducks Unlimited Canada (DUC):** 800-665-DUCK (3825) or www.ducks.ca

Miscellaneous

- **Erosion Control Blanket:** 866-280-7327, mark@erosioncontrolblanket.com, or www.erosioncontrolblanket.com

Image Credits

- **Cover**
 - Courtesy of Robin O’Hagan
- **Riding Mountain National Park**
 - Courtesy of Riding Mountain National Park
- **Importance of Healthy Shorelines, Shoreline Buffers, Erosion, Household Products, Docks, and Permits and Approvals,**
 - Courtesy of the Department of Fisheries and Oceans Canada, www.dfo-mpo.gc.ca
- **Private On-Site Septic Systems**
 - Adapted from the Regional District of Nanaimo, www.rdn.bc.ca
- **Light and Noise Pollution**
 - Data courtesy Marc Imhoff of NASA GSFC and Christopher Elvidge of NOAA NGDC. Image by Craig Mayhew and Robert Simmon, NASA GSFC
- **Wildlife**
 - All images are entries from the 2011 Riding Mountain Biosphere Reserve Photo Contest (Frances Gauthier, Brent Dureau, Robin O’Hagan, Campbell Moss, and Sheila Theissen)
- **Fisheries**
 - **Slimy Sculpin:** NOAA, Great Lakes Environmental Research Laboratory
- **Species at Risk**
 - **Baird’s Sparrow:** Dominic Sherony, Wikimedia Commons, www.commonswikimedia.org
 - **Burrowing Owl:** Dori, Wikimedia Commons, www.commonswikimedia.org
 - **Ferruginous Hawk:** Jöshua Barnett, Wikimedia Commons, www.commonswikimedia.org
 - **Loggerhead Shrike:** Terry Ross, Wikimedia Commons, www.commonswikimedia.org
 - **Mule Deer:** Walter Siegmund, Wikimedia Commons, www.commonswikimedia.org
 - **Piping Plover:** Mdf, Wikimedia Commons, www.commonswikimedia.org
 - **Sprague’s Pipit:** Government of Alberta, Sustainable Resource Development, www.srd.alberta.ca
 - **Trumpeter Swan:** Dick Daniels, Wikimedia Commons, www.commonswikimedia.org
- **Invasive Species**
 - **Common Burdock:** John M. Randall, The Nature Conservancy, Bugwood.org
 - **Common Tansy:** Michael Shephard, USDA Forest Service, Bugwood.org
 - **Curly Leaf Pondweed:** Richard Old, XID Services, Inc., Bugwood.org; Chris Evans, River to River CWMA, Bugwood.org
 - **Dalmatian Toadflax:** Bob Nowierski, Montana State University, Bugwood.org
 - **Dutch Elm Disease:** Edward L. Barnard, Florida Department of Agriculture and Consumer Services, Bugwood.org
 - **Eurasian Waltermilfoil:** Barry Rice, sarracenia.com, Bugwood.org; Richard Old, XID Services, Inc., Bugwood.org
 - **European Buckthorn:** Robert Vidéki, Doronicum Kft., Bugwood.org; Jan Samanek, State Phytosanitary Administration, Bugwood.org; Paul Wray, Iowa State University, Bugwood.org
 - **European Frogbit:** Leslie J. Mehrhoff, University of Connecticut, Bugwood.org
 - **Flowering Rush:** Leslie J. Mehrhoff, University of Connecticut, Bugwood.org
 - **Himalayan Balsam:** Jan Samanek, State Phytosanitary Administration, Bugwood.org
 - **Houndstongue:** Steve Dewey, Utah State University, Bugwood.org; Mary Ellen (Mel) Harte, Bugwood.org

- **Hydrilla:** Robert Vidéki, Doronicum Kft., Bugwood.org
- **Invasive Phragmites:** Leslie J. Mehrhoff, University of Connecticut, Bugwood.org; Richard Old, XID Services, Inc., Bugwood.org
- **Leafy Spurge:** William M. Ciesla, Forest Health Management International, Bugwood.org; Chris Evans, River to River CWMA, Bugwood.org
- **Nodding Thistle:** James R. Allison, Georgia Department of Natural Resources, Bugwood.org; Steve Dewey, Utah State University, Bugwood.org
- **Ox-Eyed Daisy:** Steve Dewey, Utah State University, Bugwood.org; Mary Ellen (Mel) Harte, Bugwood.org
- **Purple Loosestrife:** Linda Wilson, University of Idaho, Bugwood.org; Norman E. Rees, USDA Agricultural Research Service - Retired, Bugwood.org
- **Red Bartsia:** sannse, Wikimedia Commons, www.commonswikimedia.org; Bernd Haynold, Wikimedia Commons, www.commonswikimedia.org
- **Reed Canary Grass:** Chris Evans, River to River CWMA, Bugwood.org; Richard Old, XID Services, Inc., Bugwood.org
- **Round Goby:** Center for Great Lakes and Aquatic Sciences Archive, University of Michigan, Bugwood.org
- **Rusty Crayfish:** Department of Fisheries and Oceans Canada
- **Salt Cedar:** Steve Dewey, Utah State University, Bugwood.org; Joseph M. DiTomaso, University of California - Davis, Bugwood.org
- **Scentless Chamomile:** Richard Old, XID Services, Inc., Bugwood.org; Bruce Ackley, The Ohio State University, Bugwood.org
- **Spiny Water Flea:** NOAA, Great Lakes Environmental Research Laboratory
- **Yellow Flag Iris:** Nancy Loewenstein, Auburn University, Bugwood.org; Todd Pfeiffer, Klamath County Weed Control, Bugwood.org
- **Yellow Toadflax:** Wendy VanDyk Evans, Bugwood.org; Dave Powell, USDA Forest Service, Bugwood.org
- **Zebra Mussels:** NOAA, Great Lakes Environmental Research Laboratory
- When to Work in Water
- **Lake Whitefish:** NOAA, Great Lakes Environmental Research Laboratory
- Planting with Native Species
- **Wild Red Columbine:** Nelson DeBarros @ USDA-NRCS PLANTS Database
- **Meadow Blazing Star:** Thomas G. Barnes @ USDA-NRCS PLANTS Database
- **Gaillardia:** www.callutheran.edu/cr
- **Wild Bergamot:** www.callutheran.edu/cr
- **Prairie Crocus:** Thomas G. Barnes @ USDA-NRCS PLANTS Database

All other images courtesy of the Riding Mountain Biosphere Reserve.

Sources

The information for the Riding Mountain Biosphere Reserve’s “Living by the Water’s Edge” was collected from a variety of sources. Most of the information was generously provided by the Centre for Sustainable Watersheds’ Living by the Water project.

- Centre for Invasive Species and Ecosystem Health (www.bugwood.org)
- Centre for Sustainable Watersheds (www.watersheds.ca)
- Department of Fisheries and Oceans (www.dfo-mpo.gc.ca)
- EcoLogo (www.ecologo.org)
- Fish and Lake Improvement Program for the Parkland Region (www.flippr.ca)
- Green Manitoba (www.greenmanitoba.ca)
- Invasive Species Council of Manitoba (www.invasivespeciesmanitoba.com)
- Manitoba Conservation and Waterstewardship (www.gov.mb.ca/conservation)
- Manitoba Habitat Heritage Corporation (www.mhhc.mb.ca)
- Manitoba Wildlife Federation (www.manitobahabitattrust.com)
- Nature Conservancy of Canada (www.natureconservancy.ca)
- Riding Mountain National Park (www.pc.gc.ca/riding)





Riding Mountain Biosphere Reserve

(204) 636-2085

www.rnbr.ca

rmbr@mymts.net