



See You Out There

NEBRASKA POND GUIDE



Private Waters
Program



Management Assistance for
Lakes, Ponds, Pits & Streams

INTRODUCTION OF SERIES

There have been many ponds constructed in Nebraska. Although most of them provide good fishing, there are some that do not because of improper construction, management, or conflicting uses. Ponds need to have good water quality, favorable aquatic habitat, and proper management in order to develop balanced fish populations that will achieve desired angling goals. It is also crucial that ponds have adequate water depths to prevent excessive growth of aquatic vegetation and to support aquatic life when adverse environmental conditions occur.

The Nebraska Pond Guide series was developed to provide an overview of information that owners can use to manage existing ponds or construct new ones. Information includes segments on pond construction, habitat modifications, stocking, management, potential maintenance problems, and other pond animals. By knowing what conditions can lead to problems, pond owners can correct or even prevent them. Consolidated information on these same topics is presented in the Nebraska

Pond Management handbook which can be seen on the Commission's home page (www.OutdoorNebraska.org).

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We thank the following state agencies whose pond management publications were utilized as guides for this publication: Kansas Department of Wildlife and Parks, Missouri Department of Conservation, Ohio Division of Wildlife, Virginia Department of Game and Inland Fisheries, and Iowa Department of Natural Resources.

POND GUIDE TOPICS

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RESOLVING COMMON MAINTENANCE PROBLEMS:

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TECHNICAL ASSISTANCE CONTACTS

Nebraska Game and Parks Commission (Commission)

2200 N 33rd Street PO Box 30370
Lincoln, NE 68503
Private Waters Specialist 402-471-5435
Natural Heritage Program 402-471-5419

Northwest (NW) District - Alliance

Game and Parks Commission
299 Husker Road PO Box 725
Alliance, NE 69301
308-763-2940
Fisheries Division or
Wildlife Habitat Partners Section

Northwest (NW) Field Office - Valentine

Valentine State Fish Hatchery
90164 Hatchery Road
Valentine, NE 69201
402-376-8080 or 402-376-2244

Southeast (SE) District - Lincoln

Game and Parks Commission
2200 N 33rd Street PO Box 30370
Lincoln, NE 68503
402-471-7651 or 402-471-5561
Fisheries Division or
Wildlife Habitat Partners Section

Northeast (NE) District - Norfolk

Game and Parks Commission
2201 N 13th Street
Norfolk, NE 68701
402-370-3374
Fisheries Division or
Wildlife Habitat Partners Section

Northeast (NE) Field Office - Bassett

Game and Parks Commission
524 Panzer Street PO Box 508
Bassett, NE 68714
402-684-2921
Fisheries Division or
Wildlife Habitat Partners Section

Southwest (SW) District - Kearney

Game and Parks Commission
1617 First Avenue
Kearney, NE 68847
308-865-5310
Fisheries Division or
Wildlife Habitat Partners Section

Southwest (SW) Field Office - North Platte

Game and Parks Commission
301 East State Farm Road
North Platte, NE 69101
308-535-8025
Fisheries Division or
Wildlife Habitat Partners Section



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United States Department of Agriculture - Natural Resources Conservation Service (NRCS)

Federal Building, Room 152
100 Centennial Mall North
Lincoln, NE 68508
Statewide Wildlife Biologist
402-437-4100
or contact Local County Office

University of Nebraska - Lincoln, Cooperative Extension

211 Agricultural Hall - UNL East Campus
Lincoln, NE 68583
Main Office 402-472-2966
or contact Local County Office;
Water Quality Questions 402-643-2981, ext. 115

Nebraska Department of Natural Resources (DNR)

301 Centennial Mall South, PO Box 94676
Lincoln, NE 68509
Water Storage Permits 402-471-2363 or
Dam Safety Guidelines 402-471-1222

U.S. Army Corps of Engineers (ACOE)

8901 S. 154th Street, Suite 1
Omaha, NE 68138 402-896-0723
or contact the Kearney office at:
1430 Central Avenue
Kearney, NE 68847
308-234-1403

Nebraska Department of Environmental Quality (NDEQ)

1200 N Street, PO Box 98922
The Atrium, Suite 400
Lincoln, NE 68509
402-471-0096

Nebraska Association of Resources Districts (NARD)

601 S. 12th Street, Suite 201
Lincoln, NE 68508
402-471-7670
or contact your local Natural Resources District (NRD)
listed in White Pages of the phone book



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LIST OF AQUATIC CONSULTANTS AND SERVICES PROVIDED

The Nebraska Game and Parks Commission does not promote or endorse personnel, agencies or companies that are not part of Nebraska state government, but provides a listing as a service. If you would like to request a copy of the listing or would like to be considered for any of the services listed, contact the Private Waters Specialist at the Commission's headquarters (402-471-5435).

The listing contains individuals and/or companies that provide the following services:

Complete Ecological Consulting Services (includes design and construction guidelines)

Construction Contractors

Fisheries/Lake Management

(lake, fisheries and water quality assessment and/or management along with vegetation control)

Aeration Systems

Water Testing

Vegetation Sources

Lake Dredging/Deepening (lakes should be drained and excavated when feasible)

Shoreline Stabilization/Fish Habitat Structures

Pond/Lake Sealing

Flowing Water Filter System

Aquatic Vegetation Control (chemical dealers and chemical applicators)

Clarity Improvement for Turbid Water

Lake Mapping



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OTHER SOURCES OF INFORMATION

Producing Fish and Wildlife from Kansas Ponds, Kansas Department of Wildlife and Parks,
512 SE 25th Avenue, Pratt, Kansas 67124

Missouri Pond Handbook, Missouri Department of Conservation,
PO Box 180, Jefferson City, Missouri 65101

Ohio Pond Management Handbook - a guide to managing ponds for fishing and attracting wildlife,
Ohio Division of Wildlife, 1840 Belcher Drive, Columbus, Ohio 43224

Management of Virginia Ponds for Fishing, Virginia Department of Game and Inland Fisheries,
4010 West Broad Street, PO Box 11104, Richmond, Virginia 23230

Iowa's Farm Ponds, Iowa Department of Natural Resources,
Wallace State Office Building, Des Moines, Iowa 50319

Ponds - Planning, Design, Construction, Agriculture Handbook Number 590,
United States Department of Agriculture, Natural Resources Conservation Service offices

What's Bugging That Fish? - an angler's guide to fish diseases and parasites,
Nebraska Game and Parks Commission and University of Nebraska State Museum

Nebraska Pond Management,

Nebraska Game and Parks Commission homepage: www.OutdoorNebraska.org/Fishing/Programs
Click on the following: *Private Waters, Pond Management Handbook*.

This is a handbook on Pond Construction, Habitat Modifications, Stocking, Management,
Potential Maintenance Problems and Other Pond Animals (consolidated Pond Guide information).

LakeLine and/or Lake & Reservoir Management (multiple publications on managing lakes and reservoirs),
North American Lake Management Society, 4513 Vernon Blvd., Suite 100,
Madison, WI 53705 or www.nalms.org

LakeSmarts - The First Lake Maintenance Handbook - A Do-It-Yourself Guide to Solving Lake Problems,
Terrene Institute, 1717 K Street, NW, Suite 801, Washington, DC 20006

Small Impoundment Management in North America,
American Fisheries Society, 5410 Grosvenor Lane, Suite 100, Bethesda, MD 20814