

**RAY TOWNSHIP**

64255 WOLCOTT, RAY TWP MI 48096  
586-749-5171 / FAX 586-749-6190

COMPLETE ORDINANCE AVAILABLE AT WWW.RAYTOWNSHIP.ORG

Monday thru Thursday 9:00 a.m. to 5:00 p.m.

**REQUIREMENTS FOR A POND PERMIT**

1. Completed and signed application form.
2. Site Plan (3 copies)
3. Soil Erosion Permit, Act #347 (Macomb County Drain Commission, 21777 Dunham, Clinton Township, MI (586) 469-5327)
4. PLAN REVIEW FEE \$50.00 due with application. (non-refundable)
5. \$500.00 CONSTRUCTION BOND required when permit is issued. Bond will be refunded at time of final approval of pond if the permit has not expired.
6. PERMIT FEE: Required when permit is issued. See fee schedule.
- F. Farm, fish and recreation ponds or aesthetic landscaping ponds, subject to the following:
  1. A site plan shall be submitted to and approved by the Building Inspector.
  2. Ponds shall only be of an excavation type, as defined by the Soil Conservation Service engineering standard, and all ponds shall be constructed to the SCS standards (see Standard 378 of the Soil Conservation Service, as amended).
  3. No commercial activities, including public fishing, shall be allowed.
  4. The pond shall be a minimum distance of fifty (50) feet from the property line of abutting lands.

5. In the event the owner wishes to sell or the excavated materials off the site, he shall conform with the requirements of the mining and extraction ordinances of the Township.
6. Any artisan well or other water overflow from a pond that could affect adjacent property shall be provided with adequate drainage.
7. Ponds shall be a minimum of ten (10) feet deep over twenty-five (25 %) percent of the pond's surface area.
8. Ponds shall be located a minimum of one hundred (100) feet from the septic tank or field.
9. Contaminated surface water shall be diverted around all ponds.
10. Ponds shall be constructed in such a manner that runoff, overflow, spillage or seepage shall not encroach upon adjacent properties owned by another person.
11. Ponds shall have warning signs and lifesaving equipment, as required by the State of Michigan:
  - a. Warning sign saying "WARNING DEEP WATER" Signs are available at the Township office for a cost of \$5.00 each.
  - b. Life ring with rope you can throw to the middle of the pond.
12. 50' from well.

General Provisions

Districts / Uses

Development Regulations

Process / Development

Zoning Board of Appeals and Nonconforming

Administration

Zoning Map

SECTION 207 DWELLINGS IN OTHER THAN MAIN STRUCTURE.

A. No accessory building or structure shall be converted to living quarters on a lot where a residential dwelling exists. On a lot where no residential dwelling exists, an accessory building or structure may be converted to a residential dwelling provided all residential codes are met.

SECTION 208 FARM, FISH AND RECREATION PONDS OR AESTHETIC LANDSCAPING PONDS.

A. A plot plan shall be submitted to and approved by the Building Inspector.  
 B. Ponds shall only be of an excavation type.  
 C. No commercial activities, including public fishing, shall be allowed.

D. The pond shall be a minimum distance of fifty (50) feet from the property line of abutting lands.

E. In the event the owner wishes to sell or otherwise remove the excavated materials from the site, he shall conform to the requirements of the mining and extraction ordinances of the Township.

F. Any artisan well or other water overflow from a pond that could affect adjacent property shall be provided with adequate drainage.

G. Ponds shall be a minimum of ten (10) feet deep over twenty-five (25%) percent of the pond's surface area.

H. Ponds shall be located a minimum of one hundred (100) feet from the septic tank or field.

I. Contaminated surface water shall be diverted around all ponds.

J. Ponds shall be constructed in such a manner that runoff, overflow, spillage or seepage shall not encroach upon adjacent properties owned by another person.

K. Ponds shall have warning signs and lifesaving equipment, as required by the State of Michigan.

SECTION 209 GARAGE AND BASEMENT DWELLINGS.

A. Basement or garage dwellings which constitute a second separate dwelling are prohibited.

SECTION 210 LOT LIMITATIONS.

A. Within the Township's single family residential districts one (1) dwelling unit shall be permitted per lot, parcel or unit.

REVISED 2/3/04

ANY ADDITIONAL INSPECTIONS REQUIRED WILL BE CHARGED AT THE "PER  
INSPECTION REQUIRED" FEE ABOVE. RE-INSPECTION FEE \$50.00.  
ELECTRICAL, MECHANICAL AND PLUMBING PERMITS ARE SEPARATE PERMITS.

PLAN REVIEW FEE: \$50.00 (non-refundable)  
PERMIT FEE: \$100.00 PLUS REQUIRED INSPECTIONS  
PER INSPECTION REQUIRED: \$50.00

DEMOLITION:

PLAN REVIEW FEE: \$50.00 (non-refundable)  
PERMIT FEE: \$20.00 PLUS REQUIRED INSPECTIONS  
PER INSPECTION REQUIRED: \$50.00

ABOVE GROUND POOLS (INCLUDES UP TO 36 SQ. FT. DECK)  
FENCE THAT REQUIRES A FOOTING  
HANDICAP RAMP  
MISCELLANEOUS

DETACHED ACCESSORY STRUCTURES UNDER 200 SQ. FT., NO PERMIT  
REQUIRED.

ACCESSORY BUILDINGS: \$20.00 "AFFIDAVIT OF ZONING  
COMPLIANCE" FEE

PLAN REVIEW FEE: \$50.00 (non-refundable)  
PERMIT FEE: \$100.00 PLUS REQUIRED INSPECTIONS  
PER INSPECTION REQUIRED: \$50.00

ACCESSORY BUILDINGS  
DECK  
DETACHED GARAGE  
GAZEBO  
IN-GROUND POOLS  
RATIO  
POND  
PORCH

**RAY TOWNSHIP  
BONDS REQUIRED FOR BUILDING  
REVISED 7/21/03**

ALL BONDS PAID FOR AT TIME WHEN BUILDING PERMIT IS ISSUED.

RESIDENTIAL COMMERCIAL:	TO 3,499 SQ FT: \$ 1,000.00 3,500 SQ FT & OVER: \$ 2,000.00
ADDITIONS	TO 499 SQ FT: \$ 500.00 3,499 SQ FT: \$ 1,000.00 3,500 SQ FT & OVER: \$ 2,000.00
ACCESSORY BUILDING DETACHED GARAGE DECK GAZEBO IN-GROUND POOL PATIO POND PORCH	\$ 500.00
ABOVE GROUND POOLS	\$ 250.00
DEMOLITION RESTORATION/ALTERATION/REPAIR	BASED ON VALUE / MINIMUM \$500.00
SIGNS	\$500.00
FENCE	\$500.00

W/FBSCHRB  
APPROVED 3/21/00  
UPDATED 11/15/01  
REVISED 7/21/03

POND INFORMATION

**PURPOSE:** Ponds serve many purposes and are an important source of water for fish production, wildlife habitat, livestock, irrigation, fire protection, recreation, etc. Most ponds in Macomb County were built primarily for fish production with one or more of the other uses as secondary benefits.

**TYPE:** There are two types of ponds: Excavated and fill or dam. The excavated pond is constructed by digging a pit in impervious soils to contain surface runoff or in a soil having a stable high water table. Topography restrictions limit the number of ponds constructed by building a dam across a natural water course.

**SIZE:** Ponds for fish should be 1/4 acre or larger. Smaller ponds are suitable for other uses. Ponds 5 acres and over require a permit from the Department of Natural Resources. Most fish ponds in Macomb County are from 1/4 to 1/2 acre in size e.g. 80 to 90 feet wide, 200 to 250 feet long, and 10 to 20 feet deep.

**DEPTH:** Fish ponds under 1 acre in size should have a water depth of 12-15 feet in 25-40% of the pond. Shallow ponds, 1 to 3 feet deep, are best suited for waterfowl. Other ponds should be at least 6 feet deep.

**WATER SUPPLY:** Water for a pond may come from a high water (at or near the surface), springs, wells, streams, or surface runoff. Most ponds in Macomb County are dug in soils with a high water table (water table should be exposed and observed for one full season before building the pond if the site is questionable). Many ponds however, rely on surface runoff for their water supply. As a rule of thumb, about 10 acres of drainage area is needed for each acre of pond. Very large drainage areas cause problems if part of the water is not diverted around the pond. Generally, 5 to 10 acres of drainage into a 1/2 acre pond is about right.

**WATER QUALITY:** The quality of the water in a pond should not be a problem if there is an adequate supply of clean water. This means no runoff from barnyards, feedlots, septic tanks or other polluted sources.

**SOIL:** The excavated material may be leveled over the area around the pond. When leveled, you should not exceed 3 feet in depth and allow entry of surface water into the pond. The excavated soil may also be hauled away and used elsewhere.

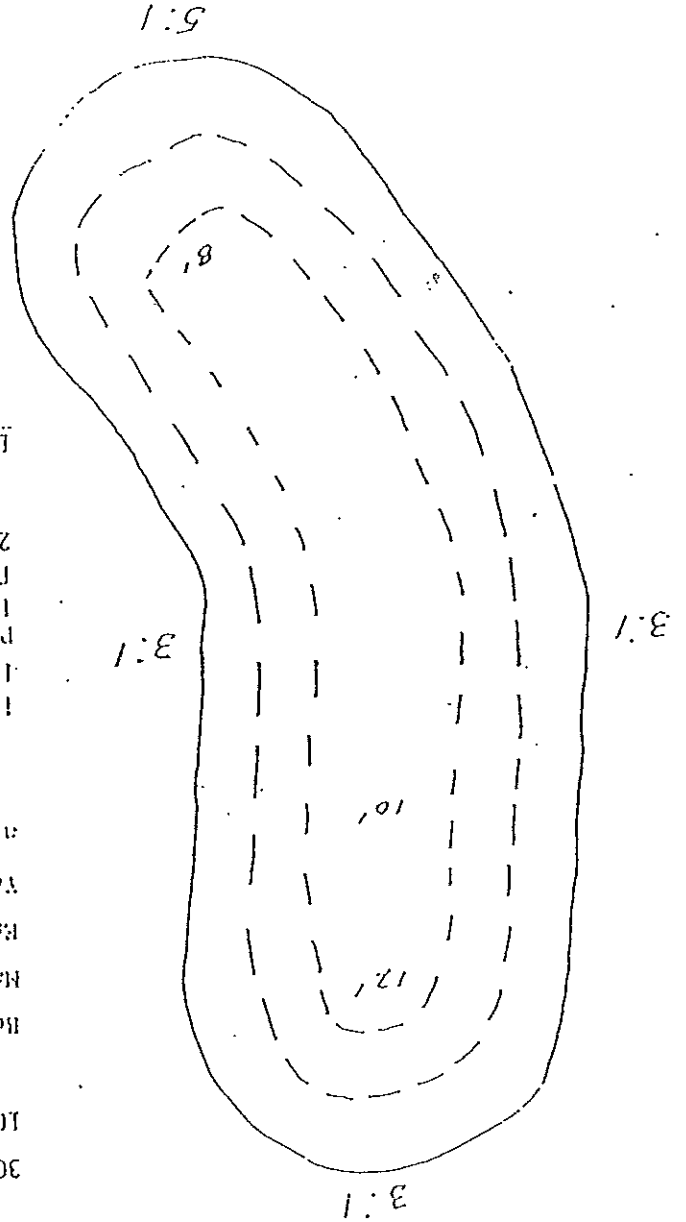
**EROSION CONTROL:** All of the disturbed area around the pond should be seeded with adopted grasses and legumes. Best

$$\frac{300' \times 100' \times 10' \text{ (avg.)}}{1" = 50'}$$

300' long  
100' wide  
10' deep avg.  
Berm back 10'  
Max. ht. 3 ft., 4:1 side slopes  
Fct. Co. Yards = 6157  
Yd. each additional foot = 25 cu. yd.  
at 100' at 10' deep.

SEEDING

1 lb. Creeping Red Fescue  
1/2 lb. Domestic Ryegrass  
per 1000 sq. ft.  
10 lbs. 15-15-15 or equivalent  
fertilizer per 1000 sq. ft.  
2 bales of straw per 1000 sq. ft. mulch.  
LIVE SAFETY STATION REQUIRED



$$\frac{24,750 + 67000 + 8000}{162} \times 10 = 6157$$

Ray Mi. 48096

20301 29 Mile

Ray Twp. Fire & Rescue

810-749-0004

Twp. Offices  
Fire Station

Please mail To:

Fax to:

Drop off at:

\_\_\_\_\_

Address \_\_\_\_\_

Signed \_\_\_\_\_

Signed \_\_\_\_\_

Date: \_\_\_\_\_

As part of my voluntary contribution to my community; and to the Ray Twp. Fire & Rescue Department. I/We the undersigned do hereby consent and agree that the Fire & Rescue Department may take and use without cost or liability all of the necessary water from the property owned possessed or controlled by the undersigned. The undersigned also agrees to have the Fire Department place a "P" on the address post for their property identifying that property as a source of water for the community in an emergency.

CONSENT TO USE WATER FORM

20301 29 MILE ROAD • RAY, MICHIGAN 48096

JIM DIMARIA — 784-9449  
FIRE CHIEF



RAY TOWNSHIP FIRE & RESCUE

FIRE HALL — 749-3059  
STATION 310 KYX 277