

POND EXCAVATION CHECKLIST

Shiawassee County Community Development
201 N. Shiawassee Street
Surbeck Building, Third Floor
Corunna, MI 48817
(989) 743-2396
comdev@shiawassee.net

- _____ 1. **Zoning Permit Application:** Completed application with Notarized signature.

- _____ 2. **Proof of Ownership** if purchased within the last year.

- _____ 3. **Site Plan:** Showing setbacks from property lines, center of the road, and any other structures. Must include pond size, depth, exterior & interior slope and proposed safety station and/or fencing. Also indicate well and septic locations.

- _____ 4. **Soil Erosion & Sedimentation Control Permit:** Applications are obtained from the Shiawassee County Environmental Health Office, located in the Surbeck Building. We require a copy of the permit or waiver if no permit is required.

- _____ 5. **Plans for Spoils created from Pond:** No material can be removed from the site unless on approved Special Use Permit has been granted for Surface Mining Permit, as outlined in Section 4.3.67 of the Shiawassee County Zoning Ordinance.

Zoning Ordinance- Article 5- Supplemental Regulations

Section 5.2.4.B.

B. Creation of Residential Ponds Larger Than Two (2) Acres. A manmade excavation or impoundment of surface water designed to retain or detain water with a surface area of larger than two (2) acres is subject to the following regulations:

1. A pond larger than two (2) acres is a special use in all zoning districts.
2. No person shall commence the excavation, dredging, or construction of a dam that is designed, intended or results in the creation or enlargement of a pond without first making application for and receiving a Zoning Permit approving the specific plans for a pond.
3. An application for a Zoning Permit for a pond shall be made pursuant to Section 16.5 of this Ordinance. Notice shall also be given to applicable Township.
4. Applications for ponds larger than two (2) acres which are located within 500 feet of a lake, river, stream or open County drain shall be required to be submitted to the Michigan Department of Environmental Quality to determine the extent to which the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, apply to the proposal.
5. Ponds (or manmade lakes) in excess of two (2) acres shall be considered major site plans under Section 14.3.3.A.
6. Plans for ponds shall indicate the size, depth, and proposed finished grade of the land both above and below water level, any proposed fencing location and specifications. In addition, the applicant shall indicate sources of water being used to supply the pond (such as stream impoundment, surface water runoff, springs, and wells).
7. No pond shall be closer than fifty (50) feet from any property line, easements for egress, dwelling units, septic drainage fields and domestic wells.
8. Ponds on parcels of less than 20 acres in size that are not enclosed by a four (4) foot high fence shall be required to provide and maintain one or more safety stations in compliance with the following:
 - a. U.S. Coast Guard approved ring buoys securely connected to forty (40) feet of rope mounted on posts located at 500 feet intervals around the perimeter of the pond.
 - b. A twelve-(12) foot long pole shall be attached to one (1) safety station.
9. Before issuance of a Special Use Permit, there shall be filed by the applicant a surety bond at \$4,000 per acre executed by a reputable surety company authorized to do business in the State of Michigan, or irrevocable letter of credit, or cash bond pursuant to the requirements of Section 16.10 running to Shiawassee County, condition upon the prompt compliance with all provisions of this Section and the requirements of the County and State.

C. Creation of Residential Ponds Less than Two (2) Acres. A manmade excavation or impoundment of surface water designed to retain or detain water with a surface area of less than two (2) acres is subject to the following regulations:

1. A pond less than two (2) acres is an accessory use in all zoning districts.
2. No person shall commence the excavation, dredging, or construction of a dam that is designed, intended or results in the creation or enlargement of a pond without first making application for and receiving a Zoning Permit approving the specific plans for a pond.
3. Applications for ponds less than two (2) acres which are located within 500 feet of a lake, river, stream, or open County drain shall be required to be submitted to the Michigan Department of Environmental Quality to determine the extent to which the Natural Resources and Environmental Protection Act, Public Act 451 of 1994, apply to the proposal.
4. An application for a zoning permit for a pond shall be made pursuant to Section 16.5 of this Ordinance.
5. Proposed ponds of less than two (2) acres in size shall be considered under Section 14.3.3.b., Minor Site Plan.
6. Plans for ponds shall indicate the size, depth, and proposed finished grade of the land both above and below water level, any proposed fencing location and specifications. In addition, the applicant shall indicate sources of water being used to supply the pond (such as stream impoundment, surface water runoff, springs, and wells).
7. No pond shall be closer than fifty (50) feet from any property line, easements for egress, dwelling units, septic drainage fields and domestic wells.
8. Ponds on parcels of less than 20 acres in size, that are not enclosed by a four (4) foot high fence shall be required to provide and maintain one or more safety stations in compliance with the following:
 - a. U.S. Coast Guard approved ring buoys securely connected to forty (40) feet of rope mounted on posts located at 500 feet intervals around the perimeter of the pond.
 - b. A twelve-(12) foot long pole shall be attached to one safety station.
9. Every effort shall be made to keep excavated soil material on the same parcel as the pond. Excavated materials used for grading around the pond shall not be placed closer than twelve (12) feet to the edge of the excavation and must meet State of Michigan Soil Erosion and Sedimentation Control requirements.
10. All ponds shall be completed sixty (60) days following issuance of the zoning permit.
11. Before issuance of a zoning permit, there shall be filed by the applicant a Surety Bond at \$4,000 per acre executed by a reputable surety company authorized to do business in the State of Michigan, or Irrevocable Letter of Credit, Cash Bond pursuant to the requirements of Section 16.10 running to Shiawassee County, condition upon the

prompt compliance with all provisions of this Section and the requirements of the County and State.

D. Agricultural Ponds less than five (5) acres in size are permitted without regard to the eleven (11) previous subsections if:

1. The pond is used as a bona fide commercial agricultural or horticulture operation in an A-1, A-1½, or A-2 district. The pond is designed and installed according to the USDA Natural Resources Conservation Service's Technical Guide Pond standard and specifications (#378) by a qualified engineer.

2. Agricultural ponds greater than five (5) acres shall require the project to conform to Section 4.3.67, surface mining.

POND EXCAVATION WORKSHEET
(To be attached with a Zoning Permit Application)

1. Parcel size (acreage) _____.
2. Proposed pond size - _____x _____.
3. Proposed depth of pond - _____.
(I.e. 6 ft deepest point)
4. Finished grade – exterior grade around pond _____.
Finished grade – interior grade around pond _____.
(I.e. 4-to-1 slope)
5. Water source proposed to supply pond - _____.
6. Setbacks (distance from):
Front yard setback from road right-of-way _____.
Side yard setbacks from pond edge to boundary lines _____
_____.
Setback from a river, lake, stream, county drain _____
_____.
Setback from dwelling - _____.
Setback from septic and drain field - _____.
Setback from well - _____.
7. Safety Station(s) – Location on site plan, spacing, and type:
Ring Buoy (every 500 feet) hooked to a 40' rope _____.
12 foot pole attached to one safety station _____.
8. Plans for excavated materials from the proposed pond project: _____

(if used on site to be included on site plan)
9. Soil Erosion and Sedimentation Control Permit # _____.
10. Michigan Department of Environmental Quality (M.D.E.Q.) Permit # _____
_____.
11. Attached site plan verifying above information.

Application for a Zoning Permit

Shiawassee County Community Development Department
 Surbeck Building, 3rd Floor
 201 N. Shiawassee Street, Corunna MI 48817
 Phone: (989) 743-2396 Fax: (989) 743-2393
 Email: comdev@shiawassee.net

App. Date: _____ Receipt # _____ Fee: \$ _____ Permit # _____
 Review Date: _____ Approved Denied By: _____

Property Address/Location		Applicant (if not Owner)	
Address/Street: _____		Name: _____	
Nearest Cross Road: _____		Address: _____	
Township: _____		City/State/Zip: _____	
Parcel Number: _____		Phone: _____	
Zoning District: _____		Fax/Email: _____	
Owner Information		If New Construction or Addition	
Name: _____		Please Attach All That Apply:	
Address: _____		<input type="checkbox"/> Land Division Certificate <input type="checkbox"/> Survey	
City/State/Zip: _____		<input type="checkbox"/> Proof of Ownership	
Phone: _____		<input type="checkbox"/> Septic Permit # _____ <input type="checkbox"/> Well Permit # _____	
Fax/Email: _____		<input type="checkbox"/> Driveway Permit <input type="checkbox"/> Soil Erosion Permit	
		<input type="checkbox"/> New Address	
Type of Request		Yes	No
<input type="checkbox"/>	Principal Structure		For All Applications
<input type="checkbox"/>	Accessory Structure		Did you attach a "Site Plan Drawing"?
<input type="checkbox"/>	Agricultural		Are you making grade (earth) changes?
<input type="checkbox"/>	Temporary Structure/Use		Are you creating a pond?
<input type="checkbox"/>	Demolition Permit		Is your project within 500ft. of surface water?
<input type="checkbox"/>	Sign		Is your project exclusively for agricultural use?
<input type="checkbox"/>	Home Occupation		Is this site currently violating the Ordinance?
<input type="checkbox"/>	Pond and/or Grading		For Sign Permits Only
<input type="checkbox"/>	Deck or Porch		Type of Business: _____
<input type="checkbox"/>	Pool		Total display area in square feet: _____
<input type="checkbox"/>	Private Kennel		Proposed setback from Right-of-Way: _____
<input type="checkbox"/>	Outdoor Solid Fuel Furnace		Sign height: _____ Sign purpose: _____
<input type="checkbox"/>	Shared Driveway		Type: <input type="checkbox"/> Pole <input type="checkbox"/> Ground <input type="checkbox"/> Wall <input type="checkbox"/> Other
<input type="checkbox"/>	Buildable Lot Study		Height and width of wall: _____
<input type="checkbox"/>	Hazardous Material Storage		Attach sign drawing showing copy <input type="checkbox"/>
<input type="checkbox"/>	Other: _____		

Describe Proposed Building or Land Use:

AFFIDAVIT OF COMPLIANCE

I am the owner of, or the authorized agent of the owner, of the lot (parcel of land) described and shown on the attached site plan. I am familiar with the Shiawassee County Zoning Ordinance, including the related laws listed in Section 16.5.3. I hereby attest based upon my knowledge and belief that this request is complete, in compliance with, and warrants approval under the Shiawassee County Zoning Ordinance of 1999, as amended.

Signature of Applicant

Date

SHIAWASSEE COUNTY ZONING SITE PLAN GRID

NAME PROJECT ADDRESS

LOT SIZE: or NUMBER OF ACRES

(SEE REVERSE SIDE FOR INSTRUCTOINS)

CENTER LINE OF ROAD

Requirements:

- List all setbacks from lot lines
- Indicate all buildings with their demensions and the distance between all structures.
- Utility lines, well, septic and drainfield listed
- Driveway location and distance from nearest lot line
- List any unique features i.e. pond, river, wooded area, etc.

SAMPLE

SHIAWASSEE COUNTY ZONING SITE PLAN GRID

NAME: JOHN DOE PROJECT ADDRESS: 1000 E. COOPER RD.
LOT SIZE: 200 X 320' NUMBER OF LOTS: 2

