

**State of Michigan
Department of Environmental Quality**

Land and Water Management Division
525 West Allegan St, 4th Fl.
Lansing MI, 48933
517-373-7055

File No. 06-78-0022-P

Date: November 21, 2006

PUBLIC NOTICE

City of Corunna, Joseph Sawyer, 402 N. Shiawassee, Corunna, MI 48817, has applied to this office for a permit under authority of Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The applicant proposes to temporarily brace walls associated with the stop log bay on the Shiawassee River dam in the City of Corunna for the purpose of preventing the dams collapse. Materials to be used to shore up walls include 10 cubic yards of flowable fill, horizontal and diagonal angle iron bracing and attachments. Backwaters of the dam will be temporarily diverted around the construction area. The project is located in T7N, R3E, Section 21, Caledonia Township, Shiawassee County, Michigan, in accordance with plans attached to this notice.

THIS NOTICE IS NOT A PERMIT

The proposed project may also be regulated by one or more additional parts of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, that are administered by the Land and Water Management Division (LWMD). The requirements of applicable parts are considered in determining if it is in the public interest to issue a permit.

When a permit application is received requesting authorization to work in floodplains of the State of Michigan, pursuant to the FLOODPLAIN REGULATORY AUTHORITY FOUND IN PART 31, WATER RESOURCES PROTECTION, OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, copies of the application are distributed for public review to determine environmental impacts that may result from the proposed work.

The normal review of a permit application considers the impacts the encroachment will have on flood stage or discharge characteristics, but does not consider the impact that the proposed work will have on the local community development and land use patterns.

Those persons wanting to make comments on the proposed work shall furnish this office with their written comments no later than 20 days from the date of this notice. All responses should reference the above file number.

cc: DNR, Fisheries – Bay City
DNR, Wildlife – Rose Lake
Shiawassee Co. Clerk
Shiawassee Co. Drain Comm.
City of Corunna, applicant
Dam Safety, DEQ

History Division
Shiawassee Co. Health Dept.
Caledonia Township Clerk
Shiawassee Soil Conservation Dist.
Spicer Group, consultant
See file for adjacent property owners



AGENCY USE	Previous USACE Permit or File Number	RECEIVED NOV 16 2006 DEQ-LANSING, MI LAND AND WATER MANAGEMENT	Land and Water Management Division, MDEQ File Number 06-78-0022-9	AGENCY USE
	USACE File Number		Marina Operating Permit Number	
			Fee received \$ OK# 30340 \$200.⁰⁰	

• Complete all items in Sections 1 through 9 and those items in Sections 10 through 21 that apply to the project. Clear drawings and cross sections must be provided.

1 PROJECT LOCATION INFORMATION

• Refer to your property's legal description for the Township, Range, and Section information, and your property tax bill for your Property Tax Identification Number(s).

Address <i>City of Corunna Dam</i>		Township Name(s) <i>Caledonia</i>	Township(s) <i>7N</i>	Range(s) <i>3E</i>	Section(s) <i>21</i>
City/Village <i>City of Corunna</i>	County(ies) <i>Shiawassee</i>	Property Tax Identification Number(s)			
Name of Waterbody <i>Shiawassee River</i>	Project Name or Job Number <i>112536.06</i>	Subdivision/Plat	Lot Number	Private Claim	
Project types (check all that apply)		<input type="checkbox"/> private	<input checked="" type="checkbox"/> public/government	<input type="checkbox"/> industrial	<input type="checkbox"/> commercial
		<input type="checkbox"/> building addition	<input type="checkbox"/> new building or structure	<input type="checkbox"/> building renovation or restoration	<input type="checkbox"/> river restoration
		<input type="checkbox"/> other (explain)			<input type="checkbox"/> multi-family <input type="checkbox"/> single-family
The proposed project is on, within, or involves (check all that apply)					
<input type="checkbox"/> a stream	<input type="checkbox"/> a pond (less than 5 acres)	<input type="checkbox"/> a Great Lake or Section 10 Waters	<input type="checkbox"/> a natural river	<input type="checkbox"/> a new marina	
<input type="checkbox"/> a river	<input type="checkbox"/> a channel/canal	<input type="checkbox"/> a designated high risk erosion area	<input checked="" type="checkbox"/> a dam	<input type="checkbox"/> a structure removal	
<input type="checkbox"/> a ditch or drain	<input type="checkbox"/> an inland lake (5 acres or more)	<input type="checkbox"/> a designated critical dune area	<input type="checkbox"/> a wetland	<input type="checkbox"/> a utility crossing	
<input type="checkbox"/> a floodway area	<input checked="" type="checkbox"/> a 100-year floodplain	<input type="checkbox"/> a designated environmental area	<input type="checkbox"/> 500 feet of an existing waterbody		

2 DESCRIBE PROPOSED PROJECT AND ASSOCIATED ACTIVITIES, AND THE CONSTRUCTION SEQUENCE AND METHODS

• Attach separate sheets, as needed, including necessary drawings, sketches, photographs, aeriels, or plans.
This project is a temporary repair to the dam to prevent it from failing until a permanent solution can be developed. Bracing will be installed inside the stoplog bay to brace and support the existing walls from collapsing.

3 APPLICANT, AGENT/CONTRACTOR, AND PROPERTY OWNER INFORMATION

• The applicant can be either the property owner or the person or company that proposes to undertake the activity.
 • If the applicant is a corporation, both the corporation and its owner must provide a written document authorizing the agent/contractor to act on their behalf.

Applicant (individual or corporate name) <i>Joseph S. Sawyer</i>	Agent/Contractor (firm name and contact person) <i>Mark A. Latsch, P.E.</i>
Mailing Address <i>402 N. Shiawassee</i>	Address <i>230 S. Washington P.O. Box 1689</i>
City <i>Corunna</i> State <i>MI</i> Zip Code <i>48817</i>	City <i>Saginaw</i> State <i>MI</i> Zip Code <i>48605</i>
Daytime Phone Number with Area Code <i>989-743-3650</i>	Daytime Phone Number with Area Code <i>989-754-4717</i>
Cell Phone Number <i>-N/A-</i>	Cell Phone Number <i>-N/A-</i>
Fax <i>989-743-4417</i>	Fax <i>989-754-4440</i>
E-mail <i>citymanager@corunna-mi.gov</i>	E-mail <i>markl@spicergroup.com</i>

Is the applicant the sole owner of all property on which this project is to be constructed and all property involved or impacted by this project? No Yes
 If No, provide a letter signed by the property owner authorizing the agent/contractor to act on his or her behalf or a copy of easements or right-of-ways. If multiple owners, attach all property owners' names, mailing addresses, and telephone numbers. Disclose any DEQ conservation easements or other easements, deed restrictions, leases, or any other encumbrance upon the property in the project area. A copy of the land restriction must be provided.

Property Owner's Name (if different from applicant)	Mailing Address
Daytime Phone Number with Area Code	City
Cell Phone Number	State
	Zip Code

4 PROPOSED PROJECT PURPOSE, INTENDED USE, AND ALTERNATIVES CONSIDERED (Attach additional sheets if necessary)

• The purpose must include any new development or expansion of an existing land use.
 • Include a description of alternatives considered to avoid or minimize resource impacts. Include factors such as, but not limited to, alternative construction technologies; alternative project layout and design; alternative locations; local land use regulations and infrastructure; and pertinent environmental and resource issues.
 • For utility crossings, include both alternative routes and alternative construction methods.

The project consists of shoring up the existing concrete walls in the stoplog portion of the dam to prevent the walls from collapsing. The alternative option is to do nothing; this is not feasible since doing nothing may mean the collapse of the walls.



5 LOCATING YOUR PROJECT SITE

- Provide the requested information listed below to help staff locate your project site.
- Attach a copy of a map, such as a plat, county, or USGS topographic map, clearly showing the site location and include an arrow indicating the north direction.
- Project area must be staked at the time of application submittal.

Is there an access road to the project? No Yes (If Yes, type of road, check all that apply) private public improved unimproved

Name of roads at closest main intersection *Corunna Avenue* and *Shiawassee Road*

Directions from main intersection *North on Shiawassee Rd from Corunna Ave. past Mack Rd over the Shiawassee River past Mill Street and approx. 500 feet past Mill street on the east side is the Corunna Dam*

Style of house or other building on site ranch 2-story cape cod bi-level cottage/cabin pole barn none other (describe)

Color Color of adjacent property house and/or buildings

House number Address is visible on house garage mailbox sign other (describe)

Street name Fire lane number Lot number

How can your site be identified if there is no visible address? *The site is on the east side of Shiawassee Road at the Dam in the Shiawassee River, in the City of Corunna, there is a white house north of the property*

Provide directions to the project site, with distances from the best and nearest visible landmark and waterbody

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LAND AND WATER MANAGEMENT

Does project cross boundaries of two or more political jurisdictions? (City/Township, Township/Township, County/County, etc.)

No Yes (If Yes, list jurisdiction names.)

6 List all other federal, interstate, state, or local agency authorizations required for the proposed activity, including all approvals or denials received.

Agency	Type approval	Identification number	Date applied	Date approved / denied	If denied, reason for denial
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7 If a permit is issued, date activity will commence (M/D/Y) *11/28/06*

Proposed completion date (M/D/Y) *11/28/07*

Has any construction activity commenced or been completed in a regulated area? No Yes

Were the regulated activities conducted under a MDEQ permit? No Yes

If Yes, identify the portion(s) underway or completed on drawings or attach project specifications and give completion date(s) (M/D/Y) */ /*

If Yes, list the MDEQ permit number

Are you aware of any unresolved violations of environmental law or litigation involving the property? No Yes (If Yes, explain)

8 PUBLIC NOTIFICATION (Attach additional sheets if necessary)

- Complete information for all adjacent and impacted property owners and the lake association or established lake board, including the contact person's name.
- If you own the adjacent lot, provide the requested information for the first adjacent parcel beyond your property line.

Property Owner's Name	Mailing Address	City	State	Zip Code
<i>City of Corunna</i>	<i>402 N. Shiawassee Rd</i>	<i>Corunna</i>	<i>MI</i>	<i>48817</i>

Name of Established Lake Board or Lake Association and the Contact Person's name, phone number, and mailing address

9 APPLICANT'S CERTIFICATION READ CAREFULLY BEFORE SIGNING

I am applying for a permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application, that it is true and accurate, and, to the best of my knowledge, is in compliance with the State *Coastal Zone Management Program* and the *National Flood Insurance Program*. I understand that there are penalties for submitting false information and that any permit issued pursuant to this application may be revoked if information on this application is untrue. I certify that I have the authority to undertake the activities proposed in this application. By signing this application, I agree to allow representatives of the MDEQ, USACE, and/or their agents or contractors to enter upon said property in order to inspect the proposed activity site and the completed project. I understand that I must obtain all other necessary local, county, state, or federal permits and that the granting of other permits by local, county, state, or federal agencies does not release me from the requirements of obtaining the permit requested herein before commencing the activity. I understand that the payment of the application fee does not guarantee the issuance of a permit.

- All applicants must complete all of the items in Sections 1 through 9 on pages 1 and 2 of this application.
- Complete those items in Sections 10 through 21 that apply to the project. Submit only those pages where you have provided information.
- Your application will not be processed if the application form is not completely filled out.
- List here the application page numbers being submitted and a brief description of other attachments included with your application.
- Submit 8.5" by 11," 8.5" by 14" or 11" by 17" size drawings with 4 copies. The USACE requires one set of drawings on 8.5" x 11" paper, with all notations clearly legible. Larger copies may be submitted in addition to the standard size copies.
- A letter of authorization from the owner must be included if not signed below by the owner.

<input checked="" type="checkbox"/> Property Owner <input type="checkbox"/> Agent/Contractor <input type="checkbox"/> Corporation - Title	Printed Name <i>Joseph S. Sawyer</i>	Signature 	Date (M/D/Y) <i>11/10/06</i>
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16 DRAWDOWN OF AN IMPOUNDMENT

If wetlands will be impacted, also complete Section 12.

Type of drawdown over winter temporary one-time event annual event permanent (dam removal) other

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Reason for drawdown

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Has there been a previous drawdown? No Yes (If Yes, provide date (M/D/Y) / /

Previous MDEQ permit number, if known

Does waterbody have established legal lake level? No Yes Not Sure

Dam ID Number, if known

Extent of vertical drawdown (ft)

Impoundment design head (ft)

Number of adjacent or impacted property owners

Date drawdown would start (M/D/Y) / /

Date drawdown would stop (M/D/Y) / /

Rate of drawdown (ft/day)

Date refilling would start (M/D/Y) / /

Date refill would end (M/D/Y) / /

Rate of refill (ft/day)

Type of outlet discharge structure to be used surface bottom mid-depth

Impoundment area at normal water level (acres)

Sediment depth behind impoundment discharge structure (ft)

17 DAM, EMBANKMENT, DIKE, SPILLWAY, OR CONTROL STRUCTURE ACTIVITIES (See Sample Drawing 15)

If wetlands will be impacted, also complete Section 12.

Attach site-specific conceptual plans for construction of a new dam, reconstruction of a failed dam, or enlargement of an existing dam for resource impact review. Detailed engineering plans are required once the activity has been determined to be permissible from an environmental standpoint.

Attach detailed engineering plans for a dam repair, dam alteration, dam abandonment, or dam removal.

Which one best describes your project? new dam construction reconstruction of a failed dam enlargement of an existing dam dam repair dam alteration dam abandonment dam removal other

Dam ID Number If known 379

Type of outlet discharge structure surface bottom mid depth

Will proposed activities require a drawdown of the waterbody to complete the work? No Yes (If Yes, also complete Section 16)

Riprap Volume (cu yd) 0

Dredging/excavation Volume (cu yd) 0

Fill volume (cu yd) 0

Does structure allow complete drainage of waterbody? No Yes

Benchmark elevation (ft) 100.00

Datum used Local NGVD 29 other

Describe benchmark and show on plans BM#100 double headed nail east face PLT Pole 30' north of Mill St

Have you engaged the services of a Licensed Professional Engineer? No Yes (If Yes, name, registration number, and mailing address)

Peter N. Champman P.E., #48039, 230 S. Washington P.O. Box 1689, Saginaw MI 48605

Will a water diversion during construction be required? No Yes (If Yes, describe how the stream flow will be controlled through the dam construction area during the proposed project activities)

The stream flow of the Shiawassee River will not be affected. Back waters off the dam will be temporarily diverted from flowing back into the construction area. This water is minimal and would not affect the stream flow.

The following additional information is required for a new dam, reconstruction of a failed dam, or enlargement of an existing dam.

Describe the type of dam and how you will design the dam and embankment to control seepage through and underneath the dam.

Embankment top elevation (ft)

Streambed elevation at downstream embankment toe (ft)

Structural height (difference between embankment top elevation and streambed elevation at downstream embankment toe) (ft)

Embankment length (ft)

Embankment top width (ft)

Embankment bottom width (ft)

Embankment slopes Upstream (vertical / horizontal) Downstream

Proposed normal pool elevation (ft)

Impoundment flood elevation (ft)

Maximum vertical drawdown capability (ft) (Attach operational procedure of the proposed structure, if available)

Have soil borings been taken at dam location? No Yes (If Yes, submit results with permit application)

Will a cold water underspill be provided? No Yes (If Yes, invert elevation (ft).)

Do you have flowage rights to all proposed flooded property at the design flood elevation? No Yes

18 UTILITY CROSSINGS (See Sample Drawings 12 and 13)

If side casting is required, complete Subsections 10A and 10B. If spoils will be placed in wetlands or wetlands may be impacted, complete Section 12.

Attach additional sheets with the requested information as needed for multiple crossings.

What method will be used to construct the crossings?

flume plow open trench jack and bore directional drilling

Crossing of Inland Lake or Stream floodplain international waters wetlands (also complete Section 12)

Type

Number of wetland crossings

Number of inland lake or stream crossings

Pipe diameter (in.)

Pipe length per crossing (ft.)

Distance below streambed or wetland (in.)

Trench width (ft.)

sanitary sewer

storm sewer

watermain

cable

