

AGENCY/USE	Previous USACE File Number	Date Received	Joint Permit Application For Work in Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams, High Risk Erosion Areas and Critical Dune Areas www.mi.gov/jointpermit	EGLE File Number
	USACE File Number			Fee received \$

Applicant and Cooperating Agency/Agent Information

Applicant (individual/entity requesting permit coverage; legal responsible party)

Full Name and/or Company _____

Contact Person (individual person legally responsible for corporation decisions) _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Cooperating Agency/Agent (agency or firm assisting Applicant)

Is an agent assisting with the application? No Yes If yes, enter:

Agent Company _____

Contact Person (individual name) _____

Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____

Is the Property Owner or Easement Holder different from the applicant? No Yes If yes, fill out below information and attach letter(s) of authorization from all property owners. If the applicant is an easement holder they are responsible for performing work as granted under the authority of their easement. Note that a letter of authorization is also required if the disposal site is located on property not owned by the applicant.:

Property Owner's Name _____

Permanent Mailing Address _____

Phone Number _____

City _____ State _____ Zip Code _____

Project Location For Latitude, Longitude, and TRS info anywhere in Michigan see www.mcgi.state.mi.us/wetlands/

Address _____ Zip _____ Village/City _____

County(ies) _____ Township(s) _____ Town _____ Range _____ Section(s) _____

Latitude _____ Longitude _____

Property Tax ID Number(s) _____ Subdivision/Plat and Lot Number(s) _____

Waterbody Name _____ Environmental Area Number (if known) _____

Is this project within Indian Lands? No Yes Do waters affected by this project cross State or International boundaries? No Yes

Directions to Project Site from nearest major intersection. State visible landmarks on site if applicable. Indicate where specific project impacts are proposed on the property.

Background Information

- Has EGLE and/or United States Army Corps of Engineers (USACE) conducted a pre-application meeting/ inspection for this project? No Yes
 ➔If Yes, provide the date of pre-application meeting/inspection(s) _____ and pre-application File Number(s)_____
- EGLE and/or USACE staff persons involved in the pre-application meeting/inspection(s): _____
- Has the project scope or design changed since the pre-application meeting/inspection? No Yes
 ➔If Yes, please explain what has changed (attach additional documentation as necessary). _____
- Has EGLE completed a Wetland Identification Program assessment for this site? No Yes
 ➔If yes, WIP number is _____; please attach a copy of the WIP letter to this application.
- Has the USACE completed either an approved or preliminary jurisdictional determination for this site? No Yes
 ➔If yes, DA file number is _____; please attach a copy of the determination letter to this application.
- Environmental Area Number (if known): _____
- Were any regulated activities previously completed on this site under a EGLE and/or USACE permit? No Yes
 ➔If Yes, list the permit numbers _____
- Other State file number(s) that are associated with this project: _____
- Have any activities commenced on this project? No Yes ➔ If yes please describe
- Is this an After-the-Fact application (for work done that has already been completed)? No Yes ➔ If yes, double the application fee
- Are you aware of any unresolved violations of environmental law or litigation involving the property ? No Yes ➔If Yes, attach an explanation.

Is there a conservation easement or other easement, deed restriction, lease, or other encumbrance upon the property? No Yes

➔If Yes, Provide name and address of the easement holder:

Describe the type of easement or encumbrance (and attach a copy):

List all other federal, interstate, state, or local agency authorizations, including required assurances for Critical Dune Area projects.

Agency	Type of Approval	Number	Date Applied	Approved/denied

Permit Application Category and Public Notice Information

Indicate the type of permit being applied for (check highest impact type):

- EGLE General Permit for wetlands, lakes, streams, or Great Lakes: www.michigan.gov/documents/deq/General_Permit_Categories_360925_7.pdf.
- EGLE Minor Project for wetlands, lakes, streams, or Great Lakes: http://www.michigan.gov/documents/deq/Minor_Project_Categories_360884_7.pdf and/or for Floodplains http://www.michigan.gov/documents/deq/wrd-floodplain-minor_408149_7.pdf?20151102124951 and R323.1316 [Floodplain Rules](#).
- EGLE Individual Permit for all other projects. If this box is checked fill out Adjoining Property Owner Information Below (excepting Floodplain projects)
- Unsure. Please Contact District staff for assistance: http://www.michigan.gov/documents/deq/wrd-permit-staff_402908_7.pdf

If General Permit and/or Minor Project Indicate Category(ies) applying under:

Adjoining Property Owner Information - For projects requiring an Individual Permit you must provide the name and current mailing address for the landowners of **all** parcels that border or touch the property on which the project is located. If you own the adjoining lot, provide the requested information for the first adjoining parcel that is not owned by you. Attach additional sheets if necessary.

This information is required for Public Notice purposes and is not required for projects meeting a General Permit or a Minor Project Category.

Property Owner's Name	Permanent Mailing Address	City	State	Zip Code
For Projects with: <input type="checkbox"/> Established Lake Board or <input type="checkbox"/> Lake Association	Contact Person	Mailing Address	City	State Zip Code

Project Description

Project Type (select all that apply):

- Agriculture
- Airport
- Development-Condominium/Subdivision/Residential
- Development-Commercial/Industrial
- Drain – County
- Drain – Private
- Drawdown - Lake
- Drawdown - Wetland

- Forestry
- Landfill
- Marina/Mooring Facility
- Marine Railway
- Mining – Mineral
- Mining – Sand and Gravel
- Private Residence
- Restoration – Wetland

- Restoration – Stream
- Transportation
- Septic System
- Surveying or Scientific Measuring Device
- Utility – Electrical, fiber optic, other
- Utility – Oil and gas pipelines
- Utility – Sewer/water line
- Other _____

Project Use (select all that apply):

- Private
- Commercial
- Public/Government/Tribal
- Receiving Federal/State Funds
- Non-profit
- Other _____

Project Summary (Purpose): Provide a **summary** of all proposed activities including the **intended Purpose and Use for the proposed project**. Attach additional sheets as necessary.

Project construction sequence, methods, and equipment: Describe how the proposed project timing, methods, and equipment will minimize disturbance from the project construction, including but not limited to soil erosion and sedimentation control measures. Attach additional sheets as needed.

Project Alternatives: Describe all **options** considered as alternatives to the proposed project and describe how impacts to state and federal regulated waters will be **avoided and minimized**. This may include other locations, materials, etc. Attach additional sheets as needed.

Project Compensation: Describe **how the proposed impacts to state and federal regulated waters will be compensated** OR explain why compensatory mitigation should not be required for the proposed impacts. Include amount, location, and method of compensation (i.e., bank, on-site, preservation, etc.); note, if proposing a mitigation bank, include bank name and location (watershed service area). Attach additional sheets as needed and complete and attach Section I.E.

Resource and Activity Type

The Proposed Project will involve the following resources (check ALL that apply):

- | | |
|--|--|
| <input type="checkbox"/> Wetland | <input type="checkbox"/> Pond (open water less than 5 acres in size) |
| <input type="checkbox"/> Stream or River | What is the Surface Area of the Pond? _____ Acres |
| <input type="checkbox"/> Proposed Stream Mitigation | For excavated ponds enter proposed area; for ponds being filled enter existing area. |
| <input type="checkbox"/> Great Lake | Check all of the following that apply for Pond projects: |
| <input type="checkbox"/> 100-year Floodplain | <input type="checkbox"/> All or part of the pond is or will be in Wetland |
| <input type="checkbox"/> Critical Dune Area | <input type="checkbox"/> Pond located within 500 feet of a lake or stream |
| <input type="checkbox"/> Environmental Area _____ Acres Impacted | <input type="checkbox"/> Neither of the above |
| <input type="checkbox"/> Proposed Wetland Mitigation | |
| <input type="checkbox"/> Channel or Canal | |
| <input type="checkbox"/> Inland Lake (open water greater than 5 acres) | |
| <input type="checkbox"/> Dam | |
| <input type="checkbox"/> High Risk Erosion Area | |

Select the Activities from the list below that are proposed in your project (check ALL that apply). If you don't see your project type listed, select "Other Project Type". **These activities listed require additional information to be gathered later in the application.**

- | | |
|--|--|
| <input type="checkbox"/> Bridges | <input type="checkbox"/> Buoys |
| <input type="checkbox"/> Boat Well | <input type="checkbox"/> Boat Ramp |
| <input type="checkbox"/> Boat Hoist | <input type="checkbox"/> Culverts-Stream Only |
| <input type="checkbox"/> Culvert-Wetland Equalizer | <input type="checkbox"/> Dock/Pier/Mooring |
| <input type="checkbox"/> Drawdown | <input type="checkbox"/> Fences |
| <input type="checkbox"/> Intake or Outfall Structures | <input type="checkbox"/> Marina Construction, Expansion & Reconfiguration |
| <input type="checkbox"/> Seawalls, RipRap, Bioengineering for Shore Protection | <input type="checkbox"/> Stream, River or Drain Relocations and Enclosures |
| <input type="checkbox"/> Utility Crossings – Below Ground | <input type="checkbox"/> Utility Crossings – Above Ground |
| <input type="checkbox"/> Wetland Restoration | <input type="checkbox"/> Other Project Type not listed here: _____ |

Major Project Fee Calculation Questions:

- Is filling of 10,000 cubic yards or more proposed (cumulatively) within wetlands, stream, lakes, or Great Lakes? No Yes
- Is dredging of 10,000 cubic yards or more proposed (cumulatively) within streams, lakes, or Great Lakes? No Yes
- Is new dredging or adjacent upland excavation in suspected contamination areas proposed by this application? No Yes
- Is a subdivision, condominium, or new golf course proposed? No Yes

IMPORTANT

Attach additional portions of the application that follows as appropriate for the resources and activities included with your Project (project specific sections are as follows):

- Wetland, Inland Lakes, Streams or Great Lakes Projects
 - Includes Individual Sheets for Fill, Dredge, Structures, and Other Activities Impacts
 - Individual Sheets for Specific Project Activities Requiring Additional Information: Boat Wells, Boat Hoists, Boat Ramps, Buoys, Culverts-Stream Only, Dock/Pier/Mooring, Drawdown, Fences, Intake or Outfall Structures, Marina Construction/Expansion/Reconfiguration, Shore Protection Projects, Stream/River/Drain Relocations or Enclosures, Utility Crossings-Below Ground, Wetland Restoration)
- Floodplain Projects
- Dam/Spillway Projects
- Critical Dune and High Risk Erosion Area Projects
- Application Submission Checklist
- Application Certification

COMPLETE FOR PROJECTS AFFECTING WETLANDS, INLAND LAKES, STREAMS, OR GREAT LAKES

BASIC PROJECT INFORMATION

Wetlands Information

What is the total acres of wetland affected by this project? Permanent Impacts _____ Temporary Impacts _____

Has a professional wetland delineation been completed for this site? No Yes

➔ If yes, attach a copy of report with data sheet. Data sheets are required for wetland impacts greater than one-third of an acre.

Does the project affect more than one total acre of wetland (including temporary and permanent impacts)? No Yes

Does the project affect coastal wetland? No Yes

Streams Information If there are multiple streams impacted, provide the information below for each one.

What is the total linear feet of streams impacted with this project? Permanent Impacts _____ Temporary Impacts _____

Water elevation reference (show elevation on plans with description) *see below explanation for help:

NGVD 29 NAVD 88 still water elevation reference _____ date of observation (M/D/Y) _____ benchmark reference _____

Ordinary High Water Mark (OHWM) elevation (ft) _____

Average water depth at activity location in a normal year _____

What is the width (in feet) of the stream where the water begins to overflow its banks (called bankfull width)? _____ Method Used _____

What length (feet) does the project activity(ies) extend: waterward of the OHWM*? _____ AND landward of the OHWM*? _____

Is the drainage area upstream of the proposed project area greater than 2 sq. miles? No Yes Unsure

Does the project include any of the following:

1. enclosure of a stream totaling more than 300 feet in one or more segments No Yes
2. relocation or channelization of a stream totaling more than 1,000 feet in one or more segments? No Yes
3. new construction of breakwaters or seawalls with a total length of more than 1,000 feet? No Yes

Inland Lakes Information If there are multiple lakes impacted, provide the information below for each one.

What is the total acres of inland lakes impacted with this project? Permanent Impacts _____ Temporary Impacts _____

Water elevation reference* (show elevation on plans with description):

NGVD 29 NAVD 88 still water elevation reference _____ date of observation (M/D/Y) _____ benchmark reference _____

Ordinary High Water Mark (OHWM) elevation (ft) _____

Average water depth at activity location in a normal year _____

What length (feet) does the project activity(ies) extend:

waterward of the LAKE OHWM*? _____ AND landward of the LAKE OHWM*? _____

waterward of the STREAM OHWM*? _____ AND landward of the STREAM OHWM*? _____

Great Lakes Information

Water elevation reference* (show elevation on plans with description):

IGLD 85 still water elevation reference. Date of observation (M/D/Y) _____ benchmark reference: _____

Ordinary High Water Mark elevation (ft) _____

Average water depth at activity location in a normal year _____

What length (feet) does the project activity(ies) extend: waterward of the OHWM*? _____ AND landward of the OHWM*? _____

*Water elevation refers to the OHWM vertical elevation either from a topographical survey, an observed water level, or a benchmark. and distance (horizontal) for purposes of determining project impacts. OHWM information must be included and could be a surveyed elevation OR a description of an observed reference point or benchmark used and its corresponding elevation in relation to the OHWM. OHWM refers to the regulated boundary on an inland lake, stream, or Great Lake and is set differently for each resource. For projects on the Great Lakes or Section 10 Waters, elevations must be provided in IGLD 85 and can be found on the USACE website under "water levels". On inland lakes or streams, OHWM elevations are as observed in the field by a distinct line. OHWM elevations can be surveyed using NGVD 29, NAVD 88 survey datum OR can use a relative measurement from an assumed bench mark (tree) or reference such as observed still water level. If OHWM elevations are taken in reference to a still water level, provide the observation date. See Sample Drawings for more information.

**Complete for Wetlands, Inland Lakes, Streams, or Great Lakes Impacts
Information for Projects Involving COMPENSATORY MITIGATION**

Compensatory mitigation may be imposed as a condition of wetland, inland lakes, streams and Great Lakes permits, other than a General Permit. Wetland mitigation may be waived for certain projects such as projects affecting less than one-third of an acre of wetland if no reasonable opportunity for mitigation exists, or for wetland restoration projects. Wetland mitigation may include purchase of wetland bank credits within the watershed or ecoregion, on-site restoration of areas that were historically wetland, on site creation of wetland, or preservation of existing high quality wetland.

mitigation may be required for projects that enclose, relocate, or otherwise significantly affect the existing stream functions (e.g., dredging, armoring, altering hydrology through addition or removal of runoff to the stream, building dams, etc.). Stream mitigation may include construction of a new channel (replacement), enhancing existing stream functions (restoration), or protect existing stream features that would improve area wetland functions (preservation).

Other types of compensation for impacts may also be captured in this section. For example, shoreline enhancement activities as mitigation for seawall impacts.

Fill out the table(s) below with all proposed mitigation (wetland, stream, shoreline etc.) to offset impacts associated with this project. Attach additional mitigation plans and all mitigation checklist items as required. More mitigation information can be found on our JPA website. Also attach mitigation plans. An application that does not include the proper mitigation supporting materials will be considered incomplete.

Wetland Mitigation						
Impact Location	Impact Type	Impact Amount	Replacement Ratio	Mitigation Type	Mitigation Amount	Kind of Mitigation
(include identifier on site plan)	(emergent, scrub-shrub, forested, etc.)	(acres)	(include any reduction)	(emergent, scrub-shrub, forested, etc.)	(acres)	(Bank, On-site restoration, On-site creation, Preservation)
TOTALS	NA		NA	NA		NA

Stream Mitigation					
Impact Location	Impact Type	Impact Amount	Mitigation Type	Mitigation Amount	Kind of Mitigation
(include identifier on site plan)	(emergent, scrub-shrub, forested, etc.)	(acres)	(emergent, scrub-shrub, forested, etc.)	(linear feet)	(Summarize stream functional lift)
TOTALS	NA		NA		NA

COMPLETE THIS TABLE FOR ANY OTHER MITIGATION PROPOSALS		
Impact Location (include identifier on site plan)	Mitigation Type Describe	Mitigation Amount (linear feet or acres)

**Complete for Wetlands, Inland Lakes, Streams, or Great Lakes Impacts
ADDITIONAL Information for SPECIAL PROJECTS**

Complete this section in addition to the applicable Fill, Dredge, Structures or Other sections found in this application. Special Projects affecting Wetlands, Inland Lakes, Streams, or Great Lakes requiring more information in this section are as follows:

- Shore Protection (Seawalls, Riprap, or Bioengineering)
- Dock/Pier/Mooring
- Boat Well
- Boat Ramp, Boat Hoist
- Intake or Outfall Structures
- Buoys
- Fences
- Stream, River, or Drain Construction Relocation and Enclosure
- Drawdown
- Bridges and Culverts
- Marina Construction, Expansion and Reconfiguration
- Wetland Restoration

If any proposed activities will affect Floodplains, Dams regulated under Part 315, or Critical Dune or High Risk Erosion Areas, also fill out the appropriate sections later in this application.

Shore Protection Projects

Type and length (ft) <input type="checkbox"/> bioengineering (ft) <input type="checkbox"/> Seawall-new or replacement <input type="checkbox"/> riprap (ft)	
Will proposed structure extend 150 feet or more into a lake or stream? <input type="checkbox"/> No <input type="checkbox"/> Yes	Will the existing structure be removed? <input type="checkbox"/> No <input type="checkbox"/> Yes
Distance of project from an obvious fixed structure (distance to the lakeward face; example - 50 ft from SW corner of house)	Distance of structure from adjacent property lines (facing waterward) Left (ft) Right (ft)
Does the total length of seawalls, bulkheads, or revetments equal or exceed 500 feet in length? <input type="checkbox"/> No <input type="checkbox"/> Yes	
For seawall projects indicate if the structure is <input type="checkbox"/> new <input type="checkbox"/> repair <input type="checkbox"/> replacement ➔ will existing structure be removed? <input type="checkbox"/> No <input type="checkbox"/> Yes If toe stone is not proposed along the entire wall OR have a slope equal to or gentler than 1-foot vertical to 2-feet horizontal, please describe:	
For bioengineering projects indicate the structure type <input type="checkbox"/> brush bundles <input type="checkbox"/> coir log <input type="checkbox"/> live stakes <input type="checkbox"/> tree revetment <input type="checkbox"/> other and Plants/Seeds to be used (or attach lists):	

Dock/Pier/Mooring Projects

Are new commercial docks or wharves of 300 feet or more (cumulatively) in length proposed? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If yes, enter dimensions of similar adjacent structures (type, length, width)	
Dock Type <input type="checkbox"/> open pile <input type="checkbox"/> filled <input type="checkbox"/> crib <input type="checkbox"/> floating <input type="checkbox"/> cantilevered <input type="checkbox"/> spring piles <input type="checkbox"/> piling clusters <input type="checkbox"/> other	
Is the structure within the applicant's riparian area interest area? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ Show parcel property lines on the site plan.	
Proposed structure dimensions (ft) length width	Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial
Distance of structure from adjacent property lines (facing waterward) Left (ft) Right (ft)	

Boat Well Projects

Type of sidewall stabilization <input type="checkbox"/> concrete <input type="checkbox"/> riprap <input type="checkbox"/> steel <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other	Are sidewalls <input type="checkbox"/> vertical <input type="checkbox"/> sloped
Volume of backfill behind sidewall stabilization (cu yd)	Number of boats
Distance of structure from adjacent property lines (facing waterward) Left (ft) Right (ft)	

Boat Ramp Projects

Type <input type="checkbox"/> new <input type="checkbox"/> replacement <input type="checkbox"/> maintenance/improvement	Type of construction material <input type="checkbox"/> concrete <input type="checkbox"/> wood <input type="checkbox"/> stone <input type="checkbox"/> other
If replacement or maintenance/improvement enter the existing overall boat ramp dimensions (ft) length width depth	
Number of proposed skid piers	Proposed skid pier dimensions (ft) length width
Distance of structure from adjacent property lines (facing waterward) Left (ft) Right (ft)	

Boat Hoist						
Type <input type="checkbox"/> cradle <input type="checkbox"/> side lifter <input type="checkbox"/> other		Located on <input type="checkbox"/> seawall <input type="checkbox"/> dock <input type="checkbox"/> bottomlands		Area occupied, with cat walks (sq ft)		
Distance of structure from adjacent property lines (facing waterward) Left			(ft) Right	(ft)		
Permanent Roof <input type="checkbox"/> No <input type="checkbox"/> Yes → If Yes, how is the roof supported?			Maximum Roof Dimensions (ft): length width height			
Intake or Outfall Structures						
Type of intake or outfall stabilization <input type="checkbox"/> headwall <input type="checkbox"/> end section <input type="checkbox"/> other						
Dimensions of headwall OR end section (ft) length width height						
Number of pipes		Pipe diameter(s)		Pipe invert elevation(s)		
For outfalls: Does pipe discharge below the OHWM of a stream or lake? <input type="checkbox"/> No <input type="checkbox"/> Yes; Has the water been treated before discharge? <input type="checkbox"/> No <input type="checkbox"/> Yes						
If outlet pipe, discharge is to (choose all that apply) <input type="checkbox"/> inland lake <input type="checkbox"/> stream, drain or river <input type="checkbox"/> overland flow <input type="checkbox"/> Great Lake <input type="checkbox"/> wetland <input type="checkbox"/> other						
Buoys						
Purpose of buoy <input type="checkbox"/> mooring <input type="checkbox"/> navigation <input type="checkbox"/> scientific structures <input type="checkbox"/> swimming <input type="checkbox"/> other						
Number of buoys		Dimensions of buoys (ft) → Provide a table for multiple buoys. width height swing radius chain length			Type of anchor system	
Buoy Location: Latitude N Longitude -- W. → Provide a table for multiple buoys						
Do you own the property along the shoreline? <input type="checkbox"/> No <input type="checkbox"/> Yes → If No, attach an authorization letter from the property owner(s).						
Do you own the bottomlands? <input type="checkbox"/> No <input type="checkbox"/> Yes → If No, attach an authorization letter from the property owner(s).						
Fences						
Show design, post spacing, mesh and distance from ground to bottom of fence on site plans and cross sections.						
Purpose of fence <input type="checkbox"/> Airport <input type="checkbox"/> Cervidae <input type="checkbox"/> Livestock <input type="checkbox"/> Residential <input type="checkbox"/> Security <input type="checkbox"/> Other						
Total length (ft) of fence through streams wetlands floodplains			Fence height (ft)		Fence type and material	
Stream, River, or Drain Construction, Relocation, and Enclosure Activities						
Is this a County Drain legally established under the 1956 Drain Code? <input type="checkbox"/> No <input type="checkbox"/> Yes, New <input type="checkbox"/> Yes, Existing						
Does the proposed project include any of the following (check all that apply):						
<input type="checkbox"/> enclosure						
→ is enclosure over 300 feet long (cumulatively)? <input type="checkbox"/> No <input type="checkbox"/> Yes						
→ complete culvert section for enclosure structure details (size, type, etc)						
<input type="checkbox"/> relocation → is relocation over 500 feet long (cumulatively)? <input type="checkbox"/> No <input type="checkbox"/> Yes						
→ will existing channel be abandoned? <input type="checkbox"/> No <input type="checkbox"/> Yes → if yes, length of abandoned channel						
→ will abandoned channel be backfilled? <input type="checkbox"/> No <input type="checkbox"/> Yes → if yes, volume of fill in abandoned channel cyd						
→ Is a two stage or similar design proposed? <input type="checkbox"/> No <input type="checkbox"/> Yes → if yes, provide details in the stream mitigation section. If no, provide information on why this is not feasible or prudent:						
→ How will slopes and bottom be stabilized?						
→ What is proposed side slopes (vertical/horizontal):						
<input type="checkbox"/> other → Describe						
Dimensions (ft) of existing stream/drain channel (ft) (add separate lines for each enclosure or relocation)						
Identifier on plans		length	width	depth	bottom width	normal average water depth

Drawdown						
Type of drawdown <input type="checkbox"/> over winter <input type="checkbox"/> temporary <input type="checkbox"/> one-time event <input type="checkbox"/> annual event <input type="checkbox"/> permanent (dam removal) <input type="checkbox"/> other						
Reason for drawdown						
Has there been a previous drawdown? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, provide date (M/D/Y)					Dam ID Number, if known	
Does waterbody have established legal lake level? <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Sure ➔ If Yes, provide legal lake level elevation						
Extent of vertical drawdown (ft)		Impoundment design head (ft)		Number of adjoining 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 <input type="checkbox"/> surface <input type="checkbox"/> bottom <input type="checkbox"/> mid-depth		Impoundment area at normal water level (acres)		Sediment depth behind impoundment discharge structure (ft)		
Utility						
Crossing of <input type="checkbox"/> Inland Lake <input type="checkbox"/> Stream <input type="checkbox"/> floodplain <input type="checkbox"/> Great Lake <input type="checkbox"/> wetlands <input type="checkbox"/> critical dune area						
What method will be used to construct the crossings? <input type="checkbox"/> directional boring <input type="checkbox"/> jack and bore <input type="checkbox"/> open trench <input type="checkbox"/> plow / knife <input type="checkbox"/> flume						
If wetland is to be converted from one type to another enter the type and acres of each:						
Utility Type	Number of lake or stream crossings	Number of wetland crossings	Pipe diameter with casing (in)	Pipe length per crossing (ft)	Distance below ground (in)	Trench width (ft)
<input type="checkbox"/> sanitary sewer						
<input type="checkbox"/> storm sewer						
<input type="checkbox"/> watermain						
<input type="checkbox"/> cable						
<input type="checkbox"/> electric						
<input type="checkbox"/> fiber optic cable						
<input type="checkbox"/> oil/gas pipeline						
Marina Construction, Expansion and Reconfiguration						
Attach a copy of the property legal description, mortgage survey, or a property boundary survey to your application. Include any available sealed RIA estimate survey and/or written authorizations from affected adjoining riparian owners with your application.						
Proposed Marina Activity <input type="checkbox"/> New construction <input type="checkbox"/> Expansion <input type="checkbox"/> Reconfiguration						
Do you have an existing Great Lake Conveyance? <input type="checkbox"/> No <input type="checkbox"/> Yes For more information visit www.mi.gov/deggreatlakes .						
Are sanitary pump-out facilities available? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If yes Is there a pump out agreement? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, provide a copy.						
Marina Description			Current Count		Final Count	
Number of boat slips/wells (do not include broadside dockage or mooring buoys)						
Linear feet of broadside dockage						
Maximum number of boats at broadside dockage						
Number of mooring buoys						
Number of launch ramps/lanes						
Does the project include dredging 10,000 cubic yards or more; or the addition of 500 feet or more of seawalls, bulkheads, or revetments?						

Bridges and Culverts			
Stream Information	The site has a high water elevation (ft) <input type="checkbox"/> above or <input type="checkbox"/> below the Reference Point of		Date observed
	Reference datum used <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> IGLD 85 (Great Lakes coastal areas) <input type="checkbox"/> other		
	Average stream width (ft) at the ordinary high water mark (OHWM) outside the influence of any ponding or scour holes around the structure		Upstream
			Downstream
	Cross-sectional area of primary channel (sq ft) (See Sample Drawing 14C for more information)		
	The width of the stream where the water begins to overflow its banks. Bankfull width (ft)		
	The invert of the stream 100-feet from structure (ft)		Upstream
		Downstream	
Is there an existing perched culvert? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, provide a profile of the channel bottom at the high and low points for a distance of 200 feet upstream and downstream of the culvert.			
Complete this form for each bridge / culvert location.			Existing
			Proposed
Bridge	Number of bridge spans		
	Bridge type (concrete box beam, concrete I-beam, timber, etc.)		
	Bridge span (length perpendicular to stream) (ft)		
	Bridge width (parallel to stream) (ft)		
	Bottom of bridge beam (ft)		Upstream
			Downstream
	Stream invert elevation at bridge (ft)		Upstream
		Downstream	
Bridge rise from bottom of beam to streambed (ft)			
Culvert	Number of culverts		
	Culvert type (arch, bottomless, box, circular, elliptical, etc.)		
	Culvert material (concrete, corrugated metal, plastic, etc.)		
	Culvert length (ft)		
	Culvert <input type="checkbox"/> width <input type="checkbox"/> diameter (ft)		
	Culvert height prior to any burying (ft)		
	Depth culvert will be buried (ft)		
	Elevation of culvert crown (ft)		Upstream
			Downstream
Higher elevation of <input type="checkbox"/> culvert invert OR <input type="checkbox"/> streambed within culvert (ft)		Upstream	
		Downstream	
Complete for both Bridges and Culverts	Entrance design (mitered, projecting, wingwalls, etc.)		
	Total structure waterway opening above streambed (sq ft)		
	Total structure waterway area below the 100-year elevation (sq ft) (if known)		
	Elevation of road grade at structure (ft)		
	Elevation of low point in road (ft)		
	Distance from low point of road to mid-point of bridge crossing (ft)		
	Length of approach fill from edge of bridge/culvert to existing grade (ft)		
	A Licensed Professional Engineer may certify that your project will not cause a harmful interference for a range of flood discharges up to and including the 100-year flood discharge. The "Required Certification Language" is found under "forms" on the "maps, forms and documents" link from the www.mi.gov/jointpermit page or a copy may be requested by phone, email, or mail. A hydraulic report supporting this certification may also be required.		
Is Certification Language attached? <input type="checkbox"/> No <input type="checkbox"/> Yes			

COMPLETE FOR PROJECTS INCLUDING FLOODPLAIN ACTIVITIES

- For more information go to www.mi.gov/floodplainmanagement. This site also lists the projects and requirements for an expedited floodplain review under "Expedited Review Information for Minor Floodplain Projects."
- Examples of projects proposed within the non-floodway portions of the 100-year-floodplain which may qualify for an expedited review: Open pile decks and boardwalks; residences, commercial/industrial facilities, garages and accessory structures; parking lots; pavilions, gazebos, large community playground structures; residential swimming pools
- Examples of projects proposed within the floodway portions of the floodplain which may qualify for an expedited review: Open pile decks and boardwalks, (non-enclosed) that are anchored to prevent floatation and that do not extend over the bed and bank of a watercourse; parking lots constructed at grade or resurfacing that is no more than 4 inches above the existing grade; dry hydrants that do not require fill placement; scientific structure such as staff gauges, water monitoring devices, water quality testing devices, and core sampling devices which meet specific design criteria and fish structures that meet specific design criteria.
- For expedited review include:
 - ➔ Photographs of the work site labeled to identify what is being shown and with the direction of the photo clearly indicated. Include photographs of any river or stream adjacent to the project.
 - ➔ A letter or statement from the local unit of government acknowledging your proposed application. See the website for sample wording.
- A hydraulic analysis or hydrologic analysis may be required to fully assess floodplain impacts.
- The state building code requires an Elevation Certificate for any building construction or addition in a floodplain. A sample form can be found at www.fema.gov/nfip/elvinst.shtm.
 - ➔ Attach additional sheets or tables for multiple proposed floodplain activities and provide hydraulic calculations.
 - ➔ Show reference datum used on plans.

Proposed Activity <input type="checkbox"/> fil <input type="checkbox"/> structure (specify below) <input type="checkbox"/> excavation or cut <input type="checkbox"/> other	100-year floodplain elevation (ft) (if known) Datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other Name of stream, river, channel or waterbody: Is project located within the floodway? <input type="checkbox"/> No <input type="checkbox"/> Yes
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Structures in FLOODPLAINS Include only the floodplain impact information in this section

Type of structure: <input type="checkbox"/> Addition <input type="checkbox"/> Bridge <input type="checkbox"/> Boardwalk <input type="checkbox"/> Culvert	<input type="checkbox"/> Building – Accessory/Pole Barn/Garage <input type="checkbox"/> Building – Residential <input type="checkbox"/> Building – Non-residential/Commercial/Industrial	<input type="checkbox"/> Outfall Structure <input type="checkbox"/> Parking Lot/Sidewalk/Pathway <input type="checkbox"/> Parking
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Site is _____ feet above ordinary high water mark (OHWM) OR observed water level. Date of observation (M/D/Y)

Fill volume below the 100-year floodplain elevation (cu yds)	Compensating cut volume below the 100-year floodplain elevation (cu yds)
--	--

Buildings and/or Additions	Type of construction is <input type="checkbox"/> residential <input type="checkbox"/> garage/pole barn <input type="checkbox"/> non residential <input type="checkbox"/> other	
	Construction is <input type="checkbox"/> new <input type="checkbox"/> addition AND Serviced by <input type="checkbox"/> public sewer <input type="checkbox"/> private septic <input type="checkbox"/> other	
	Lowest adjacent grade (ft): existing proposed Datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other	
	Existing Structure Information	Proposed Structure Information
	Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab on grade <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other	Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab on grade <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other
	Foundation floor elevation (ft)	Foundation floor elevation (ft)
	Height of crawl space/basement from finished foundation floor to bottom of floor joists (ft)	Height of crawl space/basement from finished foundation floor to bottom of floor joists (ft)
	Elevation of 1st floor above basement floor/crawl space (ft)	Elevation of 1st floor above basement floor/crawl space (ft)
	For enclosed areas below the flood elevation, such as a crawl space, garages and accessory structures: Area of proposed foundation (sq ft) Elevation of proposed enclosed area (ft) datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other	
	Number of flood vents net opening of each vent (sq inches) lowest elevation of flood vents (ft)	

COMPLETE FOR DAMS, EMBANKMENTS, DIKES, SPILLWAYS, or CONTROL STRUCTURE PROJECTS

- This Section is for activities as regulated under Part 315. For more information go to www.mi.gov/damsafety.
- If wetlands, lakes or streams will be impacted, also complete those appropriate sections.
- Information on removing a dam is available at www.mi.gov/damsafety and following the Related Link –Dam Management.
 - Attach detailed signed and sealed engineering plans for a Part 315 dam repair, dam alteration, dam abandonment, or dam removal.
 - Part 315 Dam Safety application fees are added to all other application fees.
 - Mail applications for dams regulated under Part 315 to EGLE, WRD, P.O. BOX 30458, LANSING, MI 48909-7958, **attention Dam Safety**.

Proposed Activity	<input type="checkbox"/> abandonment	<input type="checkbox"/> alteration	<input type="checkbox"/> enlargement of an existing dam
	<input type="checkbox"/> removal	<input type="checkbox"/> repair	<input type="checkbox"/> reconstruction of a failed dam
	<input type="checkbox"/> new dam construction	<input type="checkbox"/> other	

Dam ID Number, if known	Type of outlet discharge structure <input type="checkbox"/> surface <input type="checkbox"/> bottom <input type="checkbox"/> mid-depth
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Will proposed activities require a drawdown of the waterbody to complete the work? No Yes ➤ If Yes, complete drawdown section

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

Hydraulic Height (difference between design flood elevation and streambed elevation at downstream embankment toe) (ft) _____	Impoundment size at design flood elevation (acres)
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Does dam meet the criteria for regulation under Part 315? (i.e. hydraulic height of 6 feet or more and an impoundment size at the design flood of 5 surface acres or more) No Yes

Dredging/excavation volume (cu yd)	Fill volume (cu yd)	Riprap volume (cu yd)
------------------------------------	---------------------	-----------------------

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:

Complete the following for a new dam, reconstruction of a failed dam or enlargement of an existing dam:

For Part 315 regulated dams, the following must be attached:

- Site-specific conceptual plans of the dam for resource impact review (An engineering report and detailed engineering plans are not required until the project has been determined to be permissible).
- A description and evaluation of the loss of natural resources associated with the project.
- A description of the natural resources that are associated with or created by the impoundment and how they offset the natural resources lost by the creation of the impoundment.
- An assessment of all known existing and potential adverse effects within the scope of the project.

Embankment dimensions	length (ft)	top width (ft)	bottom width (ft)	slopes (vertical / horizontal)	Upstream Downstream
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Have soil borings been taken at dam location?	<input type="checkbox"/> No <input type="checkbox"/> Yes	➤ If Yes, attach results.
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Do you have flowage rights to all proposed flooded property at the design flood elevation?	<input type="checkbox"/> No <input type="checkbox"/> Yes	➤ If No, provide a letter of authorization from the property owner.
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Applications for Part 315 regulated dam removal projects must also include the following:

- An evaluation of the capacity of the remaining structure to pass flood flows.
- An evaluation of the quantity and quality of the sediments behind the impoundment.
- A description of the methods to be employed to control sediments.
- An assessment of all known existing and potential adverse impacts within the scope of the project.

COMPLETE FOR PROJECTS AFFECTING CRITICAL DUNE AND HIGH RISK EROSION AREAS

GENERAL INFORMATION

On Lakes Michigan and Superior are areas of dunes designated as Critical Dune Areas, www.mi.gov/criticaldunes, which are regulated under Part 353. High Risk Erosion Areas, www.mi.gov/shorelands, are present on Lakes Huron, Michigan and Superior, and are regulated under Part 323. In addition, Part 323 also regulates areas designated as Environmental Areas along the shorelands of the Great Lakes. Permits are required for proposed structures and/or uses in Critical Dune or designated Environmental Areas.

All property boundaries and proposed structure corners, including decks, septic systems, water wells, driveways, grading, and terrain alteration locations must be staked before the WRD site inspection

Scaled overhead and cross-section plans must include all property boundaries, locations, and dimensions of all existing structures and impacted areas, and all proposed structures, terrain alterations, and construction access. Cross-sections must show existing and proposed grades, including foundations.

Provide the following information common to the review for requests for permits in Critical Dune Areas and High Risk Erosion Areas. Continue to 9A for Critical Dune Areas and 9B for High Risk Erosion Areas to provide information specific to those Areas. Additional information may be required to complete the application review. **Although not required, submitting PHOTOGRAPHS of the site may provide for a faster application review.**

Property Information

Parcel dimensions: width (feet) _____ and depth (feet) _____ Year the current property boundaries were created: _____

All property boundaries, proposed structure corners and uses must be staked before the WRD site inspection. Date project staked (M/D/Y) _____

Sewage Disposal Information

Type of sewage disposal (choose one): public sewer system private septic system does not apply to this project

If a private septic system is proposed, answer the following: The septic system is: New Replacement

Has an application for permit been made to the County Health Department? No Yes

Has a permit been issued by the County Health Department? No Yes If yes, attach a copy of the permit, and show septic/sewer on plans.

What type of area is the project within (choose all that apply)? Critical Dune Area High Risk Erosion Area

Select the type of proposed activities (select only one, add additional sheets for multiple activities):

*A home and garage are separate structures unless the garage is beneath the home

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> New Home | <input type="checkbox"/> Driveway | <input type="checkbox"/> Road – New | <input type="checkbox"/> Other, Describe: _____ |
| <input type="checkbox"/> Building - addition | <input type="checkbox"/> Fence | <input type="checkbox"/> Road – Upgrade | |
| <input type="checkbox"/> Garage | <input type="checkbox"/> Fill | <input type="checkbox"/> Basin – Stormwater or Sediment | |
| <input type="checkbox"/> Septic System | <input type="checkbox"/> Grading | <input type="checkbox"/> Structure Removal | |
| <input type="checkbox"/> Deck(s)/Platform | <input type="checkbox"/> Other Structure | <input type="checkbox"/> Survey Activities/Scientific Measuring Devices | |
| <input type="checkbox"/> Landscaping | <input type="checkbox"/> Other Use | <input type="checkbox"/> Temporary Access | |
| <input type="checkbox"/> Building - accessory structure | <input type="checkbox"/> Parking Area | <input type="checkbox"/> Utility – Electrical, fiber optic | |
| <input type="checkbox"/> Building - Commercial/Industrial/Public new | <input type="checkbox"/> Path/Sidewalk | <input type="checkbox"/> Utility – Sewer/Water line | |
| <input type="checkbox"/> Building/Structure Relocation | <input type="checkbox"/> Restoration | <input type="checkbox"/> Vegetation Removal | |
| <input type="checkbox"/> Condominium/Subdivision/Residential Development | <input type="checkbox"/> Retaining Wall | <input type="checkbox"/> Well | |

Foundation type: Basement Crawlspace Concrete Slab Pilings NA

What is the proposed new construction material above the foundation wall? block log stud frame other NA

What is the proposed new siding material? block vinyl wood other NA

Indicate dimensions for each existing structure/use and if in critical dune or high risk erosion area (add lines or additional sheets as needed):

Identifier (type & CDA or HREA) _____ (feet) Length _____ width _____ area (square feet) _____

Select the type of existing structures/uses on site (select only one, add additional sheets for multiple activities):

*A home and garage are separate structures unless the garage is beneath the home

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> New Home | <input type="checkbox"/> Driveway | <input type="checkbox"/> Road – New | <input type="checkbox"/> Other, Describe: _____ |
| <input type="checkbox"/> Building - addition | <input type="checkbox"/> Fence | <input type="checkbox"/> Road – Upgrade | |
| <input type="checkbox"/> Garage | <input type="checkbox"/> Fill | <input type="checkbox"/> Basin – Stormwater or Sediment | |
| <input type="checkbox"/> Septic System | <input type="checkbox"/> Grading | <input type="checkbox"/> Structure Removal | |
| <input type="checkbox"/> Deck(s)/Platform | <input type="checkbox"/> Other Structure | <input type="checkbox"/> Survey Activities/Scientific Measuring Devices | |
| <input type="checkbox"/> Landscaping | <input type="checkbox"/> Other Use | <input type="checkbox"/> Temporary Access | |
| <input type="checkbox"/> Building - accessory structure | <input type="checkbox"/> Parking Area | <input type="checkbox"/> Utility – Electrical, fiber optic | |
| <input type="checkbox"/> Building - Commercial/Industrial/Public new | <input type="checkbox"/> Path/Sidewalk | <input type="checkbox"/> Utility – Sewer/Water line | |
| <input type="checkbox"/> Building/Structure Relocation | <input type="checkbox"/> Restoration | <input type="checkbox"/> Vegetation Removal | |
| <input type="checkbox"/> Condominium/Subdivision/Residential Development | <input type="checkbox"/> Retaining Wall | <input type="checkbox"/> Well | |

Foundation type: Basement Crawlspace Concrete Slab Pilings NA

What is the existing construction material above the foundation wall? block log stud frame other NA

What is the existing siding material? block vinyl wood other NA

Indicate dimensions for each existing structure/use and if in critical dune or high risk erosion area (add lines or additional sheets as needed):

Identifier (type & CDA or HREA) _____ (feet) Length _____ width _____ area (square feet) _____

CRITICAL DUNE AREAS

Attach additional plans and information with this application (See Sample Drawing 20).

Permits are required for activities considered a use or a contour change in a critical dune area. For more information go to www.mi.gov/criticaldunes. Construction in critical dune areas on slopes that measure from a 1-foot vertical rise in a 4-foot horizontal plane (25 percent) to less than a 1-foot vertical rise in a 3-foot horizontal plane (33 percent) requires plans prepared by a registered architect or licensed professional engineer. There are projects which may require a [special exception application and review](#). Contact the local EGLE office for more information.

Dune habitat present in activity site and access route(s) (check all that apply):

Open Dune Wetland Shrubs Forested Sparse trees and low growing vegetation Other land use (already impacted)

Maximum slope in project area <25% 25 - <33.3% => 33.3% Unknown

Is the project within 100 feet measured landward from the dune crest? No Yes

If retaining walls are proposed indicate the total linear feet. Include all existing and proposed walls used for landscaping and driveways. _____

Sand relocation will be on-site off-site

➔ If on-site show location and how the disposal site will be accessed on the plans. Indicate the depth of the disposed sand on the plans.

Has a permit or letter from the County Enforcing Agent stating the project complies with Part 91 (Soil Erosion and Sedimentation Control) been obtained? No Yes, Attach a copy of the permit or letter. Note: this permit or letter is required before permit issuance.

Attach a copy of the vegetation assurance letter or the re-vegetation plan including the number of trees to be removed and replanted.

How many trees will be removed? _____ How many trees will be replanted? _____

If utility lines are proposed, what is the utility installation method? directional bore open trench plowing in other

On the site plan show utility locations and dimensions, construction access route, and locations of vegetation to be removed. On the cross-sections show existing and proposed elevations.

Special Use Projects

For special use projects defined by MCL 324.35301 (j), provide a description including all of the following information (attach additional sheets if necessary):

- Lot size, width, density, and front and side setbacks
- Storm water drainage that provides for disposal of drainage water without serious erosion
- Methods for controlling erosion from wind and water
- Re-stabilization plan
- Environmental impact statement or environmental site assessment as determined by EGLE staff.

Are you applying for a special use? No Yes If yes, describe special use request: _____

Are you applying for a special exception? No Yes If yes, attach the application for Special Exception with this submittal.

HIGH RISK EROSION AREAS

Attach additional plans and information with this application (See Sample Drawing 19).

Areas of shoreline along Lakes Huron, Michigan and Superior have been studied to determine how quickly the shoreline is receding due to erosion. Areas receding at an annual rate of 1 foot per year or greater are designated as High Risk Erosion Areas (HREAs). For each HREA the projected recession distance of the shoreline has been calculated for 30 and 60 years. Property owners are required, through a permitting process, to build structures a calculated distance landward of the actively eroding shoreline for the protection of their structures. The projected recession distances, and more information about High Risk Erosion Areas, may be found at www.mi.gov/shorelands.

Number of proposed individual living-units in the building: _____

Bluff height (vertical feet): =< 25 feet > 25 feet unknown

The projected recession distance is: 30 year _____ (feet); 60 year _____ (feet) unknown

Is there access of sufficient width and grade for relocation without damaging nearby vegetation, dunes or wetlands? No Yes

If renovating or restoring a non-conforming structure that has deteriorated or has become damaged, [subrule 281.22 \(15\)](#), provide the following:

Renovation or restoration cost _____

Current replacement value _____

Tax assessed value of the existing structure excluding land value _____ Assessment year: _____

ATTACHMENT CHECKLIST: Project Maps, Drawings, and Fees

Required Maps and Drawings:

- Detailed Vicinity Map** (Site Location Map) that clearly identifies your project location. Draw a map, copy a plat map or a county map. The map must show the exact location of the proposed project including area roads and intersections. Please keep in mind that WRD field staff must be able to find the exact location of the proposed activities based on this information. If the property lines and impact locations are not clearly identifiable, the area should be staked, flagged, or otherwise clearly marked for site inspection purposes.
- Overall Project Site Plan** showing existing conditions (i.e., property boundaries, streams, wetlands, ditches, ponds, and other water features on the applicant's property) and all proposed activities. Many projects involve multiple activities requiring detailed information that cannot be captured in one drawing or illustration. As such, an overall project site plan should be submitted that shows the entire property and the location of all proposed activities. Separate plan view drawings should also be submitted for individual activities as necessary. The individual plan view drawing(s) should include all the required dimensions (length, width, area, cubic yardage, etc. as appropriate) for each activity, property lines, and water features. Include Soil Erosion and Sedimentation Control measures, as appropriate.
- Cross Sectional and Profile Drawings** of all proposed activities.
- Descriptive photographs** of the proposed work site are helpful. All photographs must be labeled with your name and the date of the photograph, indicate what they show, and be referenced to the site plan. Proposed activities or structure(s) may be indicated directly on the photographs using indelible markers or ink pens.
- Color or black and white aerial photographs with GIS generated images are very helpful and encouraged. However, they are not acceptable as project site plans because they are not legible after photocopying. Please provide aerial photographs 1:400 or larger for major projects.

All Drawings Should:

- Be black and white, legible, reproducible, and sized to 8.5" x 11". If larger drawings or blue prints are necessary to show adequate detail for review, please submit two full size copies in addition to the 8.5" x 11" drawings.
- Contain the following information: applicant's name, proposed activity, county, town, range and section, north arrow, drawing number and number in set (i.e., drawing 1 of 4), and date prepared.
- Be drawn to scale or contain dimensions, lengths, widths and depths, etc. of the proposed activities. Show vertical scale if different than horizontal scale. Scale or dimensions are required on all drawings including plan view, cross sections, and profiles.
- Include a description in the Elevation Data of the reference point or benchmark used and its corresponding elevation. For projects on the Great Lakes or Section 10 Waters, elevations must be provided in IGLD 85. For observed Great Lake water elevations in IGLD, visit the USACE website under "water levels". If elevations are from still water, provide the observation date and water elevation. On inland sites, elevations can use NGVD 29, NAVD 88, a local datum or an assumed bench mark.

Additional Attachments:

- For projects where applicant is not landowner and/or if agent is signing the application, attach authorization letters.
- For projects where spoils are being disposed of off-site, attach landowner authorization letters or other disposal facility documentation.
- For Public Notice Projects (Individual Permits) attach Adjacent Landowner information (all properties touching or across the road from the project site).
- For projects including easements or other compliance issues, attach the appropriate documentation.
- For projects with a Wetland Delineation, attach report with data sheets and/or WIP issued letter.
- For projects requiring more space than allotted (project summary, alternatives, etc.), attach additional sheets as necessary.
- Appropriate Addendums I-IV.
- For projects involving mitigation, attach the required mitigation details as described on the [Conceptual Mitigation Plans](#) document and [Checklist for Wetland Mitigation Plans](#). Additional requirements may be associated with projects reviewed by the Army Corp of Engineers.
- For projects involving stream mitigation or improvement, attach the required plans showing the proposed replacement of stream functions.
- For projects on a stream with a drainage area of greater than 2 square miles (Part 31 and/or 301), attach hydraulic analysis or other appropriate documentation.
- For floodplain projects (Part 31) requesting expedited review, attach the following:
 - Photographs of the work site labeled to identify what is being shown and with the direction of the photo clearly indicated. Include photographs of any river or stream adjacent to the project.
 - A letter or statement from the local unit of government acknowledging your proposed application. See the website for sample wording.
- For dam projects (Part 315), attach detailed signed and sealed engineering plans for a Part 315 dam repair, dam alteration, dam abandonment, or dam removal.
- For Critical Dune or High Risk Erosion Areas, attach septic system permit, permit or waiver letter from local County Enforcing Agent of Soil Erosion and Sedimentation Control and other supporting documents as needed for the proposed activity (see Section 11).

Filing Fee and Submitting the Application Package (please verify you are submitting the correct fee by referencing

http://www.michigan.gov/documents/deq/deq-wrd-jpa-app-c-fees_353998_7.pdf); note that fees are based on the type of permit application:

- Fee was submitted Online.
- Fee is submitted via mail with check or money order made payable to the State of Michigan. If mailing the application and fee, send it to the appropriate EGLE District Office. EGLE District Office information can be found at http://www.michigan.gov/documents/deq/wrd-permit-staff_402908_7.pdf
- Applications for dams regulated under Part 315 or from public agencies eligible to receive federal and/or state transportation funding for a project involving public roadways, non-motorized paths, airports, or related facilities if sent via mail should be addressed to: EGLE, WRD, P.O. BOX 30458, LANSING, MI 48909-7958. These applications are encouraged to be submitted through MiWaters.

Applicant's Certification**A SIGNATURE MUST ACCOMPANY THE APPLICATION - Read carefully before signing.**

I am applying for a permit(s) to authorize the activities described herein with the submitted application. 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, that it is in compliance with the State Coastal Zone Management 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 EGLE, USACE, and/or their agents or contractors to enter upon said property in order to inspect the proposed activity site before and during construction and after the completion of the 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.

<input type="checkbox"/> Property Owner <input type="checkbox"/> Agent/Contractor* <input type="checkbox"/> Corp. or Public Agency / Title <small>*Requires letter of authorization from owner</small>	Printed Name	Signature	Date
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