Digital EGLE/USACE Joint Permit Application (JPA) for Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams, Environmental Areas, High Risk Erosion Areas and Critical Dune Areas

version 1.38

(Submission #: HPW-WZNZ-8D98W, version 3)

Details

Submission ID HPW-WZNZ-8D98W

Submission Reason New

CORRECTION REQUEST *(APPROVED)*

Threatened and Endangered Species

For project of this scope, our updated Threatened and Endangered species procedures are to have the applicant run the proposed project through USFWS IPAC D-Key. Your responses to questions within the D-key will determine if you can achieve a "No Affect" determination for fed listed species (if applicable) by agreeing to potential BMPs.

Please provide us with the D-Key output letter after you have completed this step. If you have questions or need instructions to get started on this step, please let us know.
Created on 10/6/2023 10:29 AM by **James Bales**

1 COMMENT

Matt Byrne (matt.byrne@ohm-advisors.com) (10/16/2023 7:35 AM)
The species list and determination key results are attached at the end of the application.

Form Input

Instructions

To download a copy or print these instructions, please click this link (recommended).

The EGLE/USACE "Joint Permit Application" (JPA)

READ THOROUGHLY BEFORE STARTING THE FORM
It is recommended to download a pdf of this page at www.michigan.gov/jointpermit for reference while filling out the form. Please also refer to this website for additional information regarding this form, including a glossary and other helpful resources on information required to be submitted in this form.

This is the Joint Permit Application (JPA) for construction activities where the land meets the water. This application covers permit requirements derived from state and federal rules and regulations for activities involving:

Wetlands
Floodplains
Marinas
Dams
Inland Lakes and Streams
Great Lakes Bottomlands
Critical Dunes

High Risk Erosion Areas

This application prevents duplication of state and federal forms for these activities and provides concurrent review under all pertinent state and federal laws. In the case of U.S. Army Corps of Engineers (USACE) jurisdiction, the Michigan Department of Environment, Great Lakes, and Energy will also send a copy of this Joint Permit Application to the USACE for simultaneous processing. The Michigan Department of Environment, Great Lakes, and Energy will provide coordination between state and federal agencies during the application review.

This application form is set up with the following sections to be completed by the applicant (note that it is recommended to gather all this information prior to starting this form):

Contact Information:
Applicant, Property Owner(s), Consultant(s), and any other Authorized Representative(s)
Authorizations are required from the property owner for:
- when the applicant is not the owner,
- when there is a consultant/representative for the applicant,
- when spoils disposal locations are not on site,
- when other permissions are necessary based on project specifics and are identified by the form.

Project Location Information:
Address, coordinates, and directions to the site, etc.

Background Information:
Existing site conditions, other related permits, existing easements/encumbrances, other related application numbers (pre-application meetings, Wetland Identification Program, etc.)

Permit Application Category and Public Notice Information:
This section asks what permit application category you believe fits your project. While this is not required to submit the application, knowing this will also help you submit the right permit application fee and avoid a correction request and processing delays.

The choices of permit application categories to select in the form are:
General Permit, $50 fee (https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/WRD/Wetlands/General-Permit-Categories.pdf?rev=e7fc28cb17e14c7b821b7595f6aa585d&hash=490A504F4063BC141104F8DDDCAF70AE)
Minor Project, $100 fee (https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/WRD/Wetlands/Minor-Project-Categories.pdf?rev=c0e17657e1484b20afe47010a67a6999&hash=3C83AAE98832042FA83E28328C7C9842)
Public Notice Individual Permit, range from $500-$4,000 depending on type of activity. For High Risk Erosion Areas and Critical Dune Areas fees for Public Notice individual permit applications can range from $50-$4000. Additional fees may be applied for some special project requirements such as hydraulic analysis, dam projects, and a special exception application in a critical dune area. See Fee Schedule on website for more information.
Unsure, select this and the permit reviewer will make the determination on permit type after the application is submitted based on the project details. However, some fee is required to be submitted with the application. If an additional fee is required, the Michigan Department of Environment, Great Lakes, and Energy will send a correction request that will show the remaining amount required. The application will not be considered complete without the proper fee.

Adjacent Landowner contact information for Public Notice projects is required by law. This includes any parcels touching the project parcel and parcels across the street.

Project Description:
Information on the Proposed Use and Purpose of the project (who and what the project is intended for and why is it needed). This includes a written summary of the project as well as a list of project uses and types to select from as follows:

Project Use Selections:
Private
Commercial
Public/Gov/Tribal
Federal/State funded
Non-Profit
Other

Project Type Selections:
Agriculture
Airport
Development- Condo/ 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
Utility-Oil and gas pipelines
Utility-Sewer/water line
Other

Construction Details including sequencing, timeframes, SESC measures, etc.

Alternatives Analysis detailing all options considered and why this is the least impactful feasible and prudent proposal. The depth of this analysis is typically commensurate with the size and purpose of the project and at minimum should include variables such as alternate locations (including other properties), configurations and sizes (layout and design), and methods (construction technologies), and other constraints (local regulations, resource issues). Discussion should also include why the ﷺdo nothingﷺ alternative is not feasible or prudent.

Project Compensation:
Narrative of how proposed impacts will be compensated (mitigated or other minimization measures), including amount, location, and method; or why mitigation should not be required. This can be traditional mitigation and/or other techniques used to minimize overall loss of functions.

Resource and Activity Type. This section is intended to determine what additional sections of the application are generated (as seen on the left side of the screen) for further information gathering. This includes questions regarding what Resource feature is involved (e.g., wetland, stream, floodplain, pond, dam, critical dune, etc.) and if there are identified Special Activities (i.e., activities requiring a specific series of questions to be answered). Be sure to choose all that apply to your project. If your activity is not listed, choose ﷺNone of the Aboveﷺ and move on to the next question. More specific activity questions will appear later based on the resource section answers.

Resource Information and Impacts Sections (Multiple Sections). These are a series of sections that will appear on the left side of the screen based on your answers to the Resource and Activity Types section. You will input further information on the existing resources to be impacted (e.g., wetland type, permanent or temporary impact, water elevation data, drainage area, etc.) and all proposed Project Activities with their Dimensions (e.g., length, width, depth, square footage). For example, when ﷺWetlandﷺ is selected as a resource that your project will involve, a ﷺWetland Project Information and Impactsﷺ section will appear on the left side of the screen that includes questions specific to gathering information about the wetland.

For projects including Floodplains, Marinas, Dams, Critical Dunes, or High Risk Erosion Areas individual sections will appear on the left side of the screen that include different sets of specialized questions as required by those programs. These sections do not share a specific format. Help tips will guide you in filling out these sections.

For projects including wetlands, ponds, inland lakes, streams, or the Great Lakes resources, individual sections will appear on the left side of the screen that are similar in format to each other. Each of these resource sections asks initial general information and then has additional questions regarding the Types of Activities proposed for each resource. The outline for these resource activity impacts questions is Activity Type, Dimensions Table, and Special Questions.

There are four overall ﷺTypes of Activitiesﷺ groups for wetlands, ponds, inland lakes, streams or the Great Lakes:
Fill Activities
Dredge Activities
Structure Activities
Other Activities

Under each of these Types of Activity questions, specific activity lists will be shown that are typical for that type (fill, dredge, structure, other) and resource (wetland, lake, stream, etc). Follow these steps to accurately fill out the Activity Type Questions:

1. Start with the Fill question and choose any activities on the list that is included in your project. If your activity is not shown, then select ﷺNone of the Aboveﷺ and move to the next question.

2. When you select an activity listed under Fill, Dredge, Structure, or Other, a dimensions table will appear under that question.

This table is where you enter EACH activity OF THE TYPE YOU SELECTED and associated dimensions. Be sure that all the activities you selected are also listed in the table with the dimensions. Multiple activities covering the same footprint may be combined on one line in the table (for example, riprap on slopes of driveway fill can be entered on the same impact dimensions line and does not necessarily need to be broken out).

3. Continue to answer the Activity Type questions (Fill, Dredge, Structure, Other) until all have been answered with either a specific Activity listed under that Type or "None of the Above". If you did not find your activity in any list then select "Other, Other" and provide a description of your activity in the space that appears. Please be as descriptive as possible.

Proposed mitigation questions may appear within specific resource types sections based on your answers. Enter any proposed mitigation in the appropriate section (wetland, stream, etc.) and if no mitigation is proposed you must provide commentary with an explanation as to why it is not required. Mitigation plans according to the mitigation checklist (link) are required for a complete application. When mitigation is proposed be sure to also select mitigation in the Permit Application Type section under the second question.

In the above sections, uploads will be prompted as required by the answers to questions. These should be uploaded in these location (ex, mitigation plans should be uploaded in the mitigation section). Please do not wait to upload one large document with all plans combined at the end. Note that each individual upload is limited to 10M.

Upload of Proposed Site Plans.
Any plans or explanatory narratives not requested in previous sections should be uploaded in this section. Construction Plans including overhead view, cross sections, and profiles showing each impact either to-scale or with dimensions are required and typically would be uploaded here. Plan labels should correspond with labels entered in the form for each activity selected. The application will not be complete without the proper site plans. If drawings are not received with all required dimensions and resources identified, then the Michigan Department of Environment, Great Lakes, and Energy will send a correction request and your application processing will be delayed. However, please limit drawings, plans, and narratives submitted to the items necessary for permit review. For example, entire bid package documents and CAD drawings are often not helpful for permit review and may cause delays from wading through extraneous information. Plans, profiles and cross sections specific to the resource impacts are the most helpful.

Review:
This section allows you to see the entire form with the answers you entered. Please review for accuracy prior to hitting the submit button. A print option is provided on this screen (print to PDF is recommended). Once the application is submitted you may not make changes to it until the application has been assigned to a staff person.

Certify & Submit:
This is the final section of the application form. The "Submit Form" button selection certifies that all information in the application is true and accurate and that you have the authority to apply for the permit as indicated. This application will become part of public record.

We recommend that you have the above information ready prior to starting this application. You will be able to save in-progress applications and come back later, but all required uploads and questions are necessary before the system will allow submittal of the application. Some sections of this application form load faster than others depending on the complexity of the questions. Thanks for your patience while you work through the application. For assistance with this form visit:
https://www.michigan.gov/jointpermit

Click here for additional information on maps, drawings, and other attachments

Contact Information

Applicant Information (Usually the property owner)

First Name	Last Name
Hillary	*Hanzel*

Organization Name
City of Ann Arbor

Phone Type	Number	Extension
Business	734-794-6230	

Email
hhanzel@a2gov.com

Address
301 E HURON ST
GUY C LARCOM CITY HALL
ANN ARBOR, MI 48104

Is the Property Owner different from the Applicant?
No

Has the applicant hired an agent or cooperating agency (agency or firm assisting applicant) to complete the application process?
Yes

Agent Contact

First Name	Last Name
Matt	*Byrne*

Organization Name
OHM Advisors

Phone Type	Number	Extension
Mobile	715-271-9693	

Email
matt.byrne@ohm-advisors.com

Address
34000 Plymouth Rd
Livonia, MI 48150

Upload Attachment for Authorization from Agent
DesignatedAgent_WCPARC_A2_Bergmann.pdf - 08/28/2023 09:23 AM
Comment
OHM is subconsultant to Bergmann

Are there additional property owners or other contacts you would like to add to the application?
Yes

Additional Contact Information (1 of 1)

Contact Role(s)
Consultant

Contact Information

Prefix
NONE PROVIDED

First Name	Last Name
Jeremy	*Hedden*

Title
Project Manager

Organization Name
Bergmann

Phone Type	Number	Extension
Mobile	517-214-0282	

Email
jhedden@bergmannpc.com

Address
7050 W SAGINAW HWY STE 200
LANSING, MI 48917

Project Location

EGLE Site Reference Number (Pre-Populated)
7599224680970537966

Project Location
42.30870462577228,-83.7568473815918

Project Location Address
1010 W Huron River Drive
Ann Arbor, MI 48103

County
Washtenaw

Is there a Property Tax ID Number(s) for the project area?
Yes
Please enter the Tax ID Number(s) for the project location
H-09-17-200-001, H-09-17-300-001

Is there Subdivision/Plat and Lot Number(s)?
No

Is this project within Indian Lands?
No

Local Unit of Government (LUG)
Ann Arbor

Directions to Project Site
From EB I-94, exit towards M-14 (Plymouth) and continue 1 mile, take exit 2 to Miller Rd towards Maple Rd, turn left onto Maple Rd and continue 1 mile, turn right onto W Huron River Dr and continue 0.5 miles to Barton Nature Area.

Background Information

Has the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and/or United States Army Corps of Engineers (USACE) conducted a pre-application meeting/inspection for this project?
Yes

Provide the date of the pre-application meeting/inspection
12/02/2022

Pre-application File Number:
HPN-1GV7-FMX94

EGLE and/or USACE staff person involved in the pre-application meeting/inspection:
James Bale, Erin Smyth

Has the project scope or design changed since the pre-application meeting/inspection?
No

Has the EGLE completed a Wetland Identification Program (WIP) assessment for this site?
No

Environmental Areas are coastal wetlands on the shorelines of the Great Lakes. Enter this number only if a designated Environmental Area is in the proposed project area. Environmental Areas are designated locations along the Great Lakes shoreline. If you don't know whether there is an environmental area within the project area, leave blank. Additional information on Environmental Areas can be found by clicking the following link:
Click Here for Link

Environmental Area Number (if known):
NONE PROVIDED

Has the United States Army Corps of Engineers (USACE) completed either an approved or preliminary jurisdictional determination for this site?
No

Were any regulated activities previously completed on this site under an EGLE and/or USACE permit?
No

Have any activities commenced on this project?
No

Is this an after-the-fact application?
No

Are you aware of any unresolved violations of environmental law or litigation involving the property?
No

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

Are there any other federal, interstate, state, or local agency authorizations associated with this project?
No

NOTE ***(CREATED)***
Local Wetland Ordinance

City of Ann Arbor has a local Wetland Ordinance.
Created on 10/6/2023 10:03 AM by **James Bales**

Permit Application Category and Public Notice Information

Project Category Selection:
The Permit Application Category you apply under is dependent on the type and scope of activities you are undertaking and the resources affected. There is a three-tier permitting process to aid in expediting permits for regulated activities that occur on wetlands, inland lakes and streams, and the Great Lakes (Parts 301, 303, and 325): General Permit, Minor Project, and Individual Permit.

Additionally, Minor Project categories exist for floodplains under the authority of Part 31.

General Permit and Minor Project categories generally meet specific Best Management Practices criteria that have been shown to minimize impacts to resources if followed correctly. If you select a General Permit or Minor Project Category you must select

the specific category(ies) that your project fits under. Any project that does not fit a General or Minor Category are Individual Permit projects. All projects in Critical Dunes, High Risk Erosion Areas, or Dam Safety projects will be Individual Permit Projects.

Indicate the type of permit being applied for.
Individual Permit for all other projects

This type of permit application requires that you include contact information for the adjacent landowners to this project. If you are only entering in a small number of bordering parcel owners contact information, please select "Enter list of recipients". If there is a rather large number of affected property owners such as a project that significantly affects lake levels, please upload a spreadsheet of the property owners. Please include names and mailing addresses.
Enter list of recipients.

This project may require public noticing. Please list the adjacent landowners to the project, along with any of the others that may apply:

Contact Type	Contact Person	Mailing Address	City	State	Zip Code
Adjacent Landowner	City of Ann Arbor-Argo Park	PO Box 8647	Ann Arbor	MI	48107
Adjacent Landowner	Village of Barton Hills	199 Barton Shore Dr	Ann Arbor	MI	48105
Adjacent Landowner	Village of Barton Hills	175 Barton Shore Dr	Ann Arbor	MI	48105
Adjacent Landowner	City of Ann Arbor-Green Belt Park	301 E Huron St	Ann Arbor	MI	48104
Adjacent Landowner	MDOT Office of Rail-Sierra Williams	PO Box 30050	Lansing	MI	48909

Link to General Permit Categories with Descriptions

Link to Minor Permit Categories with Descriptions

Link to Minor Project Category descriptions for Floodplain Only projects (See R323.1316)

Project Description

Project Use: (select all that apply - Private, Commercial, Public/Government/Tribal, Receiving Federal/State Transportation Funds, Non-profit, or Other)
Public/Government/Tribal

Project Type (select all that apply):
Transportation

Please enter your answers in the text box for the next four questions. If you have a long description, please use the document upload at the end of the section. Please make every effort to enter your information directly into the application text boxes. If the answer is in an attachment, please identify that in the text box below.

Project Summary (Purpose and Use): Provide a summary of all proposed activities including the intended use and reason for the proposed project.
The project consists of paving an existing gravel trail using concrete pavement. The project will result in improved ADA access and a reduction in overall soil erosion and sedimentation. This trail is part of the overall Border to Border system. The project will involve tree removals, grading, concrete paving, ditching, and surface restoration. Additional pathway grading was also required to accommodate larger maintenance vehicle access along the pathway to Barton Dam. The proposed trail width is 10-feet, except from station 130+91 to station 131+94 where the path is 14-feet wide.

CORRECTION REQUEST *(APPROVED)*
Trail width

How wide is the proposed trail?
Created on 10/6/2023 10:24 AM by **James Bales**

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.
Trees will be felled during the winter months to minimize the disturbance to listed bats. Tree stumps will remain until later in the spring for active grading and trail construction. Prior to active construction, the silt fence and all other erosion control measures will be installed. Temporary traffic control and pedestrian safety measures will be set up next. Full time construction will follow with activities including topsoil stripping and stockpiling, mass grading, aggregate base placement, concrete paving using power buggies to minimize disturbance to the site, surface restoration, seeding, and applying mulch blanket. The use of a temporary barge or "floatilla" of connected barges was evaluated and discussed at the pre-application meeting. It was determined that the impacts to the river bottom are not permissible. The use of concrete power buggies makes use of the existing bridges and minimizes the potential disturbance of heavy equipment rutting up the island section of Barton Nature Area.

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.
The majority of the project is simply paving over an existing gravel trail with concrete and minimal changes to existing grades. In general, concrete pavement will reduce the overall sediment transport associated with the erosion of the the gravel surface. There are some areas of the project that have very steep side slopes that have eroded away over time to exposed a rocky slope. The plans call for minimal disturbance to these fragile slopes. However, where grading is needed on these steep side slopes, the plans call for temporary silt fence and surface restoration using native seed mixes. The use of erosion control logs will also be suitable for these areas.

The area of significant grade change is near the north pedestrian bridge and near the Barton Dam. There is a steep longitudinal slope that leads to the bridge, along with a gravel ramp that's on a more gradual incline. To make this area ADA compliant, the trail grade was raised 2-3 feet. This area is within floodplain, but it significantly improves user access to the site.

The project includes minor wetland fills and floodplain fill of less than 300 cubic yards. The project does not include any in-water work or work within the floodway. All riprap used will be natural rounded cobblestone. All outfalls indicated in the application are necessary to pass flow through the area of floodplain fill.

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.)
The total floodplain fill is less than 300 cubic yards, therefore we do not proposed compensating floodplain cut. The total wetland fill is less than 0.1 acres, and therefore we do not propose any wetland mitigation.

Upload any additional information as needed to provide information applicable to your project regarding project purpose sequence, methods, alternatives, or compensation.
NONE PROVIDED
Comment
NONE PROVIDED

Resource and Activity Type

Important! Answer all questions completely. Properly identifying your project in this section generates the proper application sections. Incomplete applications will require corrections before they can be fully processed.

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.
Intake or Outfall Structures
Other Project Type

The Proposed Project will involve the following resources (check ALL that apply).
Wetland
Stream or River
100-year Floodplain

Major Project Fee Calculation Questions

Is filling of 10,000 cubic yards or more proposed (cumulatively) within wetlands, streams, lakes, or Great Lakes?
No

Is dredging of 10,000 cubic yards (cumulatively) or more proposed within streams, lakes, or Great Lakes? (wetlands not included)
No

Is new dredging or adjacent upland excavation in suspected contamination areas proposed by this application?
No

Is a subdivision, condominium, or new golf course proposed?
No

Wetland Project Information and Impacts

PLEASE READ
This section is for entering information regarding the impacts to Wetlands only. Do not input information that pertains to other resources (inland lakes, streams, floodplains, etc.). The initial questions are related to wetlands on the project site in general. The Proposed Activities questions are grouped into Fill, Dredge, Structures, Other and are only for wetland impacts related to these activities.
Click HERE for more information on Wetlands Protection Program.

Has a professional wetland delineation been completed for this site?
Yes

Attach a copy of wetland delineation report with data form.
Tech_Memo_Final.pdf - 08/14/2023 04:19 PM
Comment
NONE PROVIDED

Total acres of wetland affected by this project.

Category	Affected area (acres)
Permanent	0.05
Temporary	0
	Sum: 0.05

Is filling or draining of 1 acre or more (cumulatively) of wetland proposed?
No

CORRECTION REQUEST *(APPROVED)*
Impact area

If proposed wetland impacts are below 1-acre, please answer "no" to this question. Answering "yes" kicks it into the Major Project category (with a $2,000 application fee).
Created on 10/6/2023 10:34 AM by **James Bales**

Select all wetland types that will be affected by this project:
Scrub-shrub
Other: Palustrine, scrub-shrub, broad-leaved deciduous (PSS1)

The following questions gather information on the specific Types of Activities your project includes that will impact WETLANDS. There are four overall Types of Activities: Fill, Dredge, Structure, Other. Under each of the Activity Type questions, specific activity lists will be shown. If the activity is not shown in the list given, select None of the Above and move to the next question. When you select an activity under Fill, Dredge, Structure, or Other, a table will appear under that type. Only enter the dimensions of the activity that are within wetland. Multiple activities covering the same footprint may be combined on one line in the table. Continue to answer the Activity Type questions (Fill, Dredge, Structure, Other) until all have been answered with either a specific Activity listed under that Type or "None of the Above". If you did not find your activity in any list then select "Other, Other" and provide a description of your activity.

If your project includes placing fill in wetland then select the proposed activities from the following list. If your activity is not shown, then select "None of the Above" and move to the next question. Only enter an impacted area in one of the impact tables (do not duplicate impact entries).:
Path/Sidewalk

Complete this table for projects involving Fill. Enter each activity/ location that corresponds with each activity selected in the previous question and enter the dimensions. Activities may be entered in one line of the table if they occupy the same impact footprint and cannot be broken out separately (Example: Activity - Driveway and Riprap slope). Multiple activities in different locations should be listed on different lines of the table.

Activity	Length (feet)	Width (feet)	Depth (feet)	Area (square feet)	Volume (cubic feet)	Volume (cubic yards)	Corrected value for complex impact AREAS (square feet)
W1	3	3	.5	9	4.5	0	NONE PROVIDED
W2	70	33	1.4	2310	3234	120	NONE PROVIDED
W3	2	17	0.9	34	30.6	1	NONE PROVIDED
				Sum: 2353	Sum: 3269.1	Sum: 121	Sum: NaN

Source of Fill Material:
Off-site
Please Describe
Class II sand or other suitable clean material

Type of Fill.
Sand

Is riprap proposed?
Yes
Indicate size range of riprap in inches:
8-16 inch diameter

Type of riprap
Field stone

Will material be installed under the riprap?
Yes

Type of material installed under riprap:
Filter fabric

Select from the following list for Excavation/Dredge Activities (if your proposed project is primarily a structure enter the impact as a structure. Only enter an impacted area in one of the impact tables in one impact section):
None of the above

If your project includes STRUCTURES IN WETLAND then select all of the proposed activities in the following list. If your activity is not shown, then select "None of the Above" and move to the next question. Only enter an impacted area in one of the impact tables (do not duplicate impact entries).:
Culvert

CORRECTION REQUEST *(APPROVED)*
Structures in wetland

The plans show that there are structures being placed in wetland (outfall structures or wetland equalization culverts). Please update this table accordingly.
Created on 10/6/2023 10:36 AM by **James Bales**

1 COMMENT
Matt Byrne (matt.byrne@ohm-advisors.com) (10/16/2023 2:34 PM)
There are 2 equalization culverts within the wetland limits. The other equalization culvert is outside wetland limits. The outfall structure is also outside the wetland limits.

Projects involving Structures:

Activity	Length (feet)	Width (feet)	Depth (feet)	Area (Sq. feet)	Volume (cubic feet)	Volume (cubic yards)	Corrected value for complex impact AREAS (square feet)
ES3-Equilizer Culvert	15	1	2	15	30	1	NONE PROVIDED
ES4-Equilization Culvert Extension	10	.5	4	5	20	1	NONE PROVIDED
				Sum: 20	Sum: 50	Sum: 2	Sum: NaN

If your project includes Other Activities in WETLAND not listed in this section, then select from the proposed activities in the following list. If your activity in Wetland has not been listed in this Wetland Section, then select ﷺOtherﷺ and enter a description of your activity. Only enter an impacted area in one of the impact tables (do not duplicate impact entries). If you selected a Fill, Excavation/Dredging, or Structure activity above in this section, but do not have an activity listed as Other, then select None of the Above for this question.
None of the above

Wetland Mitigation
EGLE may impose as a condition of any wetland permit, other than a General permit, a requirement form compensatory mitigation. The wetland mitigation requirement may be waived for projects affecting less than one-third of an acre of wetland if no reasonable opportunity for mitigation exists.

Mitigation plans according to the mitigation checklist (link) are required for a complete application
Wetland Mitigation Information

Is Wetland Mitigation being proposed as part of this proposed project?
No
Explain why no mitigation is proposed.
Project is less than 300 cyd of wetland fill.

NOTE *(CREATED)*
Mitigation

As discussed prior to submittal of this application, cumulative impacts may need to be mitigated for all potential "phases" of this project (if resource impacts are authorized).
Created on 10/6/2023 10:41 AM by **James Bales**

Stream Project Information (1 of 1)

Stream Information

This section is for entering information regarding the impacts to a stream only. Do not input information that pertains to other resources (inland lakes, Great Lakes, floodplains, etc.).

If there are multiple streams associated with the project impacts, or different Ordinary High Water Mark (OHWM) elevation data on the stream reach, provide the information in duplicate stream project information tabs by clicking on DUPLICATE at the top right or bottom of this screen.

Elevation data must include a description of the reference point or benchmark used and its corresponding elevation. If elevations are from still water provide the observation date and water elevation. Include information in this section only as it pertains to proposed project activities in regards to impacts to streams.

This section is for entering information regarding the impacts to Streams only. Do not input information that pertains to other resources (Great Lakes, streams, floodplains, etc.).

Elevation data must include a description of the reference point or benchmark used and its corresponding elevation. If elevations are from still water provide the observation date and water elevation. Information provided in this section should pertain only to proposed activities in regards to Inland Lake impacts.

An OHWM can be determined by either surveyed information or through measurements taken in reference to a static benchmark such as an observed water level or base of a tree, etc. The following information indicates how to determine the OHWM in different situations:

OHWM for Inland Lakes (Part 301) is the line between upland and bottomland identified by the presence of a distinct change in character of the land caused by successive changes in water levels.

In Section 10 regulated waters, the U.S. Army Corps of Engineers (USACE) regulates activities below the USACE Great Lakes OHWM elevation.

See EGLE's YouTube Series for OHWM video tutorials, and the sample OHWM drawing for more information.
Determining the Ordinary High Water Mark (OHWM) - Video

Please provide a name for the stream, river, channel:
Huron River

Stream Water elevation reference* (show elevation on plans with description):
NAVD 88

Ordinary High Water Mark (OHWM) elevation (feet):
772.8

Date of observation (M/D/Y)
02/10/2023

What length (feet) does the project activity(ies) extend waterward of the OHWM?
0

What length (feet) does the project activity(ies) extend landward of the OHWM?
100

Is the drainage area upstream of the proposed project area greater than 2 sq. miles?
Yes

What is the the width (feet) of the stream where the water begins to overflow its banks. This is called the Bankfull width.
130

Will a turbidity curtain be used during the proposed project?
Yes

If there are multiple streams associated with the project impacts, or different Ordinary High Water Mark (OHWM) elevation data on the stream reach, provide the information in duplicate stream project information tabs by clicking on DUPLICATE or ADD NEW below. This adds a new section where you will enter the information about additional project impacts.

Inland Lakes, Great Lakes and Stream Impacts (1 of 1)

PLEASE READ

This section will collect information regarding Inland Lakes, Great Lakes, and Streams impacts and activities only. The initial questions are related to which waterbody the impacts pertain to. When there are multiple waterbodies (e.g., some impacts are on an inland lake and some impacts are on a stream), fill out a DUPLICATE tab for each waterbody impacted. For each waterbody, questions will be asked regarding the proposed activities. Proposed Activities questions are grouped into Fill, Dredge, Structures, Other and are only for the impacts related to these groups. Click the link below for more information on the Inland Lakes and Streams Protection Program.
Link to Information on Inland Lakes and Streams Permitting

The following impact description applies to: (select only one at a time, duplicate this entire section if there are impacts to multiple waterbody types):
Stream

Linear feet of stream affected by your project

Category	Affected linear feet (ft)
Permanent	0

Category	Affected linear feet (ft)
Temporary	0
	Sum: 0

The following questions gather information on the specific Types of Activities your project includes that will impact INLAND LAKES, STREAMS, AND GREAT LAKES. There are four overall Types of Activities: Fill, Dredge, Structure, and Other. Under each of the Activity Type questions, specific activity lists will be shown. If the activity is not shown in the list given, select None of the Above and move to the next question. When you select an activity under Fill, Dredge, Structure, or Other, a table will appear under that type. Only enter the dimensions of the activity that are within INLAND LAKES, STREAMS, or GREAT LAKES. Multiple activities covering the same footprint may be combined on one line in the table. Continue to answer the Activity Type questions (Fill, Dredge, Structure, Other) until all have been answered with either a specific Activity listed under that Type or "None of the Above". If you did not find your activity in any list then select "Other, Other" and provide a description of your activity.

Select from the following list all Fill Activities (select all that apply to this waterbody impacted):
No fill

Activities Involving Dredging or Excavation: Select from the following list for Excavation/Dredge Activities (select all that apply to this waterbody impacted):
No Dredging/Excavation Proposed

If your project includes STRUCTURES then select all of the proposed activities in the following list. If your activity is not shown, then select "None of the Above" and move to the next question. Only enter an impacted area in one of the impact tables (do not duplicate impact entries).:
None of the above

If your project includes Other Activities not listed in this section, then select from the proposed activities in the following list. If your activity has not been listed in this Section, then select "Other" and enter a description of your activity. Only enter an impacted area in one of the impact tables (do not duplicate impact entries). If you selected a Fill, Excavation/Dredging, or Structure activity above in this section, but do not have an activity listed as Other, then select None of the Above for this question.
None of the above

Does the proposed project include mitigation?
none

If there are multiple waterbodies associated with the project impacts, or different Ordinary High Water Mark (OHWM) elevation data on the waterbody, provide the information in duplicate stream project information tabs by clicking on DUPLICATE or ADD NEW below. This adds a new section where you will enter the information about additional project impacts.

Intake or Outfall Structures

CORRECTION REQUEST ***(APPROVED)***

Outfall Structures vs Equalization Culverts

Please see the correction requests above regarding outfall structures vs equalization culverts. Please update if applicable.
Created on 10/6/2023 10:53 AM by **James Bales**

1 COMMENT

Matt Byrne (matt.byrne@ohm-advisors.com) (10/10/2023 9:53 AM)
Only ES1 is a proposed outfall structure. It is not located with a wetland area, but it drains directly into a wetland and then into the Huron River. Treatment is accomplished via an infiltration trench.

Is the intake structure associated with an authorized outfall structure?
No

Number of intakes or outfalls:
1

Pipe Description

Unique Identifier	Pipe Diameter (inches):	Invert Elevation:
ES1	12	776.23

Type of intake or outfall stabilization:
Other: End Section and Riprap

Has the water been treated (outfall only)?
Yes

CORRECTION REQUEST *(APPROVED)*
Stormwater Outfall pre-treatment

Please see the correction requests above regarding outfall structures vs equalization culverts. Please provide more information regarding the stormwater pre-treatment associated with these outfall structures.
Created on 10/6/2023 10:55 AM by **James Bales**

1 COMMENT
Matt Byrne (matt.byrne@ohm-advisors.com) (10/10/2023 9:52 AM)
Infiltration trench details have been added to the plans. Infiltration provides water quality treatment of the runoff via a trench backfilled with open graded 6A stone overlaid with turf grass surface restoration.

Floodplain

Proposed Activity
Fill
Stormwater Outfall

100-Year Floodplain Elevation

Please provide a name for the stream, river, channel, or waterbody:	100-Year Floodplain Elevation (feet)	Datum	Source of Datum
Huron River	778.6	NAVD88	FIS Panel

Upload Documents for Datum Source
NONE PROVIDED
Comment
Floodplain elevation interpolated from FIS panel 26161CV002A dated 4/3/2012 (page 18P)

Excavation/Cut volume below the 100-year floodplain elevation (cubic yards)
0

Fill volume below the 100-year floodplain elevation (cubic yards)
273

Source of Fill Material:
Off-site

Type of Fill
Sand
Other: Riprap for End Sections

Calculations Upload
NONE PROVIDED
Comment
See plan attachment at end of application

Is this project located in the floodway?
No

CORRECTION REQUEST *(APPROVED)*
Portion of Fill Appears in Floodway

Please identify the FEMA mapped floodway on the proposed grating plan and cross sections. It is advised to minimize and eliminate floodway fill in this portion of the floodplain. The main area of concern is attached in the form of 2 PNGs.
Created on 10/5/2023 12:43 PM by **Joshua Gleason**

1 COMMENT
Matt Byrne (matt.byrne@ohm-advisors.com) (10/10/2023 10:58 AM)
The floodway limits have been added to the plans and cross sections. The grading has been revised to eliminate grading in the area south of the bridge (as indicated).

Were one or more Hydraulic Analyses completed for this project?
No

Local Unit of Government (LUG) Acknowledgement Letter Upload
NONE PROVIDED
Comment
NONE PROVIDED

Is there an existing building on site?
No

Upload of Proposed Site Plans

REQUIRED Application, maps, and drawings:
*Overall Project Site Plan
*Cross-Sectional Drawings

For Part 315 Dam Safety applications attach detailed signed and sealed engineering plans for a Part 315 dam repair, dam alteration, dam abandonment, or dam removal.
Examples site plan and cross-sectional drawings

For additional information on maps, drawings, and other attachments visit michigan.gov/jointpermit

Required on all Site Plan uploads. Please identify that all of the following items are included on your plans that you upload with this application.

Site Plan Features	Existing and Proposed Plan Set
Scale, Compass North, and Property Lines	Yes
Fill and Excavation areas with associated amounts in cubic yards	Yes
Any rivers, lakes, or ponds and associated Ordinary High Water Mark (OHWM)	Yes
Exterior dimensions of Structures, Fill and Excavation areas associated with the proposed project	Yes
Dimensions to other Structures and Lot Lines associated with the project	Yes
Topographic Contour Lines from licensed surveyor or engineer when applicable	Yes

CORRECTION REQUEST *(APPROVED)*
Cross sections

Please provide cross sections of the outfall structures. (displaying the wetland boundaries and OHW (including distance to wetland or distance to OHW as applicable).
Created on 10/6/2023 11:48 AM by **James Bales**

CORRECTION REQUEST *(APPROVED)*
Material Stockpiling/spoils

In the project description above there is reference to material stockpiling. Please show on the site plan where this stockpiling will occur (relative to the wetland and floodplain boundaries).
Created on 10/6/2023 11:35 AM by **James Bales**

CORRECTION REQUEST *(APPROVED)*

Ordinary High Water mark displayed on plans

Please display/label the OHW mark of the river on site plans and applicable cross sections. Please also provide/display the distance of the outfall structures to the OHW mark of the river.
Created on 10/6/2023 11:24 AM by **James Bales**

1 COMMENT

Matt Byrne (matt.byrne@ohm-advisors.com) (10/17/2023 8:22 AM)
The OHWM has been added to the plans and show on all applicable cross sections. Dimensions have also been added to the plans.

Upload Site Plans and Cross Section Drawings for your Proposed Project

BANDEMER-BARTON JPA_v4_10-17-2023.pdf - 10/17/2023 08:23 AM
Comment
NONE PROVIDED

Additional Required and Supplementary Documents

Species List_ Michigan Ecological Services Field Office - Barton Bandemer.pdf - 10/16/2023 07:36 AM
MA Verification Letter_ All Species Michigan Determination Key 2023-10-13 - Barton Bandemer.pdf - 10/16/2023 07:36 AM
Comment
NONE PROVIDED

Fees

The application fee identified in this section is a calculation based on answers to the questions in this application. This calculation is an estimate of the total fee and will be reviewed by the application processor to determine if any additional fees are required for a complete application.

Individual Permit Fee:
+$500.00

Total Fee Amount:
$500.00

Is the applicant or landowner a State of Michigan Agency?
No

CORRECTION REQUEST *(APPROVED)*

State Agency

The applicant/landowner is not a State Agency, please answer "no" to this question.
Created on 10/6/2023 10:50 AM by **James Bales**

Revisions

Revision	Revision Date	Revision By
Revision 1	8/14/2023 3:34 PM	Matt Byrne
Revision 2	10/9/2023 2:36 PM	Matt Byrne
Revision 3	10/27/2023 12:30 PM	Matt Byrne