

# 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 1.41

(Submission #: HQ1-QTET-Y5104, version 3)

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## Details

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**Submission ID** HQ1-QTET-Y5104

**Submission Reason** New

## Form Input

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### Instructions

[Click here](#) to download a copy or print these instructions (recommended).

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

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#### **READ THOROUGHLY BEFORE STARTING THE FORM**

It is recommended to download a pdf of this page at [www.michigan.gov/jointpermit](http://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. EGLE 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 \(\\$50 fee\)](#)
- [Minor Project \(\\$100 fee\)](#)
- 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 ex 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, EGLE 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 “do nothing” 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 “None of the Above” 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 “Wetland” is selected as a resource that your project will involve, a “Wetland Project Information and Impacts” 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 “Types of Activities” 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 "None of the Above" 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 where you enter EACH activity OF THE TYPE YOU SELECTED and associated dimensions. Be sure that all the activities you select are also listed in the table with the dimensions. Multiple activities covering the same footprint may be combined on one line in the table 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 EGLE 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.

### USFWS Michigan Determination Key (DKey) Tool:

For projects that propose impacts which require federal coordination, applicants are required to include a letter resulting from the USFWS Michigan Determination Key (DKey) tool for endangered species. Please submit your project proposal into the USFWS Information and Planning and Consultation (IPaC) system online, at <https://ipac.ecosphere.fws.gov/>, and follow the Michigan DKey process to obtain the output letter. For any other projects that have obtained a Michigan DKey output letter, it should be attached to the JPA in the attachments section. The following proposed impacts require the submission of the DKey letter:

- Major Discharges as follows:
  - Projects affecting one or more acre of wetland
  - New construction of breakwaters or seawalls with a total length of more than 1,000 feet
  - Enclosure of more than 300 feet of a stream in one or more segments
  - Relocation or channelization of more than 1,000 feet of a stream in one or more segments
- Projects with potential to affect endangered or threatened species as determined by the US Fish and Wildlife Service

### 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>.

## 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              7347946320

**Email**

HHanzel@a2gov.org

**Address**

301 East Huron St

Ann Arbor, MI 48104

**Is the Applicant the fee simple property owner? (Does the applicant have full and permanent ownership of the parcel, as well as any buildings on that parcel? )**

Yes

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

No

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

No

## Project Location

**EGLE Site Reference Number (Pre-Populated)**

734311290488257992

**Project Location**

42.30220933507652,-83.74666287029748

**Project Location Address**

[NO STREET ADDRESS SPECIFIED]

[NO CITY SPECIFIED], [NO STATE SPECIFIED] [NO ZIP CODE SPECIFIED]

**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**

09-09-17-402-001

**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 South US-23 BUS, take exit 3 for US-23 BUS toward Downtown Ann Arbor. Turn right onto W Huron River Dr for 0.2 miles.

## 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**

10/23/2023

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

**EGLE and/or USACE staff person involved in the pre-application meeting/inspection:**  
James Bales

**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?**  
Yes

**List all other federal, interstate, state, or local agency authorizations.**

Agency	Type of Approval	Number	Date Applied	Approved/Denied/Undetermined
Amtrak	Letter of No Exception	N/A	06/06/2024	Approved

**Comments**  
We have received letter approval from Amtrak..

**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
- 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.

- [Link to General Permit Categories with Descriptions](#)
- [Link to Minor Project Categories with Descriptions](#)
- [Link to Minor Project Category Descriptions for Floodplain Only Projects \(See R323.1316\)](#)

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

CORRECTION REQUEST (APPROVED)

Permit Category - Individual Permit

Elements of the proposed project do not meet a General Permit or Minor Project category (stream relocation/reconstruction, .32 acres of wetland impacts). This requires that you apply for an Individual Permit. An Individual Permit application has a \$500 application fee and a 20-day Public Notice is also required.  
Created on 5/1/2024 3:27 PM by **James Bales**

2 COMMENTS

James Bales (balesj@michigan.gov) (5/24/2024 9:04 AM)

The stream relocation/reconstruction and proposed wetland impacts do not meet a GP or MP category. This requires that you apply for an Individual Permit. An Individual Permit application has a \$500 application fee and a 20-day Public Notice is also required.

Alexandra Burt (aburt@bergmannpc.com) (5/10/2024 10:02 AM)

The wetland impact of 0.32 acres double counted impacts from a previous permit. For this permit, wetland impacts are 0.27 acres.

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	Barton Hills Main Corp	Barton Shore Dr	Ann Arbor	MI	48105
Adjacent Landowner	1380 North Main, LLC	525 W William St	Ann Arbor	MI	48103
Adjacent Landowner	Adams Trust	135 Barton Dr	Ann Arbor	MI	48105

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 City of Ann Arbor and Washtenaw County Parks & Recreation (WCPRC) have partnered to deliver a critical non-motorized connection along the Huron River in Ann Arbor. The Border-to-Border (B2B) trail system provides access to nature and activities for local and regional visitors, the many parks and natural areas along the Huron River, as well as being an important non-motorized transportation corridor for commuters to Ann Arbor and the University of Michigan. It is also part of the Iron-Belle trail system that extends from Detroit's Belle Isle all the way to the western end of Michigan's Upper Peninsula. This proposed project will provide a long-desired safe and legal pedestrian connection beneath the MDOT owned railroad between Bandemer Park and Barton Nature Area. This pedestrian underpass is a critical gap in the B2B trail and a key piece of infrastructure to connect the B2B trail westward. There is currently heavy trespassing of the Michigan Line Railroad near Bandemer Park at this location which is both dangerous and illegal. Users Park at Bandemer Park and then illegally cross the railroad tracks near the Huron-River in order to gain access to the trail system while other users coming from the south/east continue across the tracks to follow the B2B towards Dexter.

The railroad is part of Michigan's High Speed train service from Detroit to Chicago, operated by Amtrak and owned by the State of Michigan. High Speed train service carries with it more stringent safety requirements along the railroad given the high speeds that trains travel.

This project aims to provide a safe and legal pedestrian connection of the train system by constructing a pedestrian and bicycle underpass below the railroad tracks and extending the paved B2B associated trail from the Bandemer parking lot to the parking area located along the Huron River Drive just south of the Huron River.

**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.**

Phase 1 is contracted and will be under construction in the spring of 2024. Phase 2 design is projected to be completed early spring of 2024 with construction in fall of 2024. Construction could continue into 2025.

Silt fence is to be used around the project to provide sedimentation controls. The proposed stream will be reinforced with turf to reduce sedimentation.

**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.**

Options considered to minimize or eliminate Part 302 impacts included:

- 1) Raising the railroad tracks. This is not feasible due to the long grade requirements and nearby river crossings. Not Recommended.
- 2) Raise the pathway above the existing railroad tracks (overpass). This was not feasible due to the large elevation gain needed (nearly 30-feet) within a very limited area on the Bandemer Park side. The ADA compliant ramps would need to be nearly 1000-ft in length and the area required for the ramps will not fit the site. Not Recommended.
- 3) Re-align the pathway to avoid impacting the stream where it is regulated. This would require a 90-degree bend in the path alignment near the underpass entrance which is not safe as users cannot see each other approaching. In addition, this area is low-lying and wet (delineated as wetland). Not Recommended.
- 4) Extend enclosure of watercourse from Huron River Drive outfall to beyond the proposed trail with a steeper drop allowing for the trail to cross over top. This would result in an extension of enclosure which is not preferred environmentally. Not Recommended.
- 5) Provide a pathway that is safe, meets ADA standards, and minimizes wetland impacts and construction in low-lying wet areas. The pathway is proposed as indicated on the current plans with relocation of the stream as shown. Recommended

**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 existing stream is low functioning with ill-defined banks and low vegetation. It currently sprawls and dissipates into wetland. The proposed relocated stream will increase the function of the stream by increasing the length, providing defined banks, and increasing the vegetation in the stream. It will be seeded with native species suitable for the environment. Furthermore, the banks and slope will be stabilized with turf reinforcement mats.

Our original budget for this does not have any grant funding tied to it and resources are limited. We originally budgeted \$4M and the lowest bids are around \$5M so there is not any room for additional wetland mitigation. This project is a betterment to the environment and allows for the public to view and interact the many natural areas safely. Additionally, the project serves as a green transportation alternative. We did, however, seek to improve the project in many ways as noted below:

- a. We revised the design of the pathway to be limited to disturbing the area that was previously developed land (1940s aerials indicate this area was farmed/cleared). Subsequent growth is mostly an invasive Black Alder canopy which, for which, we removed much of these trees as part of Phase I of the project.
- b. We added live staking for the relocated stream which is an environmental benefit.
- c. We utilized all native seed, native shrubs, and native trees for landscaping and slope restoration.
- d. We limited disturbance of the wetlands for the overall project (both Phases) to be below 1/3 of an acre.



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

**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.

Stream, River or Drain Construction Relocation and Enclosure Activities

Bridges

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

Wetland

Stream or River

Proposed Stream Mitigation

### **CORRECTION REQUEST (APPROVED)**

#### **Floodplain Impacts**

It looks like the majority of this project is occurring outside of the regulated 100-year floodplain of the Huron River. However, there is a small section of the ramp after the tunnel that appears to be within the floodplain (see attached image). If this section is going into the ground, will there be a way to remove flood waters if they do enter the tunnel? Will there be drains installed or will you have a pump in case flood waters were to find their way into the tunnel?

Created on 4/30/2024 11:42 AM by **Joshua Gleason**

#### **1 COMMENT**

**Alexandra Burt (aburt@bergmannpc.com) (5/10/2024 12:02 PM)**

There is high ground above the floodplain elevation separating the Huron River from the pathway. Additionally, we do have a drainage system designed that will drain the tunnel from water that falls on to it or if there were a flood greater than the 100-yr.

## 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 - 02/29/2024 08:19 PM

**Comment**

NONE PROVIDED

**Total acres of wetland affected by this project.**

Category	Affected area (acres)
Permanent	0.27
Temporary	0
	Sum: 0.27

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

Select all wetland types that will be affected by this project:  
Forested

Type of Activities:

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):

General Fill  
Path/Sidewalk  
Berm/ditch plug

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)
Berm	138.2	7	1.2	967.4	1160.88	43	NONE PROVIDED
				Sum: 967.4	Sum: 1160.88	Sum: 43	Sum:

Source of Fill Material:  
Off-site  
Please Describe  
Fill will come from an approved site

Type of Fill.  
Other: Granular Material

Is riprap proposed?  
No

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):  
Excavation (wetlands)

If your project includes EXCAVATION/DREDGE 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):

Activity	Length (feet)	Width (feet)	Depth (feet)	Area (sq. feet)	Volume (cubic feet)	Volume (cubic yards)	Corrected value for complex impact AREAS (square feet)
Excavation	136	32	5.6	4352	24371.2	903	NONE PROVIDED
				Sum: 4352	Sum: 24371.2	Sum: 903	Sum:

## Spoils Disposal

Will the excavation/dredge spoils be disposed of on site or off site?

Off-site

Where will the excavation/dredge spoils be disposed of?

An approved upland site

Describe any measures used to retain sediment:

NONE PROVIDED

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):

None of the above

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 ☐ 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

## Wetland Mitigation

EGL E 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.

Total impact is less than 1/3 of an acre. See Project Compensation write up for details.

### CORRECTION REQUEST (APPROVED)

#### Wetland Mitigation

Mitigation will be required if the proposed wetland impacts are authorized. (Note: The purchase of credits from an approved Wetland Mitigation Bank is the preferred method of mitigating for permitted wetland impacts.)

Please call EGL E EQA Jim Bales at 517-257-4532 if you would like to discuss this further.

Created on 5/1/2024 3:36 PM by James Bales

#### 2 COMMENTS

**James Bales (balesj@michigan.gov) (5/24/2024 2:22 PM)**

Wetland mitigation is generally required by EGL E for authorized impacts over .10 acre and will likely be required if we determine that there is reasonable opportunity for you to mitigate for your proposed impacts (bank credits available in the watershed, etc.).

**Alexandra Burt (aburt@bergmannpc.com) (5/10/2024 9:37 AM)**

We had previously double counted the wetland impact of 0.05 acres from a previous permit. The impacts for this permit at 0.27 acres.

## 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 Drive Outlet

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

NAVD 88

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

782

**Date of observation (M/D/Y)**

03/01/2024

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

3

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

2

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

No

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

5

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

No

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	106
Temporary	0
	Sum: 106

Type of Activities:

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, 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, and 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):

Path/Sidewalk

Complete this table for projects involving Fill below the Ordinary High Water Mark. 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 Area (square feet)
Fill	5	10	1	50	50	2	NONE PROVIDED
				Sum: 50	Sum: 50	Sum: 2	Sum:

Type of Fill

Clay  
Sand

Source of Fill

Off-site

Is riprap proposed?

No

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):

Bridge

Projects involving Structures constructed below the Ordinary High Water Mark:

Activity	Length (feet)	Width (feet)	Depth (feet)	Area (square feet)	Volume (cubic feet)	Volume (cubic yards)	Corrected value for complex impact AREAS (square feet)
Timber Bridge	0	0	0	0	0	0	0
				Sum: 0	Sum: 0	Sum: 0	Sum: 0

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.

Stream Construction or Relocation

Projects involving All other activities below the Ordinary High Water Mark:

Activity	Length (feet)	Width (feet)	Depth (feet)	Area (square feet)	Volume (cubic feet)	Volume (cubic yards)	Corrected value for complex impact AREAS (square feet).
Stream Reconstruction	260	8	1.5	2080	3120	116	NONE PROVIDED
				Sum: 2080	Sum: 3120	Sum: 116	Sum:

Does the proposed project include mitigation?

stream mitigation

Descriptions of stream impact types and mitigation types identified in the following table.

Impact Type Definitions

Enclosure: Placing a stream inside a pipe or culvert

Relocation: Moving a stream from its current location

Dredging: Removing material (e.g., sediment, gravel, wood, etc.) from the bed or banks of a lake or stream

Armoring: Placing materials (e.g., rip rap, concrete, etc.) on the bed or banks of a lake or stream

Other: Activities that result in loss of stream functions. Examples may include: altering stream hydrology through the addition or removal of water or increasing the rate of storm water runoff to the stream channel; building of dams or creating impoundments; etc.

Mitigation Type Definitions:

Replacement: Construction of a new stream channel to replace the stream functions lost as a result of the abandonment of an existing stream channel (i.e., on-site stream relocation).

Restoration: Activities that enhance the functions of an existing lake, stream or riparian area. Examples include: reconnecting a stream to its floodplain, bank stabilization or erosion protection, adding wood, creating pool and riffle complexes, restoring habitat connectivity (i.e., fish passage), restoring natural flow and sediment transport, enhancing aquatic or riparian vegetation and stream canopy, disconnecting or treating storm water runoff, enhancing habitat for fish and wildlife, etc.

Preservation: Use of a conservation easement or similar legal agreement to protect an existing lake, stream channel, riparian buffer, or other area that is integral to supporting proper lake or stream function.

Streams Impacts

Impact Location (include identifier on site plan)	Impact Type (Enclosure, Relocation, Dredging, Armoring, or Other)	Impact Amount (linear feet)
Proposed Stream	Relocation	106
		Sum: 106

Streams Mitigation

Mitigation Location (Label)	Mitigation Type (Replacement, Restoration, Preservation, or Other)	Mitigation Amount (linear feet)
Proposed Stream	Replacement	260
		Sum: 260

Stream Mitigation Details

Also attach mitigation plan with all required information as follows (see Conceptual Mitigation Plans document and Checklist for Stream Mitigation Plans for more detailed information.) An application that does not include these materials will be considered incomplete.

Appropriate Data summarizing information regarding the resource that is proposed to be impacted and how the mitigation proposed will compensate for the functions lost as a result of the project. See the Stream Functions Pyramid document for detailed information linked below.

The location of the proposed mitigation site in relation to the site proposed for impacts and a location map for the mitigation site showing surrounding roads and other landmarks.

Include the linear feet and mitigation type of the stream improvements proposed as mitigation to replace lost functions.

A description of the baseline conditions at the proposed mitigation site.

A description, and plan view as appropriate, of the method that will be used to replace lost functions. An engineered design is not required when the application is submitted, but sufficient justification of design should be provided to show that it will be designed, constructed, and monitored in a sufficient manner to replace lost functions. If preservation is proposed, submit a description of the proposed preservation site and justification for preservation credit.

A financial assurance will be required to ensure the mitigation is implemented and monitored properly.

[Stream Functions Pyramid Document](#)

**Stream Mitigation Uploads**

Stream Mitigation Documents.pdf - 04/03/2024 05:07 PM

**Comment**

NONE PROVIDED

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.

**Stream, River or Drain Construction Relocation and Enclosure Activities**

**Stream Information**

**Is this a county drain?**

No

**Does the proposed project include an:**

New channel connection to an existing stream

**Dimensions of existing stream/drain channel**

Length (feet)	Width (top of bank to top of bank) (feet)	Depth (feet)	Channel bottom width (feet)
147	6	0.6	1

**Existing channel average water depth in a normal year (feet)**

0.6

**How will slopes and bottom be stabilized?**

Turf Reinforcement Mats

**Proposed side slopes (vertical / horizontal):**

1:2 and 1:1

**For activities on legally established county drains, provide original design and proposed dimensions and elevations.**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Bridges and Culverts (1 of 1)**

**Complete once for a single structure or add multiple sections when multiple structures are proposed.**

Use the duplicate button to copy this section to enter information about each individual structure. If there are two or more you should duplicate for each one.

**Unique Identifier:**

Timber Bridge

**Stream Information**

**Width of the stream**

Upstream (feet)	Downstream (feet)
5	5

**Cross-sectional area of primary channel (square feet):**

16

**The width of the stream where the water begins to overflow its banks. Bankfull width (feet):**

5

**Is there an existing structure?**

No

Click the link below to view bridge profile sample drawings.

[Click here for link](#)

### Help for the following Table

Number of Culvert Barrels or Bridge Spans: Enter the number of culvert barrels or bridge spans.

Structure Length: Enter the total hydraulic length of culvert or bridge parallel to stream in feet.

Structure Span: Enter the hydraulic opening span length perpendicular to stream (for culverts this would be the culvert width for one barrel)

Culvert Height: The height of the culvert without any recess or bury depth.

Depth Culvert Buried: Enter total feet the culvert bottom will be buried. Does not apply to bridges so enter "0".

Culvert Invert Elevation Upstream: The elevation of the culvert invert on the upstream end (bottom of the culvert, as it sits below the recess, not including any fill in the culvert bottom).

Culvert Invert Elevation Downstream: The elevation of the culvert invert on the downstream end (bottom of the culvert, as it sits below the recess, not including any fill in the culvert bottom).

Bottom of Bridge Beam Elevation (Upstream) (feet): For culverts enter "0".

Bottom of Bridge Beam Elevation (Downstream) (feet): For culverts enter "0".

Stream Invert Elevation at Bridge Upstream (feet): The stream bottom elevation on the upstream end of bridge.

Stream Invert Elevation at Bridge Downstream (feet): The stream bottom elevation on the upstream end of bridge.

Bridge Rise from Streambed to Bottom of Beam Upstream (feet): The height between stream bottom and bottom of beam.

Total Waterway Opening above Streambed (square feet): The total square foot area that would allow passage of water through the structure opening.

Total Waterway Opening below the 100-year Flood Elevation (square feet): This is the total square foot area that would allow passage of water that is below the 100-year flood elevation.

Elevation of Road Grade at Structure (feet): The elevation of the road grade above the structure.

Elevation of Low Point in Road (feet): Enter the elevation of the lowest point in the road nearest the structure.

Distance from Structure to Low Point in Road (feet): How far (in feet) from the mid-point of the structure to the low point in the road.

Length of Approach Fill from Structure to Existing Grade (feet): How far (in feet) from the structure does any fill used for the structure extend before it reaches the existing grade?

### Existing and Proposed Bridge and/or Culvert Information

Question	Existing	Proposed
Number of Culvert Barrels or Bridge Spans	0	1
Structure Length (parallel to stream) (feet)	0	12
Structure Span (Hydraulic Opening Perpendicular to Stream) (feet)	0	19
Culvert Height (feet) (if bridge enter 0)	0	0
Depth Culvert Recessed (feet) (if bridge enter 0)	0	0
Culvert Invert Elevation Upstream (feet) (if bridge enter 0)	0	0
Culvert Invert Elevation Downstream (feet) (if bridge enter 0)	0	0
Bottom of Bridge Beam Elevation Upstream (feet) (if culvert enter 0)	0	781.65
Bottom of Bridge Beam Elevation Downstream (feet) (if culvert enter 0)	0	781.65



Question	Existing	Proposed
Stream Invert Elevation at Bridge Upstream (feet) (if culvert enter 0)	0	779.13
Stream Invert Elevation at Bridge Downstream (feet) (if culvert enter 0)	0	778.84
Bridge Rise from Streambed to Bottom of Beam Upstream (feet)	0	2.5
Total Waterway Opening above Streambed (square feet)	0	16
Total Waterway Opening below the 100-year Flood Elevation (square feet)	0	12
Elevation of Road Grade at Structure (feet)	0	782.82
Elevation of Low Point in Road (feet)	0	774.16
Distance from Structure to Low Point in Road (feet)	0	215
Length of Approach Fill from Structure to Existing Grade (feet)	0	0

#### Structure Type:

Existing	Proposed
NONE PROVIDED	Timber

#### Structure Entrance Design Type:

Existing	Proposed
NONE PROVIDED	Other: Full span of channel.

#### Certification Upload

NONE PROVIDED

#### Comment

NONE PROVIDED

### Upload of Proposed Site Plans

Does your project include any one or more of the following: impacts to one or more acres of wetland, new construction of a breakwater or seawall with a total length more than 1,000 feet, a stream enclosure of greater than 300 feet in one or more segments, or relocation or channelization of a stream more than 1,000 feet in one or more segments? Also select "YES" for any other project that requires federal coordination.

No

If you have obtained a letter resulting from the USFWS Michigan Determination Key (DKey) tool for endangered species, please attach the letter below.

USFWS Information and Planning and Consultation (IPaC) system can be found online at <https://ipac.ecosphere.fws.gov/>.

[USFWS Michigan Determination Key \(DKey\) Tool](#)

#### Upload the Michigan DKey Output Letter

NONE PROVIDED

#### Comment

NONE PROVIDED

#### 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

Upload Site Plans and Cross Section Drawings for your Proposed Project

Wetland Impact Plan View.pdf - 04/03/2024 02:28 PM

Wetland Impact Profile.pdf - 04/03/2024 02:36 PM

PEDBRIDGE.pdf - 04/03/2024 02:52 PM

Plan\_Contours.pdf - 04/03/2024 05:20 PM

Wetland Plan View\_5.8.24.pdf - 05/10/2024 09:38 AM

**Comment**  
NONE PROVIDED

**CORRECTION REQUEST (APPROVED)**  
**Wetland Boundary - Site Plan**  

Please provide a site plan of the project area on the west side of the railroad tracks that shows the project site relative to the delineated wetland boundaries and the Huron River Ordinary High Water Mark below/downstream of the "end of stream relocation". Please also indicate the distance of the "end of stream relocation" to the wetland boundary and the Huron River OHW mark.

Please call Jim Bales at 517-257-4532 if needed for clarification of this request.  
Created on 5/1/2024 4:16 PM by **James Bales**

**1 COMMENT**  
**Alexandra Burt (aburt@bergmannpc.com) (5/10/2024 9:39 AM)**  
Included a site plan that includes the wetland boundaries and Huron River OHWM west of the railroad tracks.

Additional Required and Supplementary Documents

NONE PROVIDED

**Comment**  
NONE PROVIDED

Fees

Individual Permit Fee:
+\$500.00

Total Fee Amount:  
\$500.00

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

Revisions

Revision	Revision Date	Revision By
Revision 1	2/27/2024 3:36 PM	Alexandra Burt
Revision 2	5/10/2024 9:34 AM	Alexandra Burt
Revision 3	6/3/2024 10:29 AM	Alexandra Burt