

Waterway Individual Permit Application- General Information

PROJECT: Line 5 Wisconsin Segment Relocation Project

Format Documents : If you submitted an application in hard copy with documents that are larger than 11x17, WDNR staff may request that you submit a copy of the document in electronic format, either as an email attachment, or on digital media, such as a CD

The information included in this checklist is necessary for a complete application. A complete submittal with detailed drawings will help us make a decision about your permit application. Any applicable statutory review times do not begin until the application is received by the Department and is determined to be complete.

Please recognize that you are responsible for obtaining all necessary local (e.g. city, town, village or county) and U.S. Army Corps of Engineer permits or approvals in addition to any applicable state permits prior to commencing any work at the project site.

To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Bridges

1. Review the following links for more information: [Instructions](#)
2. Attach a copy of your deed or similar proof of ownership.
3. Attach a good photo that clearly shows the existing project area.
4. Attach a narrative description of your proposal.
5. Download and review the [example](#) site map
6. Attach a site map based on the following format: [Blank Site Map](#)
7. Complete all displayed forms and fee sheets.
8. Pay fee online
9. Sign and Submit form.

Dam - Abandonment and Removal

Dredging - Stream

1. Review the following link for more information: [Instructions](#)
2. Attach a copy of your deed or similar proof of ownership.
3. Attach a good photo that clearly shows the existing project area.
4. Attach a narrative description of your proposal.
- 5.
6. Download and review the [lake example](#) or [stream example](#) site map
7. Attach a site map based on the following format: [Blank Site Map](#). This must include:
 - Top view drawing
 - Cross section drawing indicating height of rock, distance water ward and slope.
8. Vegetation Plan (if required)
9. Complete all displayed forms and fee sheets.
10. Pay fee online
11. Sign and Submit form.

Grading

1. Review the following link for more information: [Instructions](#)
2. Attach a copy of your deed or similar proof of ownership.
3. Attach a good photo that clearly shows the existing project area.
4. Attach a narrative description of your proposal. Additional attachments should be submitted separately from the narrative for major project items including:
 - Construction sequence
 - Material Management
 - Dewatering
 - Erosion control plan per NR341.05
 - Storm water Management Plan per NR341.06
5. Download and review the [example](#) site map
6. Attach a site map based on the following format: [Blank Site Map](#).
7. Complete all displayed forms and fee sheets.
8. Pay fee online

9. Sign and Submit form.

Miscellaneous

Temporary in-stream crossing

1. Review the following links for more information: [Instructions](#)
2. Attach a copy of your deed or similar proof of ownership.
3. Attach a good photo that clearly shows the existing project area.
4. Attach a narrative description of your proposal.
5. Download and review the [example](#) site map
6. Attach a site map based on the following format: [Blank Site Map](#).
7. Complete all displayed forms and fee sheets.
8. Pay fee online
9. Sign and Submit form.

Wetland disturbance

1. Review the following links for more information: [Wetland Disturbance Instructions](#)
2. Attach a copy of your deed or similar proof of ownership.
3. Attach a good photo that clearly shows the existing project area.
4. Attach a narrative description of your proposal.
5. Wetland boundary information. (Upload in other attachments area)
6. Complete all displayed forms and fee sheets.
7. Pay fee online
8. Sign and Submit form.

Please review the following links for additional county and Corps of Engineering requirements:

Army Corps of Engineers: <https://mvp.usace.afpims.mil/Portals/57/docs/regulatory/PM%20County%20Assignments%20WI%20January%202013.pdf>

County Zoning: <http://dnr.wi.gov/topic/shorelandzoning/contacts/county.html>

Notice: Pursuant to chs. 30 and 31, Wis. Stats., ch. 281, Wis. Stats, and s. 283.33, Wis. Stats., this form is used to apply for coverage under the state construction site storm water runoff general permit, and to apply for a state or federal permit or certification for waterway and wetland projects or dam projects. This form and any required attachments constitute the permit application. Failure to complete and submit this application form may result in a fine and/or imprisonment or forfeiture under the provisions of applicable laws including s. 283.91, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Laws (ss. 19.31-19.39, Wis. Stats.). This form is required for U.S. Army Corps of Engineers (ACOE) regulatory purposes pursuant to 33 CF 325.

Read all instructions provided before completing

Section 1: Landowner Information

Organization, Entity or Name Please refer to Supplemental Information	Authorized Representative (Last Name, First Name) Hanson , Cathryn		
Mailing Address 11 East Superior Street, Suite 125	City Duluth	State MN	Zip Code 55802
Email Cathryn.Hanson@Enbridge.com	Phone Number (incl. area code) 218-522-4701	Alternative Phone Number 715-817-8732	

Section 2: Applicant/Information Select if same as landowner

Organization, Entity or Name Enbridge Energy, Limited Partnership	Contact Person (Last Name, First Name) Hanson , Cathryn		
Mailing Address 11 East Superior Street, Suite 125	City Duluth	State MN	Zip Code 55802
Email Cathryn.Hanson@Enbridge.com	Phone Number (incl. area code) 218-522-4701	Alternative Phone Number 715-817-8732	

Section 3: Primary Project Contact Select if same as landowner

Consultant or Plan Preparer Contractor Agent Other - specify: _____

Name (Organization or Entity) Environmental Resources Management (ERM)	Contact Person (Last Name, First Name) Drake , Timothy		
Mailing Address 1000 IDS Center 80 South Eighth Street	City Minneapolis	State MN	Zip Code 55402
Email tim.drake@erm.com	Phone Number (incl. area code) 612-337-3365	Alternative Phone Number 612-840-9160	

Section 4: Project or Site Location:

Project Name Line 5 Wisconsin Segment Relocation Project	County Ashland	<input checked="" type="radio"/> City <input type="radio"/> Township <input type="radio"/> Village of MELLENC
---	-------------------	--

Location Address / Description
Please see Supplemental Information

Public Land Survey System (PLSS) – Provide the section, range, township information and latitude and longitude in decimal degrees, if available.

_____ of _____ of Section _____ Township _____ Range _____ E
 _____ ¼ _____ ¼ _____ N W Latitude _____ Longitude _____

If this site is not wholly contained in the quarter-quarter section, more description:

Please see Supplemental Information

Waterways: Provide the name(s) of closest water bodies

Please see Supplemental Information

Section 5: Wetlands

If a wetland is present at a project site and permit approvals are sought through the waterway and wetland program, storm water program, or concentrated animal feeding operations (CAFO) program, the department requires that a wetland delineation that accurately shows the location of a wetland is submitted with an application. A wetland delineation needs to be verified/concurred with before the application can be submitted or be considered a complete application. See the department "[Wetland screening and delineation procedures](http://dnr.wi.gov/topic/waterways/construction/wetlands.html)" at <http://dnr.wi.gov/topic/waterways/construction/wetlands.html> for more information for more information.

Is a wetland present in the project area? Yes No

If yes, select all sources of information used and attach supporting report or documentation

- a. A copy of your wetland delineation and a [Wetland Confirmation Service](#) concurrence letter (wetland boundary verification service offered for a fee from the department)
- b. An [assured delineator's](#) wetland delineation report
- c. A copy of your wetland delineation and an Army Corps of Engineers concurrence letter
- d. A copy of your correspondence with a [WDNR Office of Energy Water Management Specialist](#) or [WDNR Transportation Liaison](#) regarding your wetland review/ concurrence.

If no, please select one of the following items showing that a wetland is not present within the project boundaries:

- a. A copy of your wetland determination and a letter from the department's [Wetland Identification Program](#) stating wetlands are not present or the activity proposed in the wetland is exempt under NR 103.06(4)
- b. A letter from an assured delineator stating wetlands are not present
- c. Documentation showing that each of these resources were reviewed for wetland absence on the [Surface Water Data Viewer](#):
 - i. Surface Water Data Viewer- Wisconsin Wetland Inventory
 - ii. Surface Water Data Viewer- Wisconsin Indicator layer
 - iii. Surface Water Data Viewer- Digital Topographic map layer or aerial photo indicating if waterways, drainage ways, ditches, depressions, or standing water are within project boundary
- d. Show that the project limits are entirely in existing paved, graveled, or concrete areas
- e. A copy of your correspondence with a [WDNR Office of Energy Water Management Specialist](#) or [WDR Transportation Liaison](#) regarding your wetland review/concurrence

(Please note that if the information provided is incorrect or incomplete, the overall permit application may be considered incomplete and may be returned to the applicant.)

Section 6: Endangered or Threatened Resources

Has the presence of endangered or threatened resources been evaluated according to protocols developed by the DNR Bureau of National Heritage Conservation (BNHC) <http://dnr.wi.gov/topic/ERReview> Yes No

If Yes, select how the evaluation was completed and attach supporting report or documentation:

- a. Endangered Resources Preliminary Assessment from the Public Portal
- b. Certified ER Review Letter - specify: ERR- (example ERR-15-123)
- c. Broad Incidental Take Permit /Authorization -specify (e.g. No / Low Impact Activities, Grassland & Savanna Management, etc.): _____
- d. Other: _____

Section 7: Project Information (Attach additional sheets as necessary)

Anticipated Project Start Date: <input type="text" value="1/1/2021"/>	Projected Project End Date: <input type="text" value="9/30/2021"/>
Photos: Provide photographs of the "before" condition.	Date of Photographs: <input type="text" value="10/18/2019"/>

Narrative of the Project:
Provide a one to two paragraph description of the proposed project, including land and water alterations and intended use(s) of the project. Include this in the attachment section.

Section 8: Certification and Permissions

Certification: I hereby certify that I am the owner or authorized representative of the owner of the property which is the subject of this Permit Application. I certify that the information contained in this form and attachments is true and accurate. I certify that the project will be in compliance with all permit conditions. I understand that failure to comply with any or all of the provisions of the permit may result in permit revocation and a fine and/or imprisonment or forfeiture under the provisions of applicable laws.

Permission: I hereby give the Department permission to enter and inspect the property at reasonable times, to evaluate this notice and application, and to determine compliance with any resulting permit coverage.

Signed Electronically

Signature of Landowner / Authorized Representative – For **Stormwater applications**,
signature of landowner is required. Authorized representative is not sufficient.

Date Signed

The Practicable Alternatives Analysis (PAA) is an important process the applicant is responsible for completing to thoroughly evaluate and verify the proposed project can not avoid wetland impacts and that the project alternative selected minimizes wetland impacts to the maximum extent practicable while meeting the overall project purpose. It is very important for the applicant to provide as much information and detail as possible on the range of alternatives considered along with supporting documentation as this information is used by Department permit review staff to verify project meets the requirements established in law, Section 281.36, Wis. Statutes, and applicable General Permits eligibility standards.

WI Department of Natural Resources (DNR) permit review staff will conduct an evaluation to determine the environmental impacts of the project, including impacts to wetland water quality standards outlined in NR 103, Wis. Administrative Code. If the project results in significant adverse impacts to wetlands or natural resources, the project does not meet the requirements established in law and a permit can not be granted.

Note: The PAA information provided will also be used by the U.S. Army Corps of Engineers (ACOE) during the federal review process. Should your project impact other aquatic resources regulated by the ACOE, such as lakes, rivers, and streams, you may use this PAA supplement to describe practicable alternatives to impacting those resources.

DIRECTIONS: All questions below must be answered in detail and supported with documentation. This includes information required in a General Permit PAA Supplement, if one is available for the proposed project activity as noted in Section 2 and Section 3 below. Attach your PAA to your wetland permit application along with the other informational items required for a complete application package.

The term “practicable” means reasonably available and capable of being implemented after taking into consideration cost, site availability, available technology, logistics and proximity to the proposed project site, in light of overall purpose and scope of project.

TIP : If federal, other state or local requirements limit your ability to avoid and minimize wetland impacts, it can be helpful to request a meeting with all parties to determine possible options available to avoid and/or minimize wetland impacts that may be acceptable to the parties.

ASSISTANCE: If you have questions about this PAA outline please contact the [DNR Water Management Specialist](#) and/or the [U.S. Army Corps of Engineers Project Manager](#) for the county where your project is located for assistance. You may also request a pre-application meeting with DNR and ACOE permit reviewers to help you further understand the PAA process, the minimum project alternatives required and any project specific alternatives that should be considered for your project. Note, agency staff can help provide you with guidance, but the applicant is responsible for preparing and submitting a complete PAA and other application materials.

SECTION 1 – PROJECT BACKGROUND

1. Describe the overall purpose and need for the project.
Please see Section 2.0 of the attached Supplemental Information
2. Is your project an expansion of existing work or is it new construction?
New Construction
3. When did you start to develop a plan for this project (month/year)?
July 2019
4. Are you the current owner or easement holder of the property? If so, how long have you owned the property? If you are not the property owner, please provide the current owner’s name and contact information.
Enbridge is acquiring easements from the property owners. Affected landowners and adjacent landowner information is provided in Attachment K of the Supplemental Information.
5. Explain what the consequences are of not building the project. Include social and economic consequences, as well as other pertinent information.
Please see Section 2.0 of the attached Supplemental Information.
6. Explain why the project must be located in or across wetlands.
The project includes construction of approximately 41 miles of new, 30-inch outside diameter pipeline. Enbridge has attempted to avoid and/or minimize wetland and waterway impacts to the extent practicable. Please see Section 5 of the attached Supplemental Information for a further description of wetland and waterway impacts.

SECTION 2 – DEVELOPING PROJECT ALTERNATIVES

Your analysis must address the following questions. Certain project types have specific standard “avoid and minimize” alternatives that you are required to consider. The activity-based General Permit PAA

Supplements for:

- Private Roads/Driveways;
- Commercial/Residential/Industrial Structures;
- Utilities;
- Solid Waste Disposal Facilities.

are available at:

http://dnr.wi.gov/topic/waterways/construction/wetland_ip/practical_alternatives_analysis2012.pdf

You are also required to consider avoid and minimize project alternatives that may be unique to your project and/or site. For each alternative analyzed, please show the location of the alternatives on an aerial photograph and clearly label each alternative.

1. How could you redesign or reduce your project to avoid wetlands and still meet your overall project purpose?
Please see Section 4 of the attached Supplemental Information and Section 3 of the Environmental Impact Report (provided separately) for a description of Enbridge's alternatives analysis.
2. How could you redesign or reduce your project to minimize unavoidable wetland impacts and still meet your overall project purpose?
Please see Section 3 of the Environmental Impact Report (provided separately) for a description of Enbridge's alternatives analysis. Additionally, please see Enbridge's Environmental Protection Plan for a description of minimization techniques Enbridge will implement to minimize impacts to wetlands and waterways.
3. What other sites were considered for this project? These properties include properties you currently own or recently have owned and other properties that are available for sale in the area? Provide the geographic area(s) you searched for an alternative site and the specific location of other properties considered. For each of these properties considered, indicate why they were not selected whether or not they meet the overall project purpose and need. Available properties that meet the purpose and need should be considered further, particularly if they result in lower wetland impact compared to the selected alternative.” If no other sites were considered, please explain why.
Please see Section 4 of the attached Supplemental Information and Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

SECTION 3 – EVALUATING PROJECT ALTERNATIVES

For each alternative considered, including the preferred alternative, the following information should be used to evaluate whether the alternative meets or does not meet the basic project purpose. In addition, quantitative and reliable supporting information should also be provided and includes information such as data, reports, studies, economic or cost comparison analysis and other pertinent information. If there is PAA Supplement available for your project type as noted in Section 2, Step 3 of the PAA Supplement outlines common supporting documentation applicants use to evaluate feasibility of an alternative and supply with their PAA submittal. Providing summary tables of the alternatives considered can provide a useful comparison of the alternatives and ease the review process. Each project alternative should be clearly labeled on an aerial photograph showing proposed location.

1. Will the alternative affect wetlands? If so please provide the area and type of wetland impacted as well as a description of the proposed impact (e.g. temporary or permanent, wetland type conversion or fill).
Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge and the associated potential resource impacts.
2. Provide resizing or reconfiguration options for each alternative to reduce or eliminate wetland impacts.
Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge and the associated potential resource impacts.
3. What are the primary costs for developing the alternative?
 - Primary costs may be converted to a cost/acre, cost/ton, cost/linear-foot or other appropriate figure for comparison purposes. However, please describe whether there is any aspect of an alternative that greatly inflates or reduces the primary costs for that alternative. Sunk costs should not be included in the analysis and include costs associated with the purchase of the property, consultant fees and other preexisting outlays not directly related to the selection of alternatives.

Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

4. What are the logistical reasons that make an alternative not practicable? Logistical constraints include, but are not limited to:

- Inability to meet other regulatory standards
- Construction Limitations
- Access or transportation concerns
- Site availability
- Existing infrastructure

Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

5. What are the technical constraints to an alternative?

- Technical constraints include, but are not limited to, inadequate depth to bedrock, inappropriate site geology, inadequate distance to groundwater, proximity to a contaminated area, unfavorable soils, or engineering concerns.

Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

6. Are there impacts to other important resources?

- Archeological or historical sites
- Habitat for endangered or threatened species
- Environmental Corridors or Natural Areas
- Waterway

Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

7. Are there other factors you would like us to consider during our alternative analysis evaluation?

Please see Section 3 of the Environmental Impact Report (provided separately) for a description of alternatives analyzed by Enbridge.

SECTION 4 - PREFERRED PROJECT ALTERNATIVE

1. Indicate how your preferred project alternative meets your project purpose and how it avoids and/or minimizes wetland impacts to the maximum extent practicable.

Please see the Environmental Impact Report (provided separately) for a description of Enbridge's preferred project alternative and Enbridge's proposed resource impact minimization techniques.

2. Indicate how you plan to minimize harm to the impacted wetlands and adjacent wetlands that will not be directly impacted by the project. Examples include, but are not limited to erosion control, proper marking of the limits of proposed wetland impact, visible flagging for protection of wetlands that will not be impacted by project, adequate storm water management, best management practices, etc.

Please see the Environmental Impact Report (provided separately) for a description of Enbridge's proposed resource impact minimization techniques. Additionally, please see Enbridge's Environmental Protection Plan for a description of techniques Enbridge will implement to minimize impacts to wetlands and waterways. Enbridge's Environmental Protection Plan is included as Attachment D of the Environmental Impact Report.

State of Wisconsin

Department of Natural Resources

dnr.wi.gov

Mitigation Summary Worksheet for Wetland Individual Permit

(Rev. 4/2018)

Page 1

Notice: Pursuant to § 281.36, Wis. Stats., this Mitigation Summary Worksheet (MSS) must be completed in its entirety and submitted to the Department of Natural Resources (DNR) prior to the required pre-application meeting set up by the DNR. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin Open Records law [§§ 19.31 – 19.39, Wis. Stats.]

This Mitigation Summary Worksheet is required for Wisconsin Department of Natural Resources Wetland Individual Permit (IP) applications as wetland compensatory mitigation is required for all issued IP projects. The applicant, or authorized representative, shall complete all fields below and submit this MSS along with their required pre-application materials in advance of the mandatory pre-application meeting. A final version of the MSS shall then be re-submitted along with the final IP application following completion of the pre-application meeting reflecting any resulting alterations to the proposed project representing the final wetland compensatory mitigation details.

Mitigation can be fulfilled through the following options, in order of preference: purchasing credits from an approved mitigation bank, purchasing credits from the Department's WI Wetland Conservation Trust (in-Lieu Fee) program or completing a permittee-responsible mitigation project. The department will determine the appropriate mitigation option and calculate credit requirements based on the options available at the time of the review.

Preliminary mitigation summary sheet

Final mitigation summary sheet

CONTACT INFORMATION	APPLICANT	AUTHORIZED REPRESENTATIVE
Name (Last, First, Middle Initial)	Cathryn Hanson	Timothy Drake
Title	Supervisor, Environment Projects	Technical Director
Organization / Entity	Enbridge Energy, Limited Partnership	Environmental Resources Management (ERM)
Mailing Address	11 East Superior Street, Suite 125	1000 IDS Center 80 South Eighth Street
City, State, Zip Code	Duluth MN 55802	Minneapolis MN 55402
Email Address	Cathryn.Hanson@Enbridge.com	tim.drake@erm.com
Phone Number (incl. Area Code)	218-522-4701	612-337-3365

PROJECT INFORMATION

Project Name	Line 5 Wisconsin Segment Relocation Project
Mitigation Service Area	Lake Superior and Chippewa
Latitude--- Longitude Coordinates	
Municipality Location (City, Village, Town)	C MELLENN
Township --- Range --- Section	
County Location	Ashland
Project Description (including description of wetland impact)	Please see attached Supplemental Information and Environmental Information Report (provided separately)

PROPOSED UNAVOIDABLE WETLAND IMPACTS BY COVER TYPE AND DELINEATED ACREAGE

Acreage (to nearest 0.01)	Wetland Cover Type
To be provided upon completion of field delineations.	Shallow, Open Water
To be provided upon completion of field delineations.	Deep and Shallow Marshes
To be provided upon completion of field delineations.	Sedge Meadows
To be provided upon completion of field delineations.	Fresh (Wet) Meadow
To be provided upon completion of field delineations.	Wet to Wet - Mesic Prairie

To be provided upon completion of field delineations.	Calcareous Fens
To be provided upon completion of field delineations.	Bogs (Open or Coniferous)
To be provided upon completion of field delineations.	Shrub – Carr or Alder Thicket
To be provided upon completion of field delineations.	Hardwood or Coniferous Swamps
To be provided upon completion of field delineations.	Floodplain Forests
to be provided upon completion of field delineations.	Seasonally Flooded Basins

CDRF

Payment Confirmation

Fee Type	Number of Activities	Subtotal
Waterway Permit	<input type="text" value="55"/>	\$33,165.00
Wetland Permit	<input type="text" value="285"/>	\$228,000.00
Boathouse Certification	<input type="text" value="0"/>	\$0.00
New Dam Construction	<input type="text" value="0"/>	\$0.00
Expedited Decision (# of counties)	<input type="text" value="0"/>	\$0.00
WDNR publishes all required class 1 public notices <input type="checkbox"/>		<input type="text" value="\$0.00"/>

After-the-fact application for permits or approvals submitted after work has been commenced or completed. Fee is twice the usual fee.

Total Paid

US Bank Transaction Number WS0WT2020020701

WDNR Invoice Number WP-00021518

Questions about fees ? [Click Here](#)

Your total payment should be the SUM of ALL application fees and supplemental fees for EACH permitted activity for which you are applying.

For example, if you are applying for individual permits and a) your project involves a wetland fill that requires a wetland Individual permit; and b) involves the installation of a culvert in a waterway along with some dredging in a waterway; then your fee would be calculated as follows:

Wetland IP = (1 activity or \$800)

Waterway IP (Culvert) = \$600

Waterway IP (Dredging) = \$600 (2 activities or \$1200)

A supplemental Fee is assessed for Waterway Permits (\$3 for each waterway activity) = \$6

Total Application Fees for project = \$2006 (ALL of these permit fees added together)

Electronic Signature

Terms and Conditions

Certification: I hereby certify that I am the owner or authorized representative of the owner of the property which is the subject of this Permit Application. I certify that the information contained in this form and attachments is true and accurate. I understand that failure to comply with any or all of the provisions of the permit may result in permit revocation and a fine and/or imprisonment or forfeiture under the provisions of applicable laws.

Permission: I hereby give the Department permission to enter and inspect the property at reasonable times, to evaluate this notice and application, and to determine compliance with any resulting permit coverage.

NOTE: For security purposes the email will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Authorized Signature

I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|tcdrake68 on 2020-02-11T12:18:50

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application. Either party may cancel the signature process and make further updates.