

Chapter 30: Shoreline Erosion Control Activities

- Lakes
 - Biological
 - Rip Rap
 - New
 - Repair
 - Replacement
 - Seawall
 - Replacement
 - Replacement with Riprap

- Streams/Rivers
 - Bio-Stabilization
 - Integrated Bank Protection
 - Riprap Repair (placed prior to August 1, 2007)
 - Replacement of Structure with Bio-Stabilization
 - Replacement of Structure with Integrated Bank Treatment

Waterway protection

Lake shore erosion

Natural shoreline features provide erosion control in various ways. Every shoreline is exposed to different natural events and human activities that can cause erosion.

Licenses & Regulations

A small amount of soil erosion may not be a cause for any concern, but intervention may be needed on some shorelines. A permit may be required.



Lake Erosion Control

Determine permit required

Decision Modules help guide you to the appropriate permit type.

Question 1:

Are you a municipality or similar public entity (e.g. state or federal government, inland lake protection and rehabilitation district or similar special purpose unit of government, public utility, etc.) wanting to put in a permanent breakwater structure?





Print text version

Waterways

Discover

how Wisconsin protects waterways by holding them in trust for everyone to enjoy.

Search or Keywords

Find

the permits you need for your waterfront property projects.

Learn

about the permit process that protects public waters.

About us

- Waterway contacts
- Why we regulate

Permits from A to Z

- Exemptions
- The Permit Process

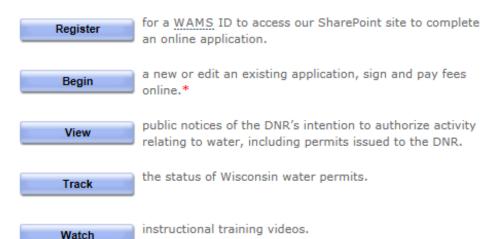
Project groups

- Construction
- Crossings
- Habitat
- Recreation

Water permit applications

Web link: www.dnr.wi.gov/permits/water

For some of our permits, submit applications and other forms to the DNR online. Get a WAMS ID, complete an application, sign and pay fees in a few steps. Track permits and know exactly where they are in the permitting process. Follow us as we add more permits to our online system.





Bark Bay Slough - by Joanne Kline (Bayfield)

* = WAMS ID and password needed to log in.

Water permit activities are listed by category and include electronic and paper submittal options.

- Agricultural livestock operations
- Aquatic plant management
- Dams
- Storm water
- Wastewater
- Water supply
- Waterway and wetland

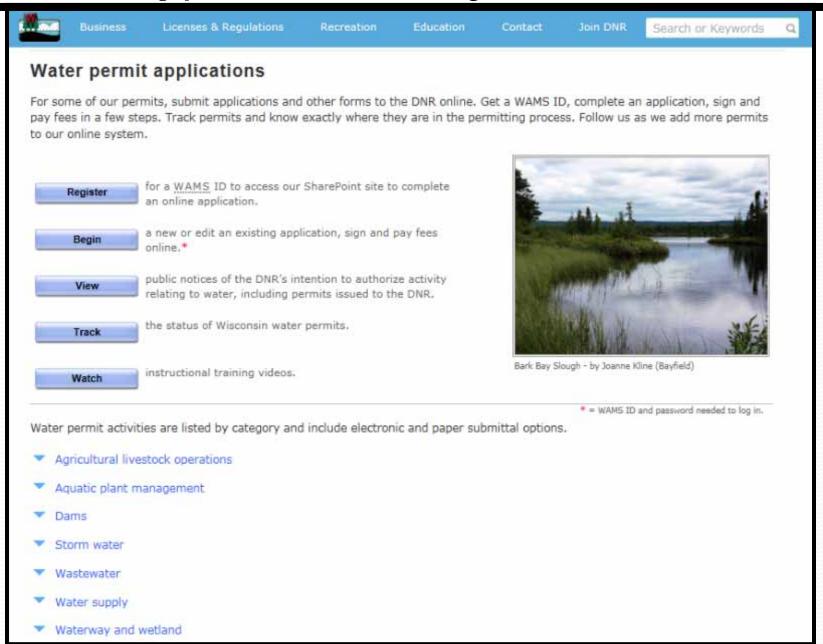
Waterway and wetland

General information about the applica	ation type	Application		
Boat ramp		Begin GP or IP applicat	on*	
Boathouse repair certification		Begin IP application*		
Boat shelter		Begin IP application*		
<u>Bridge</u>		Begin IP application*		
Bridge - Clear span over streams		Begin GP application*		
Bridge - Municipal highway bridges, arches, culverts		Begin IP application*		
Bridge - Utility structure		Begin GP or IP applicat	on*	
Culvert	1	Begin IP application*	I	inks to the
Culvert - without professionally engineered design		Begin GP application*	e	Permitting System
Culvert - with professionally engineered design		Begin GP application*		
Culvert - Municipal highway bridges, arches, culverts		Begin IP application*		
Dams - New construction		Begin IP application*		
Dredging - Invasive or non-native species management		Begin GP application*	(
<u>Dredging - Installation of utility crossing(s)</u>		Begin GP application*		
Dredging - Jetting aquatic plants		Begin GP application*		
Dredging - Maintenance within a drainage district		Begin GP application*		
Dredging - Maintenance of previously dredged area		Begin GP application*		
Dredging - Manual		Begin GP application*		
Dredging - Removal of plant or animal nuisance deposits		Begin GP application*		
Dredging - Streams (less than 25 yards)		Begin GP application*		
Dradaina - Straams	J	Regin TD applications		

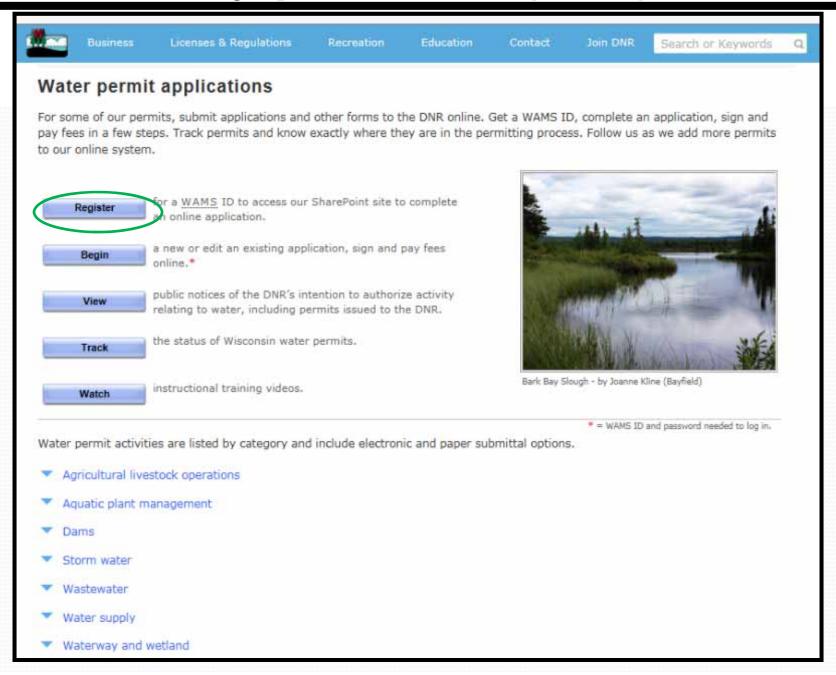
ePermitting Process

Steps to Submit a Permit Application using the ePermitting System

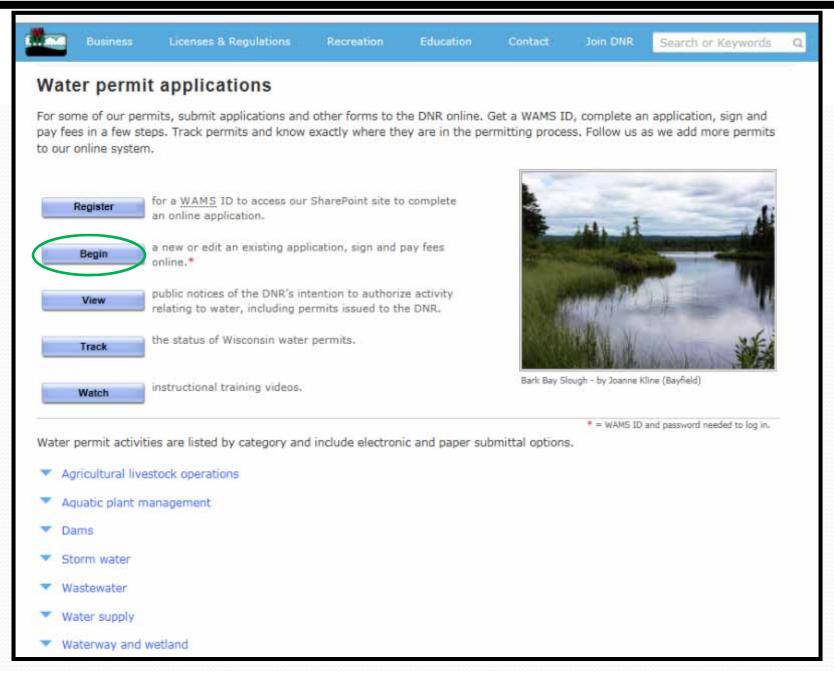
1. Go to www.dnr.wi.gov/Permits/water or to the DNR homepage and type in "WATER PERMIT". This brings you to the **Water Portal Page**.



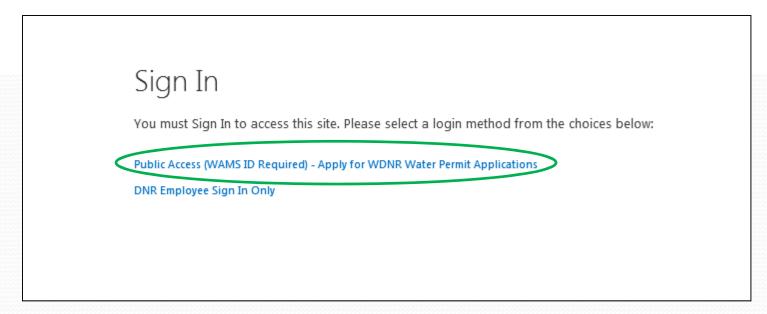
2. Choose **REGISTER** to sign up for a WAMS ID, unless you already have one.

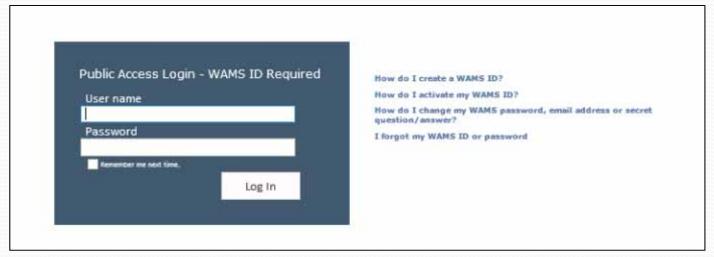


3. Choose **BEGIN** to login to the ePermitting System and start an application.

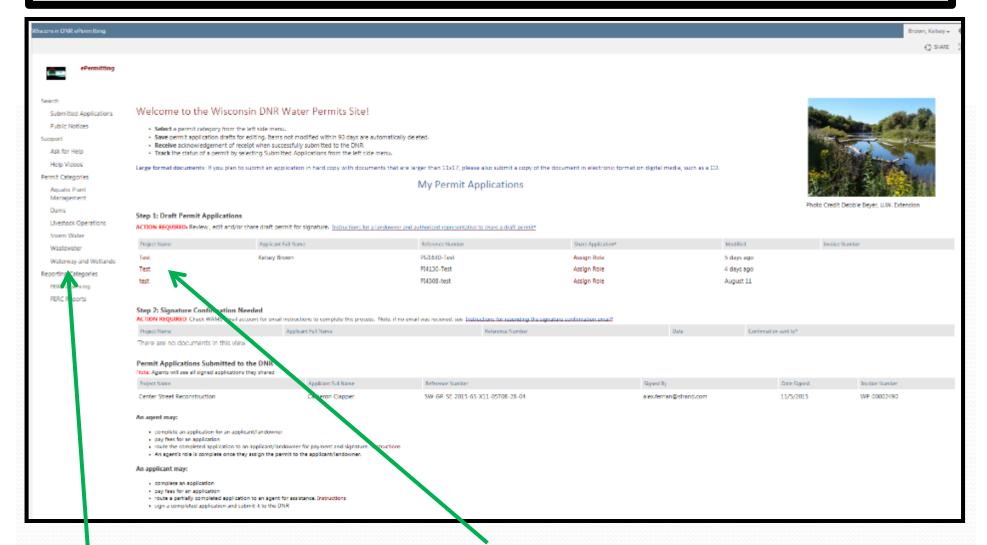


4. Choose Public Access... and login using your WAMS ID information





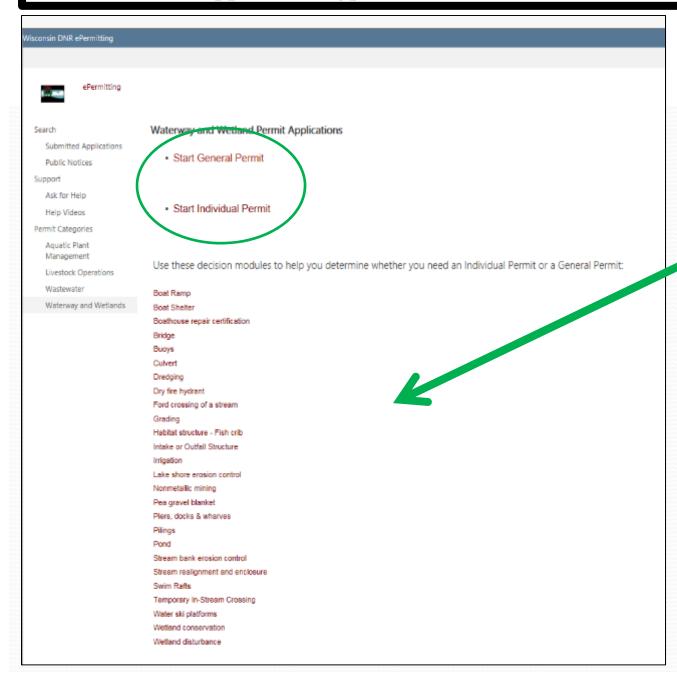
5. Arrive at My Permit Applications Page



To start a new permit application: Click Waterway and Wetlands

<u>To start editing an existing application</u>: Click on the project name under Items Awaiting Completion or Completed Items Awaiting Signature Confirmation

6. Select Permit Application Type to Start

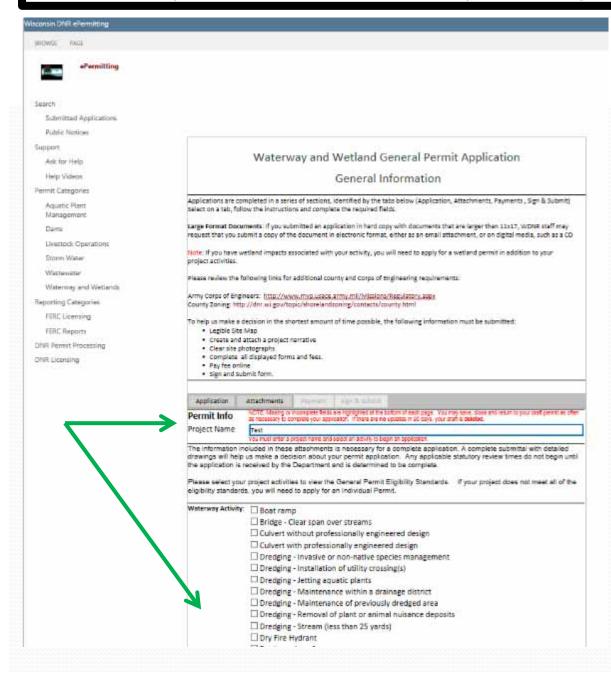


You can also navigate to the Project Activity Webpages and the Decision modules by clicking these links

If at anytime you have issues or questions about the ePermitting process, Choose **Ask for Help*** along the left and fill out submission form.

Someone will respond to your submission as soon as possible via email or phone.

7. Enter A Project Name and select the Project Activity or Activities



You can apply for multiple GP activities on one application or multiple IP activities, but GP and IP activities cannot be combined on one application.

When you select the different activities, a link will appear below.

This is a link to the checklist for the activity, not to where you fill out an application.

The checklist will describe the different items that you will need to submit for the activity and the list of criteria that you will need to satisfy in order to qualify for that activity.

8. Click **APPLICATION** or **ATTACHMENTS** Buttons to start working on the application



You can navigate between the **Application** and **Attachments** pages as much as you need to in order to complete your application.

Required fields are indicated with a red asterisk

Missing items will be indicated towards the bottom of the **Application** page

Click the **Press to Refresh Missing Fields** button located towards the bottom of the page to refresh the page and check for any other missing items

On the **Attachments** page, the list of required attachments will be displayed for all of the project activities that you have selected on the first page of the application

When there are no missing items on either the **Application** or **Attachments** pages you will be able to navigate to the **Payment** page.

Sample Application Page Number 1





Attachments

Do not close your work until you SAVE.

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State of Wisconsin Department of Natural Resources dar.wi.gov	Water Resources Applica		ject Permits
Notice: Pursuant to chs. 30 and 31, Wis. Stats., ch. 281, V		is used to apply	for coverage
under the state construction site storm water runoff genera	al permit, and to apply for a state or federal pe	rmit or certificati	on for waterway
and wetland projects or dam projects. This form and any r	required attachments constitute the permit app	lication, Failure	to complete and
submit this application form may result in a fine and/or in			
283.91, Wis. Stats. Personal information collected will be	그들은 사람들은 경기를 가지 않는 것이 되었다. 그렇게 가장하고 있는 사람들이 되는 사람들이 되었다. 그런 사람들이 되었다.		
extent required by Wisconsin's Public Records Laws (ss.		d 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			
Landowner Name (Organization, Entity or Name)	Authorized Representative (Last Na		
K.Brown Entomologial Consulting	Brown	lsey	
Mailing Address	City	State	Zip Code
225 S. Jefferson Street	New Ulm	MN ~	53566
Email	Phone Number (xxx-xxx-xxxx)	Alternative Ph	one Number
k.brown@yahhoo.com	507-225-5565		
Section 2: Applicant/Information ✓ Select if	same as landowner		
Organization / Applicant Name	Contact Person (Last Name, First	Name)	
K.Brown Entomologial Consulting	Brown	elsey	
Mailing Address	City	State	Zip Code
225 S. Jefferson Street	New Ulm	MN ~	53566
Email	Phone Number (xxx-xxx-xxxx)	Alternative Pr	none Number
k.brown@yahhoo.com	507-225-5565	The state of the s	
Section 3: Primary Project Contact Select if	same as landowner		
Consultant or Plan Preparer C Contractor C Agent C Ci	her - specify:		
Name (Organization or Entity)	Contact Person (Last Name, First	t Name)	
ABC Constuction	Smith	John	
Mailing Address	City	State	Zip Code
507 38th Street	River Falls	WI ~	54022
Email	Phone Number (xxx-xxx-xxxx)	Alternative P	hone Number
J.smith@ABCc.com	715-555-5966		
Section 4: Project or Site Location:		and a	

Sample Application Page Number 2 – Wetlands Section

Section 5: Wetlands

If a wetland is present at a project site and permit approvals are sought through the waterway and wetland program or storm water 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

Sample Application Page Number 2 – Threatened or Endangered Resources Section

Section 6: Endangered or Threatened Resources Has the presence of endangered or threatened resources been even of National Heritage Conservation (BNHC) http://dnr.wi.gov/fuff Yes, select how the evaluation was completed and attach su	topic/ERReview Yes No
 a. Endangered Resources Preliminary Assessment from t b. Certified ER Review Letter - specify: ERR- c. Broad Incidental Take Permit / Authorization - specify Management, etc.): d. Other: 	
Section 7: Project Information (Attach additional sheets as Anticipated Project Start Date:	Projected Project End Date:
Photos: Provide photographs of the "before" condition.	Date of Photographs:
Narrative of the Project: Provide a one to two paragraph description of the propose intended use(s) of the project. Include this in the attachm	

Sample Application Page Number 3

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

Press to Refresh Missing Items

Validation Summary:

Section 1 & 2:

Section 1: City is a required field, Section 1: Email is a required field, Section 1: Phone Number xxx-xxxx is a requi red field , Section 1: Address is a required field , Section 2: Organization or Name is a required field , Section 2: Addres s is a required field. Section 2: City is a required field. Section 2: State is a required field. Section 2: Email is a require



Section 4, 5 & 6

Section 4: Project Address is a required field , Section 4: Project Municipality is a required field , Section 4: Project County is a required field , Section 5: Closest waterbody name is a required field ,

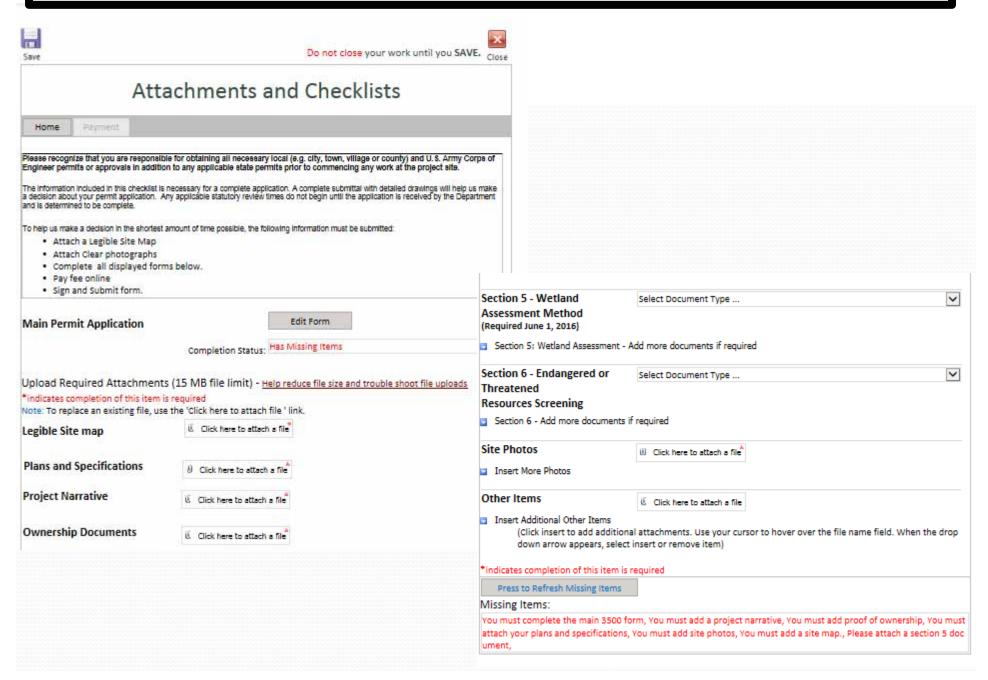
Other errors:

Organization or Name is a required field , Address is a required field , Email is a required field , Phone Number xxx-xx 🔥 x-xxxx is a required field , Start Date must be after today., Last Name is a required field , First Name is a required field 🚬 Have the presence of endagered resources been evaluated?

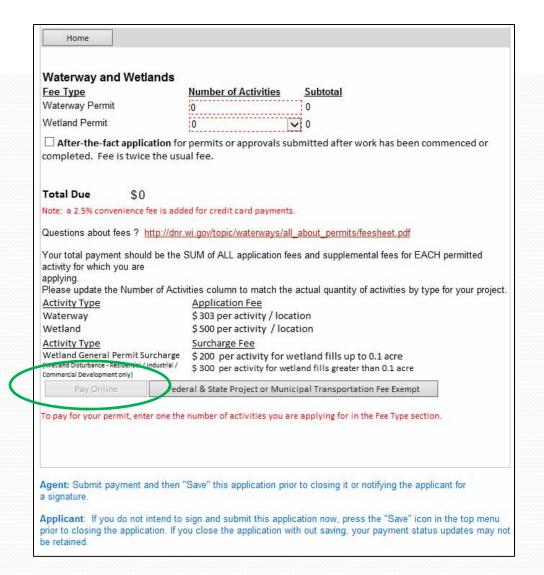


Attachments Save Home

Sample Attachments Page



9. Once APPLICATION and ATTACHMENTS pages are complete, Select PAYMENT.



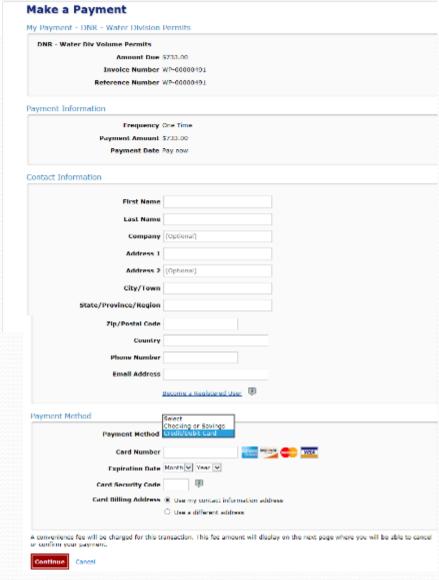
If applying for multiple activities, updated the number of activities on the **PAYMENT** screen. This will update the total amount due automatically.

Select **Pay Online** Button.

There is a slightly different process for projects that are fee exempt.

10. Choose COMPLETE PAYMENT AT US BANK Button





Payment is done through US Bank and will accept Credit Cards, Debit Cards, or eChecks

11. Receive emailed transaction summary with Confirmation Code

Copy the Confirmation Code (circled in red)

EXAMPLE

From: "DNRFINANCEEPYMT@wisconsin.gov" < noreply@epymtservice.com>

To: b.suffern@att.net

Sent: Thu, June 28, 2012 3:11:26 PM

Subject: Payment Confirmation for DNR - Water Div Volume Permits

*** PLEASE DO NOT RESPOND TO THIS EMAIL ***

Thank you for your payment.

This email is to confirm your payment submitted on Jun-28-2012 for DNR - Water Div Volume Permits.

Confirmation Number: WS2WT1000261511

Payment Amount: \$24.50

Scheduled Payment Date: Jun-28-2012

Amount Due: \$24.50

Payer Name: Brian Suffern

Credit Card Number: XXXXXXXXXXXXXXXX4392

Credit Card Type: VISA Approval Code: 02849B

Merchant: DNR Finance

Website: http://dnr.wi.gov/epay/

If you have questions about this payment or need assistance, please view the payment online at http://dnr.wi.gov/epay, or call Customer Service at (608)266-

7497 ×

Thank you for using the Wisconsin DNR - Water Div electronic payment system.

12. Navigate back to PAYMENT page and enter the Confirmation Code

Misconsin	
WISCONSIII	Department of Natural Resources Invoice Number: wp-12334
	Total Due: 800
Important:	
	sing this page without saving will cause the loss of your payment history.
	.5% convenience fee is added for credit card payments.
• FOII	ow all three steps below and sign and submit your permit.
STEP 1	Completed Payment
STEP 2	Enter Confirmation Number WS2WT0123456789
	pleting payment in STEP 1, you will receive an email confirmation from DNPFINANCEEPYMNT with a DNR
	Volume Permits subject line. Enter 15 digit transaction number into the box above.
CTED 2	Sign & Submit
STEP 3	
STEP 3	
STEP 3	
	nk to collect and transfer funds from the permit applicant to the DNR, does not release the applicant of financial responsibility and the DNR reserv

13. Click SIGN & SUBMIT Button

Payment Confirmation (You must save or sign this form prior to closing it or you will lose payment history) Wisconsin Department of Natural Resources Invoice Number: wp-12334 Total Due: 800 Important: · Closing this page without saving will cause the loss of your payment history. · A 2.5% convenience fee is added for credit card payments. · Follow all three steps below and sign and submit your permit. Completed Payment STEP 1 STEP 2 **Enter Confirmation Number** WS2WT0123456789 Upon completing payment in STEP 1, you will receive an email confirmation from DNRFINANCEEPYMNT with a DNR-Water Div Volume Permits subject line. Enter 15 digit transaction number into the box above. STEP 3 Sign & Submit Failure of US Bank to collect and transfer funds from the permit applicant to the DNR, does not release the applicant of financial responsibility and the DNR reserves the right to collect unpaid fees. All payments are collected by US Bank which is an external website contracted by the Wisconsin Department of Natural Resources for the sole purpose of collecting payments over the web.

14. Read over **Terms and Conditions**

Sign and Submit Permit

Home

Clear Signatures

Steps to Complete the signature process

- 1. Read and Accept the Terms and Conditions
- 2. Press the Submit to the DNR button

You will receive an acknowledgement email upon completing these steps.

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 all email correspondence 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 <u>HERE</u>.

Authorized Signature

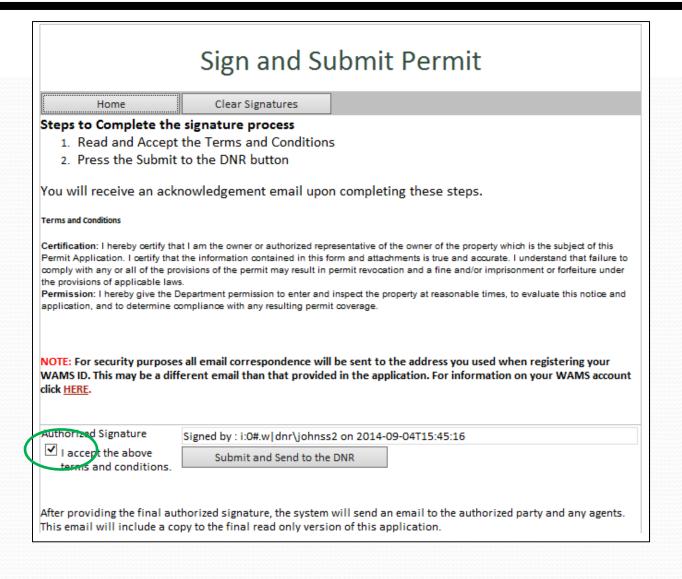
Signed by: i:0#.w|dnr\johnss2 on 2014-09-04T15:45:16

✓ I accept the above terms and conditions.

Submit and Send to the DNR

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.

15. Click the **Checkbox** to accept the Terms and Conditions to sign the application using an eSignature.



16. Click **SUBMIT AND SEND TO THE DNR** Button to submit the application to DNR

Sign and Submit Permit Clear Signatures Home Steps to Complete the signature process 1. Read and Accept the Terms and Conditions 2 Press the Submit to the DNR button. You will receive an acknowledgement email upon completing these steps. 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 all email correspondence 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 Signed by : i:0#.w|dnr\johnss2 on 2014-09-04T15:45:16 ✓ I accept the above Submit and Send to the DNR terms and condition 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.

17. Receive confirmation email saying that the application has successfully been submitted to the DNR.

From: ePermitting [mailto: dnrepermit@wisconsin.gov]

Sent: Wednesday, August 17, 2016 11:42 AM

To: None@wi.gov; DNR ePermit

CC: None@wi.gov

Subject: A permit application has been signed and submitted to the WI Dept. of Natural Resources

You have successfully signed and submitted your application for processing. Now that your application has been submitted to the DNR, it cannot be altered or resent.

After 3-5 working days you may track the status of your permit at: <u>Search Applications</u>. An application does not appear in the online tracking area until it is routed to a Department of Natural Resource's Water Management Specialist.

You may see a list of all permits you have submitted to the Department of Natural Resources at the <u>ePermitting Welcome Page</u>. The application number for this item is: SW-GP-SE-2016-41-X08-17T11-53-20

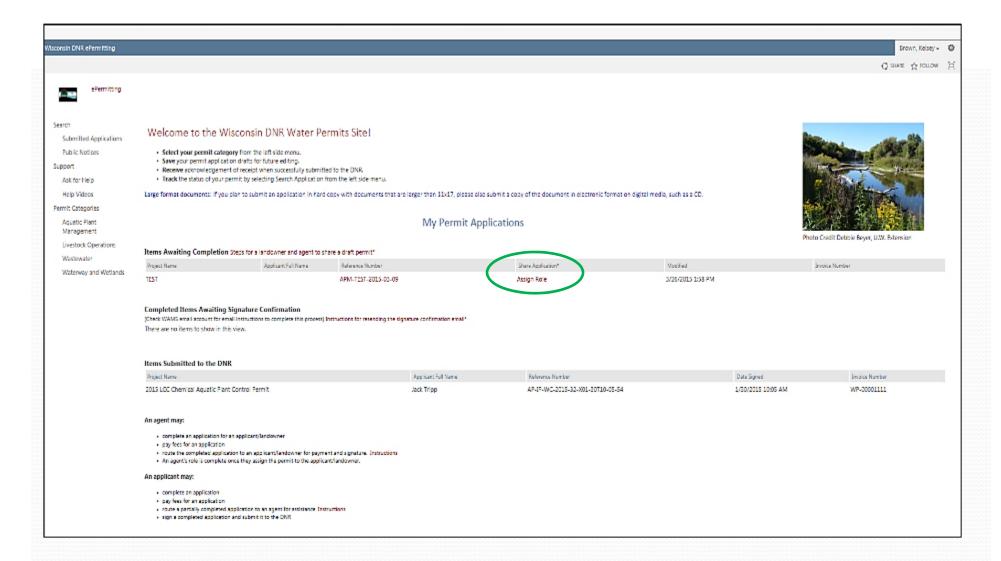
Other Permits

- Your project may require permits besides from DNR, be sure to check the following:
 - US Army Corps of Engineers
 - DNR sends copy of submitted application materials
 - County Zoning
 - Municipality (City, Village or Town) Zoning

Hints, Tips and Tricks

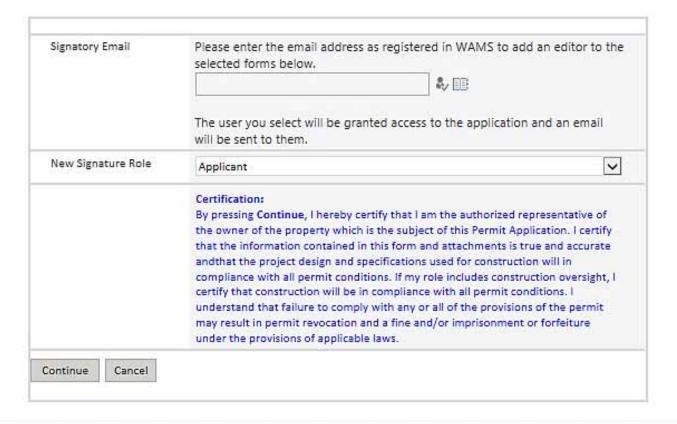
- Using the Assign Role feature
 - Both parties need to have a signed up for a WAMS ID
 - Provide the email associated with the WAMS ID to the person who started the application
 - On My Permit Applications Page, Select the Assign Role Link

Assign Role Feature



Also refer to link next to **Items Awaiting Completion** titled: "Steps for a landowner and agent to share a draft permit" for tips.

Assign Role Popup Box



Hints, Tips and Tricks



ePermitting

Search

Submitted Applications

Public Notices

Support

Ask for Help

Help Videos

Permit Categories

Aquatic Plant Management

Livestock Operations

Wastewater

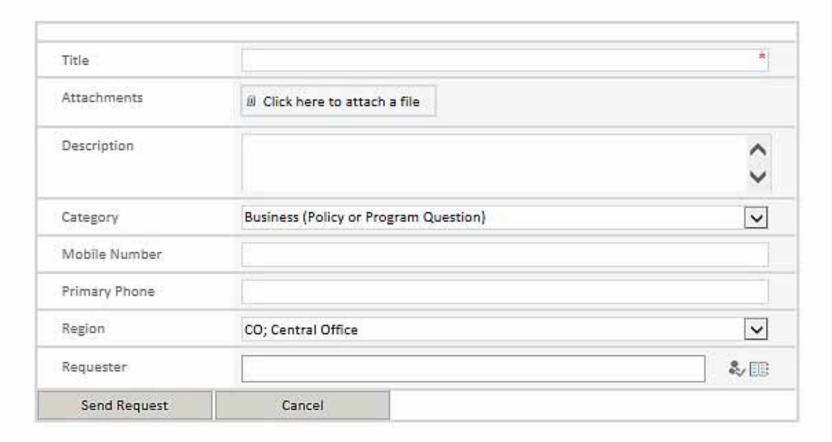
Waterway and Wetlands

If at anytime you have issues or questions about the ePermitting process, Choose **Ask for Help*** along the left and fill out submission form.

You can also fill this out on behalf of someone else. Just include their contact information.

Someone will respond to your submission as soon as possible via email or phone.

Example of Ask For Help Form



Water Portal Page

- VIEW public notices
- TRACK the status of Wisconsin water permits
 - Once they have left intake (approximately 5 business days after submission)
- WATCH instructional Training Videos

