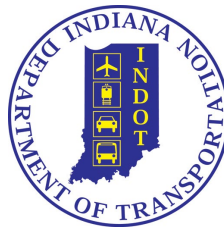


Preparing INDOT Section 401 and State Regulated Resource Permit Applications within **IDEM's Regulatory ePortal - nViro**

INDOT EWPSO

September 2026



Application Preparation and Submittal Steps

1. Set up account within IDEM's Regulatory ePortal – nViro.
2. Complete Preliminary Permit Determination and receive from INDOT Staff access to “Site” information within nViro.
 - Email from nViro system must be received
3. Prepare draft application within nViro for the site through the “Review” step. DO NOT send application for signature or sign application yourself.
4. Email the ecologist assigned to the district letting them know the draft application is ready for their review within nViro.
5. Work with ecologist to make any necessary edits.
6. Ecologist will facilitate signature and submittal.
7. Work with Ecologist and IDEM staff to address any questions or necessary edits during IDEM review.

Navigating the nViro Dashboard

Click to view notifications

Click to view your sites and narrow down which site you are working on

Click to start an application form

Click to view approved permits

Click to view documents associated with a site or application

The screenshot shows the nViro Dashboard interface. At the top, the header includes the IDEM logo, 'Regulatory ePortal', and navigation links: Home, About, Contact, Sign Out, and a user profile for Macayla Coleman. A yellow warning banner states: 'Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.'

The left sidebar contains a dropdown menu labeled '(All)' and a list of navigation items: Home, Dashboard, Start a New Form, Submissions, Permits, Evaluations, and Documents. Red callout boxes point to these items with instructions: '(All)' for viewing and narrowing sites; 'Start a New Form' for starting an application; 'Permits' for viewing approved permits; and 'Documents' for viewing documents associated with a site or application.

The main content area displays a status filter bar with counts: Priority (2), Upcoming (2), As Needed (0), Draft (2), To Be Signed (0), and In Process (1). Below this, two 'HIGH PRIORITY' draft applications are listed:

- Application HQH-GY10-SNBH7**: Application for Authorization to Discharge Dredged or Fill Material to State Regulated Wetlands or Waters of the U.S. (DES 2200689 SR 66 Bridge Replacement). Draft created on 12/01/2025 by Macayla Coleman.
- Application HQK-SRRA-CSYQ2**: Application for Authorization to Discharge Dredged or Fill Material to State Regulated Wetlands or Waters of the U.S. (DES 2301048 SR 60 Small Structure Replacement). Draft created on 02/06/2026 by Marion Wells.

Each draft application has 'Continue' and 'Delete Draft' buttons. On the right, the 'UPCOMING' section lists two scheduled permit submissions:

- Schedule on Permit SRGP01361 v1.0**: Mitigation Bank/ILF Credit Submission (DES 2200511 SR 162 Small Structure Improvements). Schedule due 04/01/2027.
- Schedule on Permit SRGP01361 v1.0**: Construction Complete Report Submission (DES 2200511 SR 162 Small Structure Improvements). Schedule due 11/30/2027.

Each upcoming submission has a 'Begin' button. A small chat icon is visible in the bottom right corner.

Navigating the nViro Dashboard Continued

Click to view or manage your site list

Click to manage (show/hide) sites for which you have been assigned a role

Click a specific site name to narrow down your forms and dashboard

The screenshot displays the nViro Dashboard interface. At the top, the header includes the IDEM logo, 'Regulatory ePortal', and navigation links: Home, About, Contact, Sign Out, and a user profile for Macayla Coleman. A yellow warning banner states: 'Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.'

Below the header, a filter bar shows '(All)' with a dropdown arrow. To the right, status filters are listed: Priority (2), Upcoming (2), As Needed (0), Draft (2), To Be Signed (0), and In Process (1).

A 'Filter items' search bar is present. Below it, a 'Manage' button with a gear icon is highlighted. A dropdown menu is open, listing various sites, with 'DES 2301037 SR 37 Pipe Liner' highlighted. The list includes:

- DES 2200511 SR 162 Small Structure Improvements
- DES 2200518 I-64 Small Structure Replacement Part 2
- DES 2200518 I-64 Small Structure Replacements Part 1
- DES 2200518 I-64 Small Structure Replacements Part 3
- DES 2200518 I-64 Small Structure Replacements Part 4
- DES 2200518 I-64 Small Structure Replacements Part 6
- DES 2200689 SR 66 Bridge Replacement
- DES 2301037 SR 37 Pipe Liner
- DES 2301038 SR 37 Small Structure Replacement
- DES 2301048 SR 60 Small Structure Replacement
- DES 2301148 US 231 Slide Correction

The main content area shows details for two applications: 'I-SNBH7 · Application for Authorization to Discharge Dredged or Fill Material to State Regulated the U.S.' and 'I-CSYQ2 · Application for Authorization to Discharge Dredged or Fill Material to State Regulated the U.S.'. Each application has 'Continue' and 'Delete Draft' buttons.

On the right, the 'UPCOMING' section lists two scheduled events:

- Schedule on Permit SRGP01361 v1.0 · Mitigation Bank/ILF Credit Submission**
DES 2200511 SR 162 Small Structure Improvements
UPCOMING The schedule is due 04/01/2027.
Begin
- Schedule on Permit SRGP01361 v1.0 · Construction Complete Report Submission**
DES 2200511 SR 162 Small Structure Improvements
UPCOMING The schedule is due 11/30/2027.
Begin

Navigating the nViro Dashboard Continued

The screenshot shows the nViro Dashboard interface. At the top, there is a header with the IDEM logo, 'Regulatory ePortal', and navigation links: Home, About, Contact, Sign Out, and a user profile for Macayla Coleman. A yellow warning banner states: 'Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.'

Below the header is a filter bar with tabs: (All) ▾, Priority 2, Upcoming 2, As Needed 0, Draft 2, To Be Signed 0, and In Process 1. A callout box points to the 'In Process' tab with the text: 'Click to view forms under review by IDEM'.

The main content area is divided into two columns. The left column is titled 'HIGH PRIORITY' and contains two application cards. The first card is for 'Application HQH-GY10-SNBH7' and the second is for 'Application HQK-SRRA-4SYQ2'. Both cards have a 'DRAFT' status and a 'Continue' button. A callout box points to the 'Priority' tab with the text: 'Click to view forms in priority status'. Another callout box points to the 'Draft' tab with the text: 'Click to view forms in draft status'.

The right column is titled 'UPCOMING' and contains two application cards. The first card is for 'Schedule on Permit SRGP01361 v1.0 - Mitigation Bank/ILF Credit Submission' and the second is for 'Schedule on Permit SRGP01361 v1.0 - Construction Complete Report Submission'. Both cards have an 'UPCOMING' status and a 'Begin' button. A callout box points to the 'To Be Signed' tab with the text: 'Click to view forms that have been sent for signature by INDOT'.

A callout box points to the 'Upcoming' tab with the text: 'Click to view forms with upcoming actions or deadlines'.

How to Start an Application

From the “Start a New Form” section of your dashboard, select the “I want to start a new application” button

IDEM Regulatory ePortal

Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.

(All) ▾

- Home
- Dashboard
- Start a New Form**
- Submissions
- Permits
- Evaluations
- Documents

Start New Form

What kind of form are you looking for?

- I want to start a **new application***
Forms used to apply for a New Permit, License, or Entrance into a Program >
- I want to renew, modify or terminate an **existing permit, license or registration***
Forms used to reissue, modify, transfer or terminate a permit >
- I have a **reporting obligation** to fulfill*
Reporting forms relating to current permits and active compliance actions >
- I want to make a **service request***
Forms used to make a service request >
- I'm not sure*
Search all available forms >

How to Start an Application Continued

IDEM Regulatory ePortal

Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.

(All) ▾

- Home
- Dashboard
- Start a New Form**
- Submissions
- Permits
- Evaluations
- Documents

< BACK

Apply for a New Permit, License, or Entrance into a Program

Filter

Showing 4 of 4

Application for Authorization to Discharge Dredged or Fill Material to State Regulated Wetlands or Waters of the U.S.

Form Description: Application for Authorization to Discharge Dredged or Fill Material to State Regulated Wetlands(SRGP and SRIP) or Waters of the U.S.(401 WQC IP, NWP, RGP, & PGP)

Program Area: Water - Wetlands

Begin

Construction Stormwater - Notice of Intent - New Application (External)

Form Description: Submission of this Notice of Intent application constitutes notice that the project site owner is applying for coverage under the NPDES General Permit Rule for Stormwater Discharges Associated with Construction Activities.

Program Area: Water - Construction Stormwater

Begin

Waters of the State Determination Request

Form Description: Form 57155 State Regulated Wetland Class Determination Worksheet. Waters of the State Determination Request

Program Area: Water - Wetlands

Begin

Select the appropriate Application type for your project, hit the “Begin” button

How to Start an Application Continued

Please do not create test sites or test permit applications as this is a live production environment where real sites and permits are expected and maintained.

(All) ▾

- Home
- Dashboard
- Start a New Form
- Submissions
- Permits
- Evaluations
- Documents

< BACK

Apply for a New Permit, License, or Entrance into a Program

Select a context for your submission from the following options. Or, select **Create New Site** to begin a submission for an entirely new site.

Select Site

– Create New Site – ▾

New Site Name

Continue Cancel

Material to

al to State Regulated **Begin**

n (External)

that the project site

Begin

owner is applying for coverage under the NPDES General Permit Rule for Stormwater Discharges Associated with Construction Activities.

Program Area: Water - Construction Stormwater

Waters of the State Determination Request

Form Description: Form 57155 State Regulated Wetland Class Determination Worksheet. Waters of the State Determination Request.

Program Area: Water - Wetlands

Begin

Use the drop-down arrow to select the site that INDOT created for the project and assigned you to. **Please DO NOT Create a New Site.**

nViro Application Guidance Outline

Select the name of a section below to navigate directly to guidance about that section of the application

[Pre Application Questions](#)

[Applicant Information](#)

[INDOT Ecologist Information](#)

[Project Information](#)

[Project Overview](#)

[Worksheet](#)

[Avoidance, Minimization, and Mitigation Information](#)

[Permittee Responsible, Mitigation Bank, and ILF Information](#)

[Project Documents](#)

[Additional Information that MAY be required](#)

[Permitting Requirements](#)

[Review](#)

Pre-Application Questions

- List the intended authorization(s) based on input from INDOT staff
- If seeking state regulated permits, we must have completed an AJD/Waters of the State Determination
- Always answer “yes” for pre-application coordination
- Add “Today’s Date” for *Coordination Date*
- Under *Type of Coordination* select “INDOT lead project”

Pre Application Questions

CLEAR SECTION

Intended IDEM Authorization:

General 401 Water Quality Certification

State Regulated General Permit

Individual 401 Water Quality Certification

State Regulated Individual Permit

Have you received a Waters of the State Determination from IDEM?

☒ Yes

☐ No

Has any pre-application coordination occurred with an IDEM Wetland Project Manager?

☒ Yes

☐ No

Name of Project Manager:

Graham Wrin

Coordination Date:

01/06/2026

Today

Type of Coordination:

INDOT lead project

Applicant Information – Applicant Contact

- Provide the contact information for the appropriate INDOT team lead in this section (refer to the [INDOT EWPSO staff map](#) for guidance)
- Address must be: 100 N Senate Ave N758-ES Indianapolis, IN 46204
- Select “INDOT owned and operated” for Applicant Organization

↑

PREVIOUS SECTION
Pre Application Questions

Applicant Information

CLEAR SECTION

Applicant Contact Information

Prefix

First Name

Last Name

Title

Team Lead

Organization Name

Phone Type

Phone Number

Email

ADDRESS

Address Line 1

Address Line 2

City

State/Area

Postal Code

Country

VALIDATE ADDRESS

Applicant Organization:

INDOT Owned and Operated

Applicant Information – Agent Contact

- Provide your contact information under the *Agent Contact* section
- Note – If INDOT staff are preparing this application, leave this section blank

Agent Contact Information (If Applicable)

Contact Auto-fill ▼

Prefix ▼ First Name John Last Name Smith

Title

Organization Name Consulting LLC

Phone Type Mobile ▼ Phone Number 555-555-5555

Email Johnsmith@consulting.com

ADDRESS

Address Line 1 1234 Main St

Address Line 2

City Indianapolis State/Area IN Postal Code 46204

Country United States

VALIDATE ADDRESS

INDOT Ecologist Information

- Provide the contact information for the appropriate INDOT EWPSO Ecologist (refer to the [INDOT EWPSO staff map](#) for guidance)
- Address must be: 100 N Senate Ave N758-ES Indianapolis, IN 46204

INDOT Ecologist Information

Ecologist information

If you have contact information for an Ecologist working on this project, please enter it below. If there is not an ecologist working on this project, please leave blank.

INDOT Ecologist Contact Information

Contact Auto-fill

* Macayla Coleman Ecologist INDOT macoleman@indot.in.gov 317-391-7564 100 N Senate Ave Indianapolis IN 46221 United States

Prefix	First Name	Last Name
	Macayla	Coleman
Title		
Ecologist		
Organization Name		
INDOT		
Phone Type	Phone Number	Ext.
Business	317-391-7564	
Email		
macoleman@indot.in.gov		

Project Information

- *Name of Project* should autofill and match the “Site” name – do not change this
- Provide the INDOT assigned Designation number under *Designation Number (INDOT)*
- Provide the county for the project – if there are multiple, provide the county for the approximate center of the project
- Select “No Available Address”
- Under the *Site Address* section, provide the city and postal code for the approximate center of the project – street name and number not required

[↑](#) PREVIOUS SECTION
Applicant Information

Project Information

[CLEAR SECTION](#)

Name of Project:

Designation Number (INDOT):

County:

☒ No Available Address

Site Address:

City

State/Area

Postal Code

[VALIDATE ADDRESS](#)

Project Information

Continued – State Regulated Individual Permit

- Provide the *Contact of County, City, or Town Council Executive* for the municipality where the project is located (only required for State Regulated Individual Permits)
 - This is the contact IDEM will use to fulfill requirements in [Ind. Code §13-15-3-1](#).
 - This person must meet the definition of Executive in [Ind. Code §13-11-2-74](#).
 - E.g, the Board President of Knox County Council

Project Information

Name of Project:

DES 2200511 SR 162 Small Structure Improvements

County:

Knox

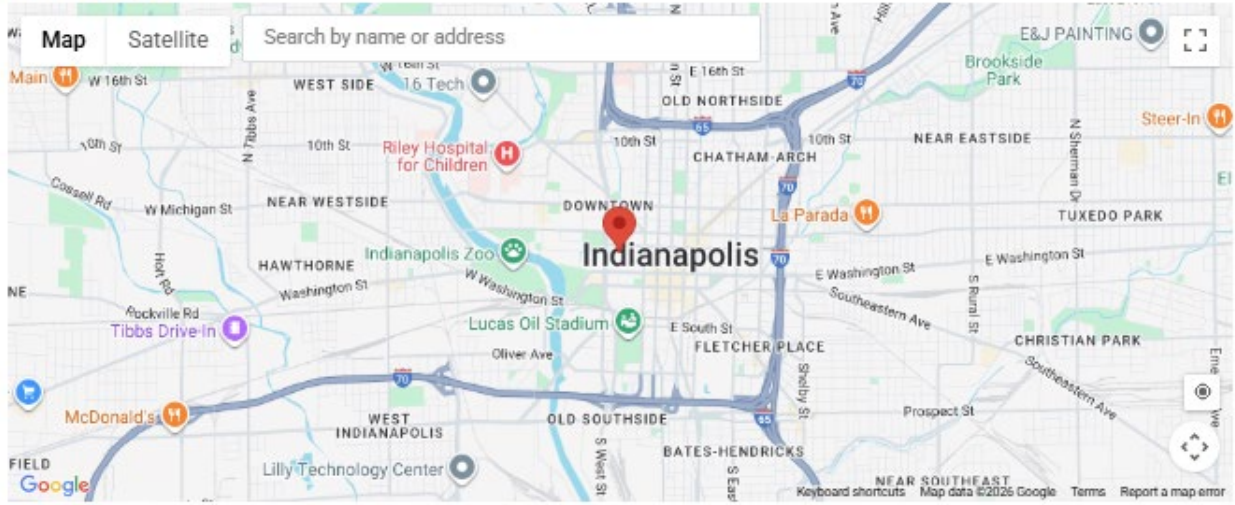
Contact of County, City, or Town Council Executive

First Name	Last Name
Mike	Morris
Title	
President	
Phone Type	Phone Number
Email	
MMorris@knoxcounty.in.gov	

Project Information Continued

- Provide the latitude and longitude in decimal degrees for the approximate center of the project – it is not necessary to search on the provided map
- *Parcel Number* should be left blank

Site Latitude/Longitude:

A Google Map of Indianapolis, Indiana, showing the downtown area. A red pin is placed in the center of the city, near the intersection of W Washington St and E Washington St. The map includes labels for various streets, parks, and landmarks such as the Indianapolis Zoo, Lucas Oil Stadium, and Riley Hospital for Children. The map is displayed in a standard Google Maps interface with a search bar at the top and navigation controls on the right.

Map Satellite Search by name or address

LOCATION COORDINATES

Latitude	Longitude
39.769169	-86.16503519999999

Parcel Number:

Project Overview

- Select “No” for *Has construction been started?* (NOTE: in rare cases where an after-the-fact permit is needed this may be answered “Yes”)
- Provide the anticipated start and end dates for the project
- Provide a statement for the *Purpose of the project and an overview of activities* (note: Character limit is 2,000)
 - This should mirror what was previously provided on the PDF applications under “Activity Description” and “Purpose of Project”
 - Refer to the [401/404 permit application checklist](#) INDOT prepared for more guidance on what to include
 - If necessary, due to character limit restrictions – refer to attachments for more information

[↑](#) PREVIOUS SECTION
Project Information

Project Overview [CLEAR SECTION](#)

Has any construction been started?

☐ Yes

☒ No

Anticipated start date

Anticipated end date

Purpose of project and overview of activities:

Des. No. 1234567 includes the improvement of 17 existing small structures along SR 162. The proposed project is anticipated to replace, line, install riprap, or a combination of these methods for each of the seventeen structures to restore or maintain structure conditions. Existing and proposed structure dimensions as well as riprap dimensions below the ordinary high-water mark (OHWM) of jurisdictional features are provided in impact call-outs on the plans. Riprap will be installed at each of the proposed structures for scour protection.

A total of approximately 712 Linear Feet (LF) (0.09 acre) of permanent impacts will occur below the OHWM of unnamed tributary (UNT) 3 and 4 to Crooked Creek, UNT 1 to Hunley Creek, UNT 1 to Halo Run, and UNT 1 to Black Run due to structure placement, lining, or riprap installation. A net gain of approximately 4 feet of UNT 1 to Black Run will occur due to slight relocation. Encapsulation of UNT 1 to Hunley Creek will decrease by approximately 10 feet due to removal of a portion of the existing structure. A total of approximately 40 LF (0.006 acre) of temporary impacts will occur below the OHWM due to cofferdams and dewatering.

A total of approximately 0.053 acre (176 Cubic Yards (CYD)) of permanent impacts to Wetlands 5, 6, 9, 10, and 11, which are considered Waters of the U.S., will occur due to riprap placement. A total of approximately 0.012 acre (42 CYD) of permanent impacts to State Isolated Class II Wetlands 1, 2, 3, 4, and 7 will occur due to riprap placement. A total of approximately 0.065 acre (218 CYD) of temporary wetland impacts will occur due to construction access.

Cumulative impacts to streams and wetlands total approximately 712 LF and 0.155 acre.

Restoration of all disturbed soil will be completed using an INDOT approved seed mix.

See attached Additional Activity Description and attachments for more information.

Worksheet – Summary of Onsite Water Resources and Project Impacts

- If helpful, you can have additional instructions appear by selecting “Display Stream Impact Instructions”
- Select the appropriate resource types that will be impacted including state regulated wetlands, if appropriate
- Select stream impact types
 - Encapsulation/Stream Crossing for structure replacements and lining
 - Bank Stabilization for all riprap impacts
 - Stream Relocation for any stream relocation impacts
 - Other Stream Impacts for any temporary impacts

 PREVIOUS SECTION
Project Overview

Worksheet – Summary of Onsite Water Resources and Project Impacts

[CLEAR SECTION](#)

Please click the checkbox if you would like to display additional instructions

☐ Display Stream Impact Instructions

Please select aquatic resource types that will be impacted by the project

☒ Wetlands Regulated under CWA Section 404/401 ☒ Streams

☐ Lake and/or Open Water

Please select aquatic resource types that will be impacted by the project

☒ Wetlands regulated under IC 13-18-22

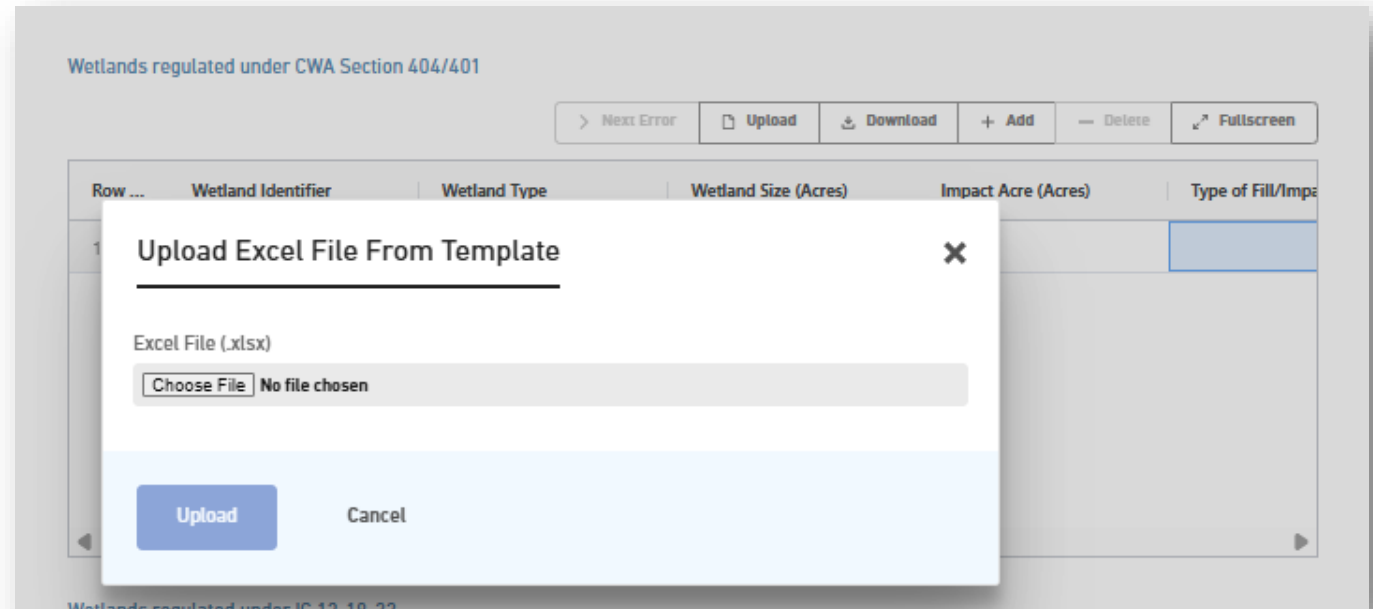
Please select project impacts specific to streams

☒ Encapsulation/Stream Crossing ☒ Stream Relocation

☒ Bank Stabilization ☒ Other Stream Impact

Worksheet Continued – Wetlands regulated under CWA Section 404/401

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a wetland and specific impact – multiple rows for each impact type within each wetland
 - DO NOT provide one row for all impacts together
- Address the columns as described on the next slide



Worksheet Continued – Wetlands regulated under CWA

Section 404/401 Table Columns

Column Name	What to include for each row
Wetland Identifier	Provide the wetland name as identified in the Waters Report (WR) for the project
Wetland Type	Provide the wetland type as identified in the WR – can be Emergent, Scrub-Shrub, Forested, or Cropped
Wetland Size (Acres)	Provide the size in acres for the wetland within the investigated area as identified in the WR
Impact Area (Acres)	Provide the size of the impact in acres for the specific impact being described in the row – e.g., .001 acres for riprap scour protection
Type of Fill/Impact	Provide the impact type being described in the row – can be Clean Earthen Fill, Manufactured Fill, Other, Riprap, or Vegetation Alterations (see next slide for more information about impact types)
Fill Volume (Cubic Yards)	Provide the amount of fill in cubic yards
Permanent Impact	Indicate Yes for permanent impacts, or No for Temporary impacts
Latitude of Impact	Provide the latitude for the approximate center of the impact being described in the row
Longitude of Impact	Provide the longitude for the approximate center of the impact being described in the row

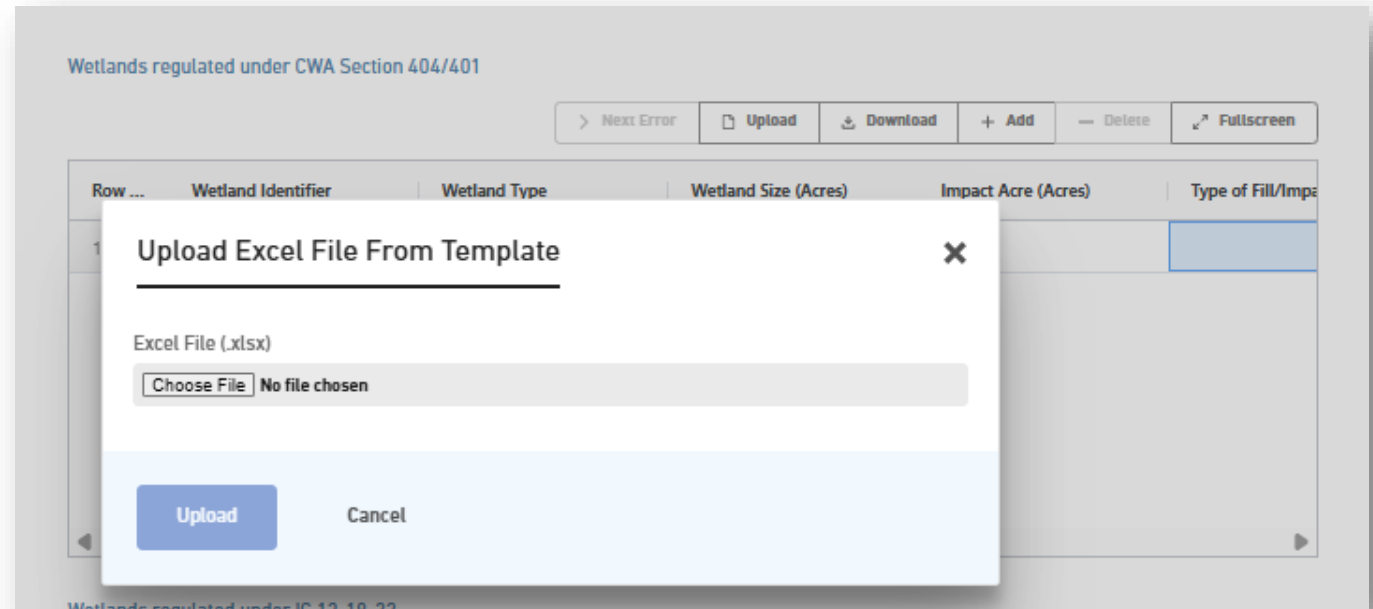
Worksheet continued – Impact Types for Wetlands

- The following impact options are available in the application worksheet with examples of when they should be used for INDOT projects

Type of Impact/Fill	Example(s)
Clean Earthen Fill	Grading
Manufactured Fill	Structure replacement, wingwall installation, etc.
Other	All temporary impacts such as, construction access, cofferdams, dewatering, etc. Or for no impact. Specify in the text box which type.
Riprap	All riprap placement within a wetland
Vegetation Alterations	Tree clearing, Bridge Shadow, etc.

Worksheet Continued – Wetlands regulated under CWA Section IC 13-18-22

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a wetland and specific impact (if applicable) – multiple rows for each impact type within each wetland
 - DO NOT provide one row for all impacts together
 - List all isolated wetlands, even if there are no impacts or if exemptions are being used
- Address the columns as described on the next slide



Worksheet Continued – Wetlands regulated under IC 13-18-22

Table Columns (part 1)

Column Name	What to include for each row
Wetland Identifier	Provide the wetland name as identified in the WR for the project
Wetland Class	Provide the wetland class as defined in IC 13-11-2-25-8 (refer to IDEM's Waters of the State Determination) – can be Class I, Class II, or Class III
Wetland Type	Provide the wetland type as identified in the WR – can be Emergent, Scrub-Shrub, Forested, or Cropped
Size of Wetland (Acres)	Provide the size in acres for the wetland as identified in the WR
To be impacted?	Indicate Yes if there are any impacts to the wetland being described in the row, otherwise indicate No
Permit Required?	Indicate Yes unless the wetland being described in the row is being exempted or is not being impacted
Exceptions Type	If the wetland being described in the row is being exempted, indicate the exception type – can be Class I, Incidental, Conversion of cropland to housing, Size, or Other. If the wetland is not being exempted, indicate N/A.

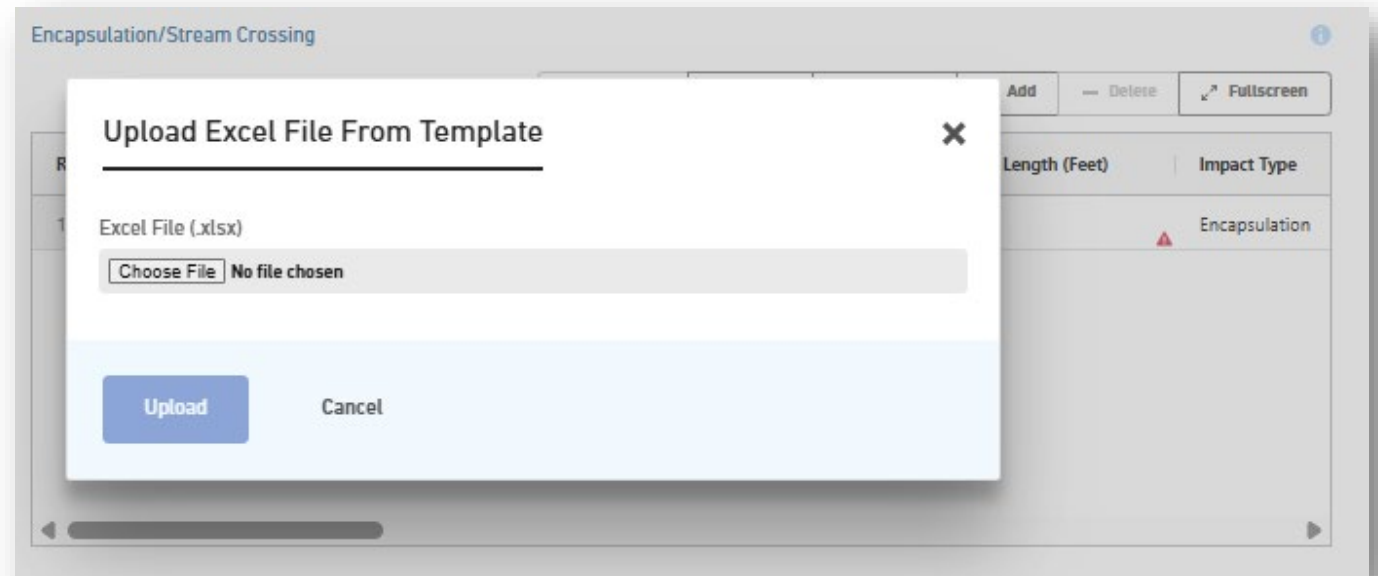
Worksheet Continued – Wetlands regulated under IC 13-18-22

Table Columns (part 2)

Column Name	What to include for each row
Impact Area (Acres)	Provide the size of the impact in acres for the specific impact being described in the row – e.g., .001 acres for riprap scour protection
Type of Fill/Impact	Provide the impact type being described in the row – can be Clean Earthen Fill, Manufactured Fill, Other, Riprap, or Vegetation Alterations (see previous slide for more information about impact types for wetlands). When no impact is occurring, use "Other" and indicate No impact.
Fill Volume (Cubic Yards)	Provide the amount of fill in cubic yards
Permanent Impact	Indicate "Yes" for permanent impacts, "No, Temporary impacts" for temporary impacts, or "No Impact" for wetlands not being impacted
Latitude of Wetland	Provide the latitude for the approximate center of the wetland being described in the row
Longitude of Wetland	Provide the longitude for the approximate center of the wetland being described in the row

Worksheet Continued – Encapsulation/Stream Crossing

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a stream and specific encapsulation or crossing impact – multiple rows for each impact within each stream
 - DO NOT provide one row for all impacts together
- Address the columns as described on the next slide



Worksheet Continued – Encapsulation Stream Crossing Table Columns (part 1)

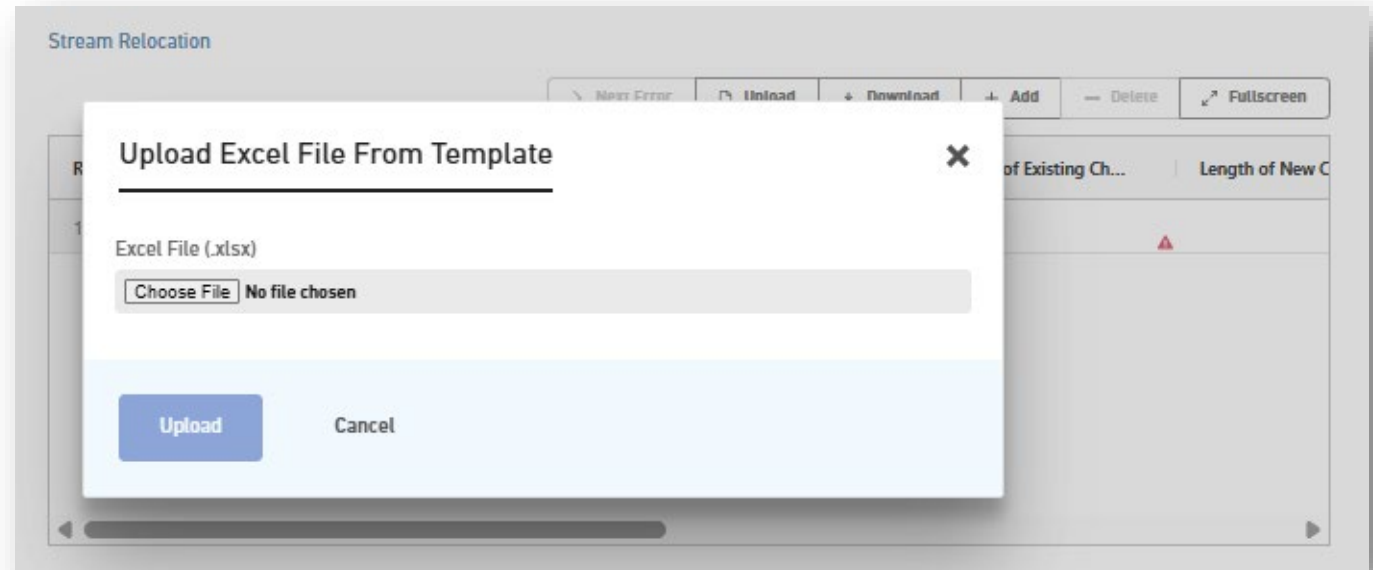
Column Name	What to include for each row
Stream Name	Provide the Stream name as identified in the WR for the project
Stream Type	Provide the Stream type as identified in the WR or AJD – can be Ephemeral, Intermittent, or Perennial
OHWM Depth (Feet)	Provide the OHWM depth measurement in feet as identified in the WR for the project for the stream being described in the row
OHWM Width (Feet)	Provide the OHWM width measurement in feet as identified in the WR for the project for the stream being described in the row
Impact Type	This is locked and cannot be edited
Height of Existing Structure (Feet)	Provide the height in feet of the existing structure for the impact being described in the row
Width of Existing Structure (Feet)	Provide the width in feet of the existing structure for the impact being described in the row
Encapsulation Type	Indicate either New, Replacement, or Liner for the impact being described in the row
Length of Existing Structure (Feet)	Provide the length in feet of the existing structure for the impact being described in the row

Worksheet Continued – Encapsulation Stream Crossing Table Columns (part 2)

Column Name	What to include for each row
Height of Proposed Structure (Feet)	Provide the height in feet of the proposed structure for the impact being described in the row
Width of Proposed Structure (Feet)	Provide the width in feet of the proposed structure for the impact being described in the row
Length of Proposed Structure (Feet)	Provide the length in feet of the proposed structure for the impact being described in the row
Sump Depth of Proposed Structure (Feet)	Provide the sump depth in feet of the proposed structure for the impact being described in the row; if sump depth is N/A put zero
Streambed Substrate	Provide the streambed substrate type(s) as identified in the WR for the project for the stream being described in the row
Impact Area (Acres)	Provide the size of the impact in acres for the specific impact being described in the row – e.g., .0001 acres for riprap scour protection
Permanent Impact	Indicate Yes for permanent impacts, or No for Temporary impacts
Latitude of Center Point (Decimal Degrees)	Provide the latitude for the approximate center of the impact being described in the row
Longitude of Center Point (Decimal Degrees)	Provide the longitude for the approximate center of the impact being described in the row

Worksheet Continued – Stream Relocation

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a stream and specific relocation impact – multiple rows for each impact within each stream
 - Provide one row for each stream addressing the entire length of relocation
 - Any other impact to the existing stream such as, filling culverts or placing riprap should not be included in this table
 - NOTE: riprap placement within the new channel will be reflected under bank stabilization
- Address the columns as described on the next slide

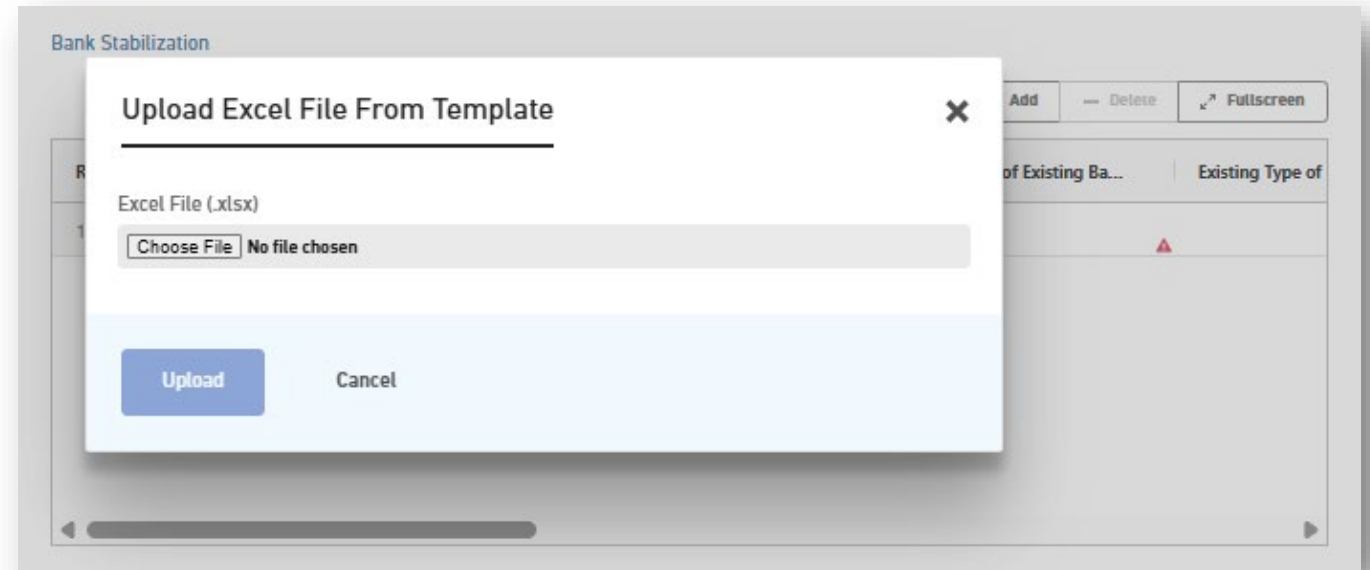


Worksheet Continued – Stream Relocation Table Columns

Column Name	What to include for each row
Stream Name	Provide the Stream name as identified in the WR for the project
Stream Type	Provide the Stream type as identified in the WR or AJD – can be Ephemeral, Intermittent, or Perennial
Impact Type	This is locked and cannot be edited
Length of Existing Channel to be Relocated (Linear Feet)	Provide the length in feet of the existing channel for relocation being described in the row
Length of New Channel to be Constructed (Linear Feet)	Provide the length in feet of the new channel for relocation being described in the row
Existing Channel to be Backfilled?	Indicate Yes if the existing channel will be backfilled once the new channel is constructed, otherwise say No
Permanent Impact	Indicate Yes for permanent impacts, or No for Temporary impacts
Latitude of Impact	Provide the latitude for the approximate center of the impact being described in the row (existing stream)
Longitude of Impact	Provide the longitude for the approximate center of the impact being described in the row (existing stream)

Worksheet Continued – Bank Stabilization

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a stream and specific riprap impacts – multiple rows for each impact within each stream
 - DO NOT provide one row for all impacts together
 - This will also include riprap impacts to new channels created for stream relocation
- Address the columns as described on the next slide



Worksheet Continued – Bank Stabilization Table Columns

Column Name	What to include for each row
Stream Name	Provide the Stream name as identified in the WR for the project, or for newly created channels from relocation provide a name using the format, "Relocation of [Existing Stream Name]" (e.g., Relocation of UNT 1 to Bear Creek)
Stream Type	Provide the Stream type as identified in the WR or AJD – can be Ephemeral, Intermittent, or Perennial
Impact Type	This is locked and cannot be edited
Length of Existing Bank Stabilization (Linear Feet)	Provide the length in linear feet of the existing Bank stabilization for the stream being described in the row – if there is no existing stabilization put zero
Existing Type of Fill	Provide the existing fill type for the existing bank stabilization for the stream being described in the row – can be Riprap, Manufactured Fill, Other, or No Fill. If Other, provide a brief description
Proposed Bank Stabilization (Linear Feet)	Provide the length in linear feet of the proposed bank stabilization for the stream being described in the row
Type of Fill/Impact	Provide the proposed fill type for the stream being described in the row – can be Clean Earthen Fill, Manufactured Fill, Other, Riprap, or Vegetation Alteration. If other, provide a brief description.
Fill Volume (Cubic Yards)	Provide the volume of fill in cubic yards for the impact being described in the row
Impact Area (Acres)	Provide the area of fill in acres for the impact being described in the row
Permanent Impact	Indicate Yes for permanent impacts, or No for Temporary impacts
Latitude of Impact	Provide the latitude for the approximate center of the impact being described in the row
Longitude of Impact	Provide the longitude for the approximate center of the impact being described in the row

Worksheet Continued – Other Stream Impact

- Recommend using the download/upload feature to complete the worksheet tables in Excel and upload to nViro
- Each row will represent a stream and specific temporary/other impacts – multiple rows for each impact type within each stream
 - DO NOT provide one row for all impact types together
 - For example, multiple cofferdams should be reflected in one row but cofferdams and construction access should not be combined in one row
- Address the columns as described on the next slide

Other Stream Impact

> Next Error Upload Download + Add - Delete ^ Fullscreen

Row ...	Stream name	Stream Type	Impact Type	Description of Impacts	Length of Impact
1			Other Stream Impact		

Worksheet Continued – Other Stream Impact Table Columns

Column Name	What to include for each row
Stream Name	Provide the Stream name as identified in the WR for the project
Stream Type	Provide the Stream type as identified in the WR or AJD – can be Ephemeral, Intermittent, or Perennial
Impact Type	This is locked and cannot be edited
Description of Impacts	Provide a brief description of the impact being described in the row, e.g., Construction Access Road
Length of Impact (Linear Feet)	Provide the length in linear feet of the impact for the stream being described in the row
Type of Fill/Impact	Provide the proposed fill type for the stream being described in the row – can be Clean Earthen Fill, Manufactured Fill, Other, Riprap, or Vegetation Alteration
Impact Acres (Acres)	Provide the area of fill in acres for the impact being described in the row
Fill Volume (Cubic Yards)	Provide the volume of fill in cubic yards for the impact being described in the row
Permanent Impact	Indicate Yes for Permanent impacts, or No for Temporary impacts
Latitude of Impact	Provide the latitude for the approximate center of the impact being described in the row
Longitude of Impact	Provide the longitude for the approximate center of the impact being described in the row

Avoidance, Minimization, and Mitigation Information

- Indicate if the project requires compensatory mitigation for impacts to aquatic resources.
- If yes, provide a description of the required mitigation for unavoidable impacts.
 - This should mirror what was required on the old PDF application form 51821 under "Avoidance, Minimization, and Mitigation Information"
 - Refer to the [401/404 permit application checklist](#) INDOT prepared for more guidance on what to include

Avoidance, Minimization, and Mitigation Information

[CLEAR SECTION](#)

When activities within WOTUS exceed 300 linear feet or 0.1 acre of impacts (whichever is exceeded first), IDEM requires mitigation for all stream, open water, and wetland impacts is provided at the following minimum ratios:

- i. 1:1 for streams (linear feet), shorelines (linear feet), open water (acres), and farmed wetland (acres)
- ii. 2:1 for emergent wetland
- iii. 3:1 for scrub shrub wetland
- iv. 4:1 for forested wetland

IDEM requires mitigation for all impacts to wetlands regulated under IC 13-18-22, regardless of impact amount. Please refer to IC 13-18-22-6 for additional information: <https://iga.in.gov/laws/2024/ic/titles/13#13-18-22>.

A detailed description of the mitigation plan must be provided, including: the location of the mitigation site, the size and type of mitigation to be performed, the construction sequence or timing of the mitigation, information on post construction monitoring, mitigation techniques, and success criteria of the mitigation site. A mitigation plan, with overview drawings, planting lists, cross sectional views, and other relevant information is recommended as a supplement to answer this question.

Does this project require compensatory mitigation for impacts to aquatic resources?

- ☒ Yes
☐ No

Describe all compensatory mitigation required for unavoidable impacts:

*

Avoidance, Minimization, and Mitigation Information Continued

- Provide a description of all practical and reasonable alternatives considered to avoid impacts, including the no build alternative
 - Do not just copy and paste from the NEPA document – provide thoughtful explanations about what was considered and why the proposed impacts are necessary
- Provide a description of all practical and appropriate steps to minimize impacts that could not be avoided
 - For example, indicate we used the minimum required riprap footprint or chose the design with the least impact to resources or aquatic organisms

Describe all practical and reasonable alternatives considered to avoid impacts to aquatic resources entirely:

*

Describe all practicable and appropriate steps to minimize impacts to aquatic resources that cannot be avoided:

*

Permittee Responsible, Mitigation Bank, and ILF Information

- Indicate which permit type(s) the mitigation is being proposed for
- Select what mitigation type(s) are being proposed for the project.
 - Note: the order for which we must seek mitigation is as follows 1) Bank Credits, 2) ILF, 3) Permittee Responsible
- Information tables must be completed for each mitigation type connected to each permit authorization type – 401/404 and State Regulated IC-13-18-22

[↑](#) PREVIOUS SECTION
Avoidance, Minimization, and Mitigation Information

Permittee Responsible, Mitigation Bank, and ILF Information

[CLEAR SECTION](#)

Check for available Bank and ILF credits:
<https://ribits.ops.usace.army.mil/ords/f?p=107:2>

For more information on DNR In-Lieu Fee Mitigation Program:
<https://www.in.gov/dnr/land-acquisition/stream-and-wetland-mitigation-program/>

Which Permit authorization type is mitigation proposed for?

☒ 401 Water Quality Certification ☒ State Regulated Wetland Permit

The following information pertains to a CWA Section 404/401 WQC mitigation.

Check each mitigation type being proposed:

☒ Permittee Responsible ☒ In-Lieu Fee Credits

☒ Bank Credits

The following information pertains to a State (IC 13-18-22) Permit mitigation

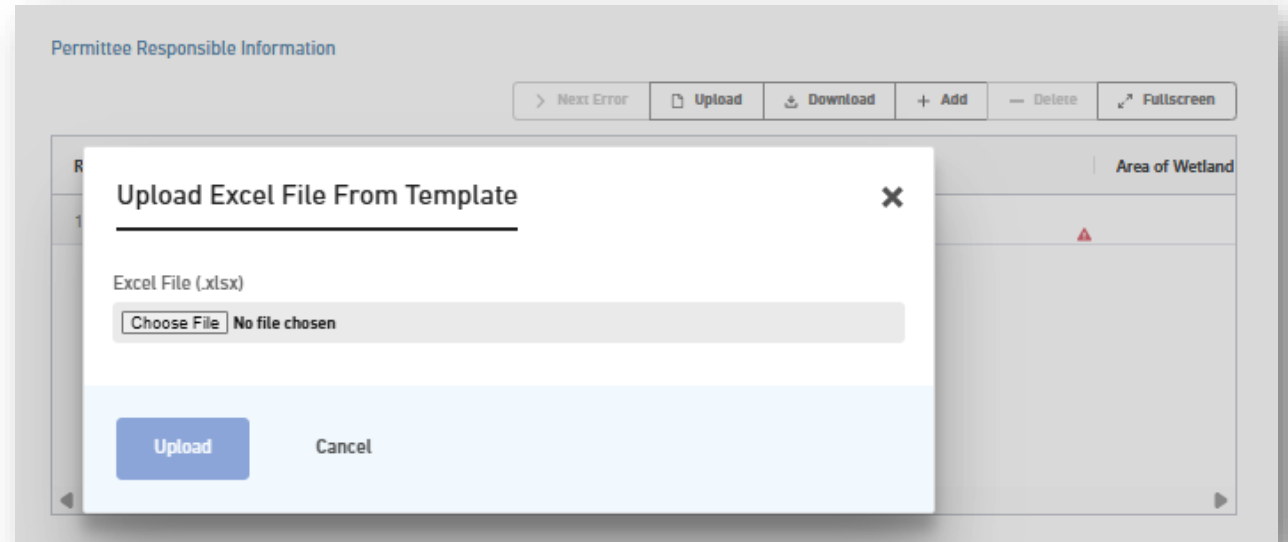
Check each mitigation type being proposed:

☒ Permittee Responsible ☒ In-Lieu Fee Credits

☒ Bank Credits

Permittee Responsible, Mitigation Bank, and ILF Information Continued – **Permittee Responsible Information**

- Recommend using the download/upload feature to complete the Permittee Responsible tables in Excel and upload to nViro
- Each row will represent a permittee responsible mitigation site – multiple rows for each site if more than one is required
 - DO NOT provide one row for all sites together
- Address the columns as described on the next slide
- Upload a copy of the Mitigation Plan for all permittee responsible mitigation sites



Permittee Responsible Information Table Columns

Column Name	What to include for each row
Mitigation Identifier	Provide a name for the mitigation site as identified in the mitigation plan
Location	Indicate if the proposed mitigation site is On-Site or Off-Site
Mitigation Resource Type	Indicate the mitigation resource type – can be Emergent Wetland, Scrub-Shrub Wetland, Forested Wetland, Ephemeral Stream, Intermittent Stream, Perennial Stream, or Open Water
Type	Indicate the mitigation type – can be Creation, Restoration, Enhancement, or Preservation
Area of Wetland/Open Water Mitigation (Acres)	Provide the proposed area for Wetland/Open Water Mitigation within the site described in the row – if there is none, put zero
Length of Stream/Shoreline Mitigation (Linear Feet)	Provide the proposed length in linear feet for Stream/Shoreline Mitigation within the site described in the row – if there is none, put zero
Length of Riparian Corridor Mitigation (Linear Feet, Streams Only)	Provide the proposed length in linear feet for Riparian Corridor Mitigation within the site described in the row – if there is none, put zero
Latitude of Mitigation Site	Provide the latitude for the approximate center of the mitigation site being described in the row
Longitude of Mitigation Site	Provide the longitude for the approximate center of the mitigation site being described in the row

Permittee Responsible, Mitigation Bank, and ILF Information Continued – In-Lieu Fee Credit Information

- Each row will represent an ILF credit purchase – multiple rows for each purchase
 - DO NOT provide one row for all credits together
- Address the columns as described on the next slide

In-Lieu Fee Credit Information

> Next Error Upload Download + Add — Delete ↗ Fullscreen

Row Number	In Lieu Fee Service Area	Credit Type	Credit amount
1	Calumet-Dunes	Emergent Wetland	.74

Back Credits Information

In-Lieu Fee Credit Information Table Columns

Column Name	What to include for each row
In-Lieu Fee Service Area	Provide the name for the In-Lieu Fee Service Area that is appropriate for the project area and the credit purchase being described in the row – can be Calumet-Dunes, Kankakee, St. Joseph River, Maumee, Upper Wabash, Middle Wabash, Upper White, Lower White, Whitewater – East Fork White, Upper Ohio, or Ohio-Wabash Lowlands
Credit Type	Indicate the credit type for the credit purchased being described in the row – can be Emergent Wetland, Scrub-Shrub Wetland, Forested Wetland, Ephemeral Stream, Intermittent Stream, Perennial Stream, or Open Water
Credit Amount	Indicate the credit amount for the credit purchase being described in the row

Permittee Responsible, Mitigation Bank, and ILF Information Continued – Bank Credits Information

- Each row will represent a Bank credit purchase – multiple rows for each purchase
 - DO NOT provide one row for all credits together
- Address the columns as described on the next slide

Bank Credits Information

> Next Error Upload Download + Add - Delete Fullscreen

Row Number	Bank Name	Credit Type	Credit Amount
1	Bear Creek Conservation Bank	Ephemeral Stream	14

Bank Credit Information Table Columns

Column Name	What to include for each row
Bank Name	Provide the name for the Bank for the credit purchase being described in the row
Credit Type	Indicate the credit type for the credit purchased being described in the row – can be Emergent Wetland, Scrub-Shrub Wetland, Forested Wetland, Ephemeral Stream, Intermittent Stream, Perennial Stream, or Open Water
Credit Amount	Indicate the credit amount for the credit purchase being described in the row

Project Documents

PREVIOUS SECTION

Permittee Responsible, Mitigation Bank, and ILF Information

Project Documents

CLEAR SECTION

* All required attachments

Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload

OR

CHOOSE FILE

Comment

Additional documents

Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload

OR

CHOOSE FILE

Comment

Additional Information that MAY be required

- At this time, IDEM does not require any uploads in this section for INDOT permit applications

PREVIOUS SECTION
Project Documents

Additional Information that MAY be required CLEAR SECTION

You are not required to submit the information specified in this section unless directed to do so by IDEM. However, you may submit the information if you anticipate that such information will be required.

Erosion control and/or storm water management plans
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

Sediment analysis
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

Species surveys for fish, macroinvertebrates, plants and threatened or endangered species
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

Sensitive habitat assessment
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

ELM/Geo.ECOM file
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

Any other information IDEM deems necessary to review the proposed project
Please be aware that files exceeding 500 MB in size are not allowed

Drop files here to upload
OR
CHOOSE FILE

Comments

Permitting Requirements

- Indicate if the project requires a 404 permit from USACE (NOTE: this is almost always Yes)
 - If yes, indicate No for *Have you applied for any Army Corps of Engineers Section 404 permit?* The INDOT EWPSO Ecologist will complete that step after this application is submitted to IDEM
- Indicate if a permit application for this project has been submitted to IDNR
 - If yes, complete the table to describe the permit or application

Permitting Requirements

CLEAR SECTION

Provide information regarding your application to the Corps of Engineers. If you have not yet contacted the Corps of Engineers, you must do so as soon as possible

Does this project require the issuance of a Department of the Army Section 404 Permit from the US Army Corps of Engineers?

☒ Yes
☐ No

Have you applied for any Army Corps of Engineers Section 404 permit?

☐ Yes
☒ No

i Please contact the Army Corps of Engineers regarding the possible need for a permit application. A completed USACE accepted application form can be found in the Documents section after this form is submitted.

Have you applied for, received, or been denied a permit from the Department of Natural Resources for this project?

☒ Yes
☐ No

Please provide the permit name, permit number, and date of application, issuance or denial

PERMIT NAME ▲

PERMIT NUMBER ▲

TYPE ▲

DATE ▲

Select...

✕

ADD ROW

Fullscreen

Permitting Requirements Continued

- Indicate if a permit application for this project has been submitted to any other federal, state, or local authority (such as a legal drain permit)
 - If yes, complete the table to describe the permit or application

Have you applied for, received, or been denied any other federal, state, or local permits, variances, licenses, or certifications for this project?

☒ Yes
☐ No

Please provide the permit name, agency from which it was obtained, permit number, and date of issuance or denial

[Fullscreen](#)

PERMIT NAME ▲	PERMIT NUMBER ▲	AGENCY ▲	DETERMINATION ▲	DATE ▲
*	*	*	* Select...	*
ADD ROW				

Review

- Review the information completed for the application for accuracy
- Once complete, save the application and stop here
- DO NOT PROCEED TO SIGN OR REQUEST SIGNATURE
- Email the appropriate INDOT EWPSO Ecologist and let them know the application is ready for INDOT review

Review

This step allows you to review the form to confirm that it is populated completely and accurately, prior to certification and submission.

PRE APPLICATION QUESTIONS

Intended IDEM Authorization:

General 401 Water Quality Certification

State Regulated General Permit

Individual 401 Water Quality Certification

State Regulated Individual Permit

Have you received a Waters of the State Determination from IDEM?

Yes

Has any pre-application coordination occurred with an IDEM Wetland Project Manager?

Yes

Name of Project Manager:

Graham Wrin

Coordination Date:

01/06/2026

Type of Coordination:

INDOT lead project

APPLICANT INFORMATION

Applicant Contact Information

Prefix	First Name	Last Name
--------	------------	-----------

None Specified	Crystal	Rehder
----------------	---------	--------

Title

Team Lead

Organization Name

Indiana Department of Transportation

Phone Type

Mobile

Phone Number

317-499-3274

Email

crehder@indot.in.gov

Address

100 N SENATE AVE # N758-ES

INDIANAPOLIS IN 46204-2273

United States

Questions?

Reach out to
INDOT EWPSO
Staff for
additional
guidance

West Team

Team Lead – Crystal Rehder

- crehder@indot.in.gov
- (317) 499-3274

Senior Ecologist – Macayla Coleman

- macoleman@indot.in.gov
- (317) 391-7564

LaPorte Ecologist – Jonah Leever

- jleevers@indot.in.gov
- (317) 416-1207

Crawfordsville Ecologist – TJ Knotek

- tknotek@indot.in.gov
- (463) 325-0130

Vincennes Ecologist – Mike Lawson

- milawson@indot.in.gov
- (463)-246-2609

East Team

Team Lead – Jacob Burskey

- jburskey@indot.in.gov
- (317) 646-2266

Senior Ecologist – Aidan Geissler

- ageissler@indot.in.gov
- (317) 694-7134

Fort Wayne Ecologist – Scott Stippich

- sstippich@indot.in.gov
- (317) 864-0865

Greenfield Ecologist – Avery Abbitt

- avabbitt@indot.in.gov
- (463)-224-5488

Seymour Ecologist – Aaron Koehlinger

- akoehlinger@indot.in.gov
- (317) 954-8695