



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
March 15, 2024

Closing Date:
April 5, 2024

IDEM ID Number:
2024-101-31-JLB-A

Corps of Engineers ID Number:
LRL-2023-00946

PUBLIC NOTICE

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

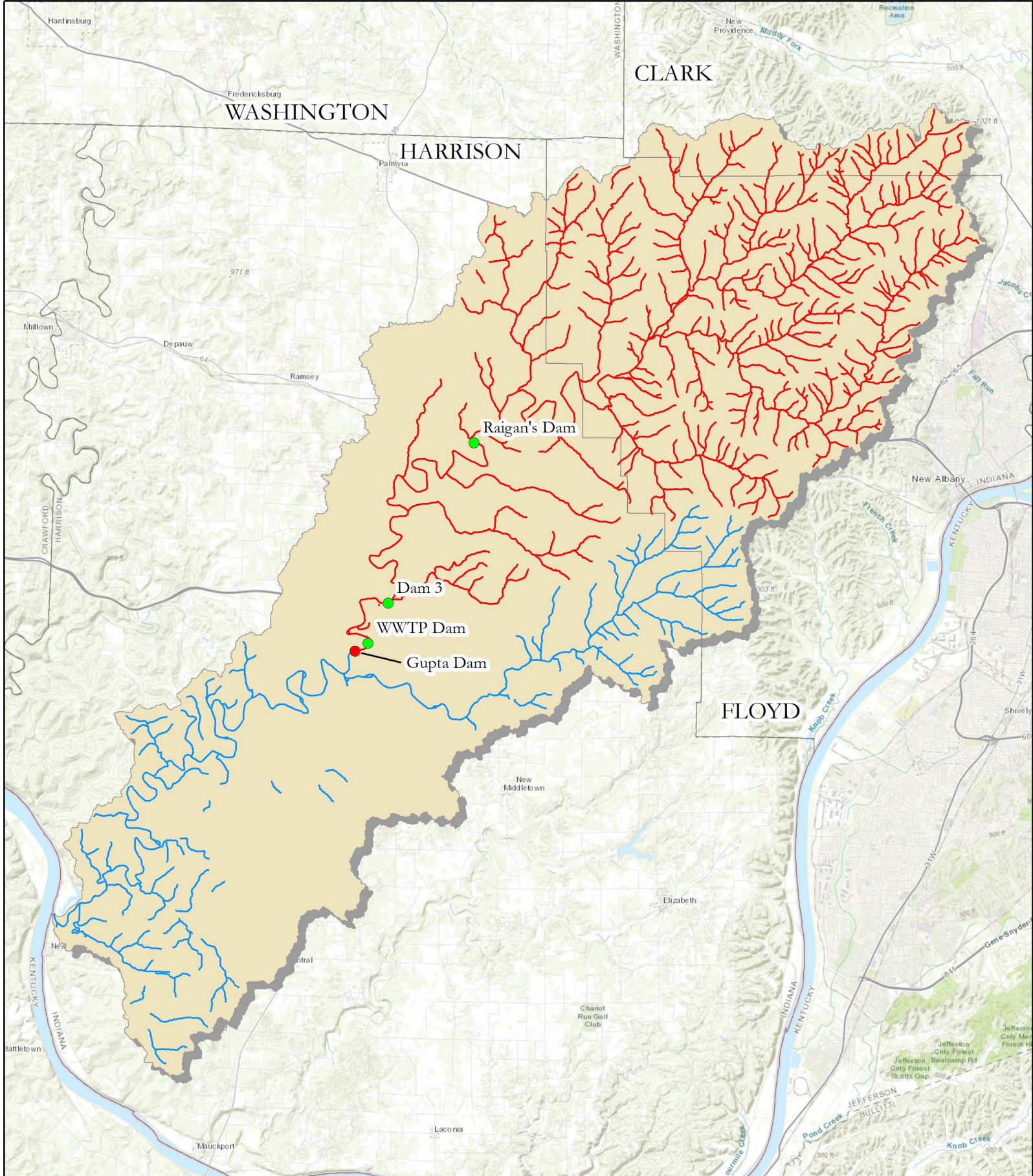
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|--------------------------------|---|------------------|--|
| 1. Applicant: | Jerry Sweeten
Ecosystems Connections Institute
9130 North 600 East
Denver, IN 46926 | 2. Agent: | Jerry Sweeten
Ecosystems Connections Institute
9130 North 600 East
Denver, IN 46926 |
| 3. Project location: | Harrison County
Latitude 38.2218801, Longitude -86.1125994
The project is located 200 feet upstream of the old State Road 135 bridge in Corydon, Indiana. | | |
| 4. Affected waterbody: | Indian Creek | | |
| 5. Project Description: | Removal of 125' low head dam from Indian Creek for stream reconnection, fish passage, and hellbender salamander reintroduction. Additional information may be found online at https://www.in.gov/idem/5474.htm | | |

Comment period: Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing: Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions? Additional information may be obtained from Jake Brinkman, Project Manager, by phone at 317-306-8995 or by e-mail at jbrinkma@idem.in.gov. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251 FAX: 317/232-8406



Created By: Kyle Boone
Date Created: 1 December 2023

Legend

- Dam Status**
- Proposed for Removal
 - Removed
 - Stream Miles to Be Reconnected: 328 miles
 - Stream Miles Below Dam: 131 miles
 - County Boundaries
 - Watershed



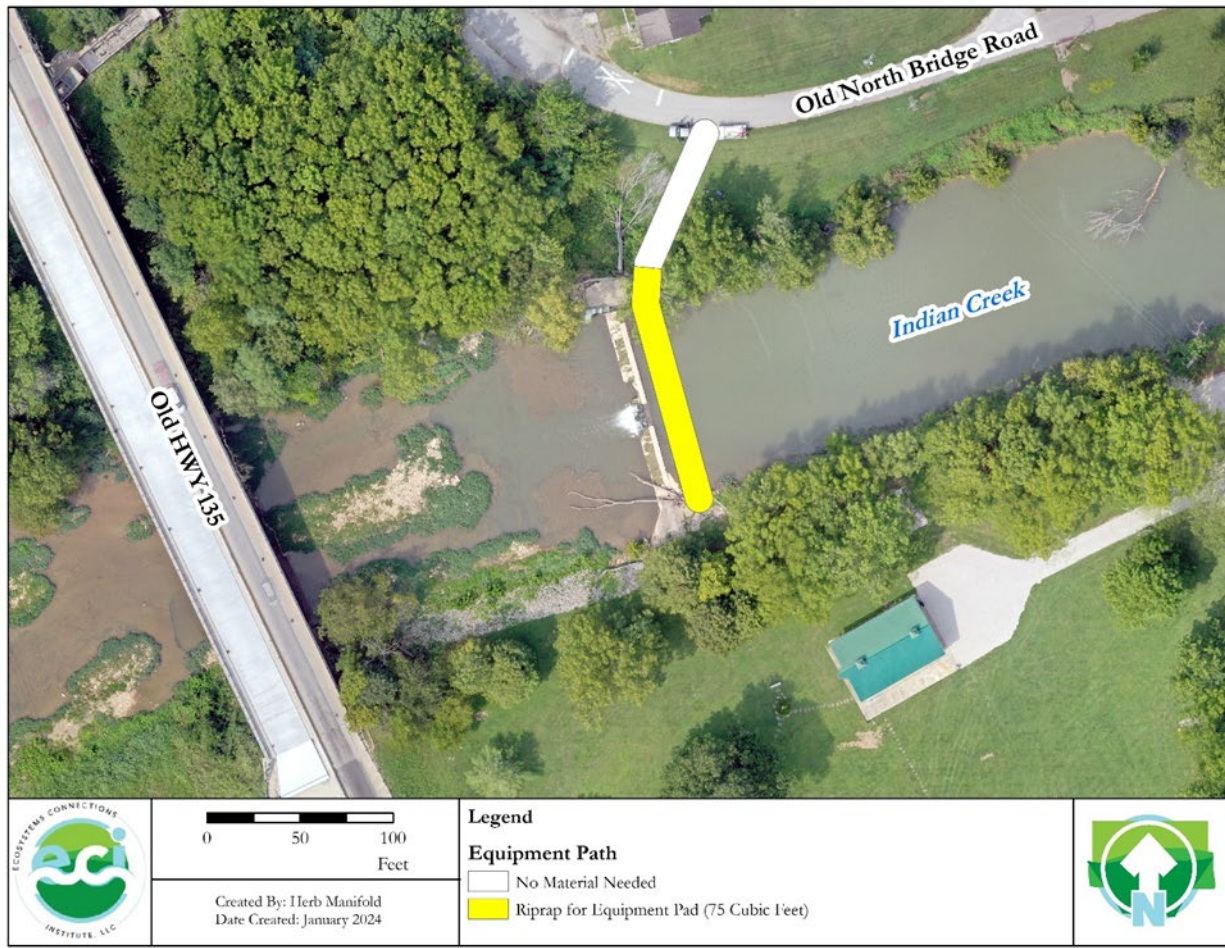


Figure 15. The equipment path needed to access Corydon dam (white pathway) is 65-feet long. This pathway is already clear woody vegetation as it is a mowed lawn. White sections of the pathway will require no additional material for access. Yellow sections of pathway will be used as a footing for the removal equipment, A maximum of 10 cubic yards of riprap will be utilized and/or machinery will be able to use the existing rock substrate to remove the dam. This pathway behind the dam will be not to exceed 100-feet. Once the pool is lowered the area behind the dam will be dry. All material will be removed when the project is complete.



Figure 18. Drone picture from downstream the dam looking upstream. Photo taken 24 August 2023. Corydon (Gupta) dam, Corydon Indiana. Between the blue lines (left and right) indicate the approximate area of the dam that will be removed.



Figure 19. Drone picture from upstream the dam looking downstream. Photo taken 24 August 2023. Corydon dam, Corydon Indiana



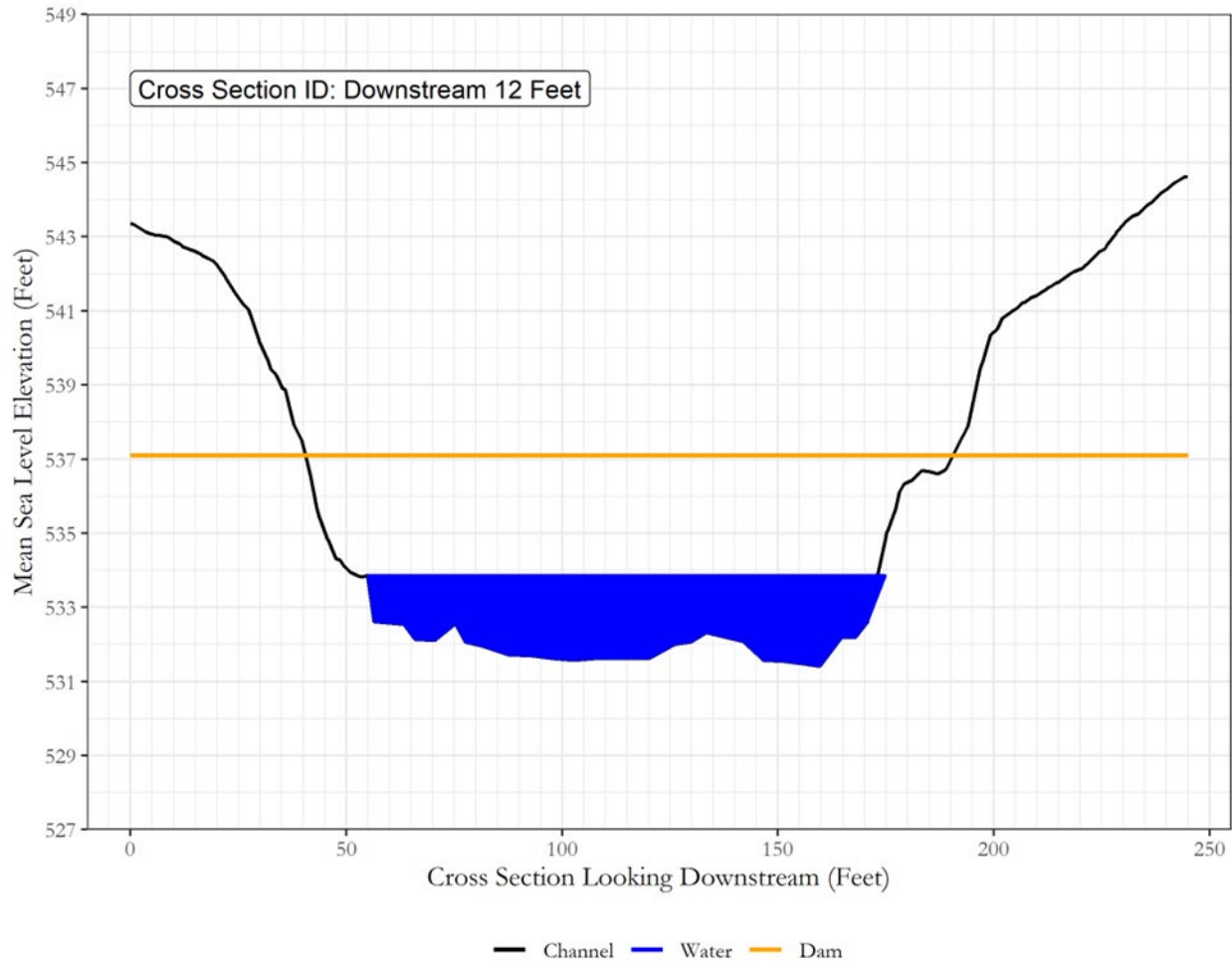


Figure 8. Cross Sectional collected 12 feet downstream of Corydon dam. Downstream orientation with river-left being on left side of the plot. In channel and water surface data was collected on 24 August 2023. Above channel data collected as part of the statewide LiDAR initiative in 2017. Orange line represents the top elevation of the Corydon Dam.

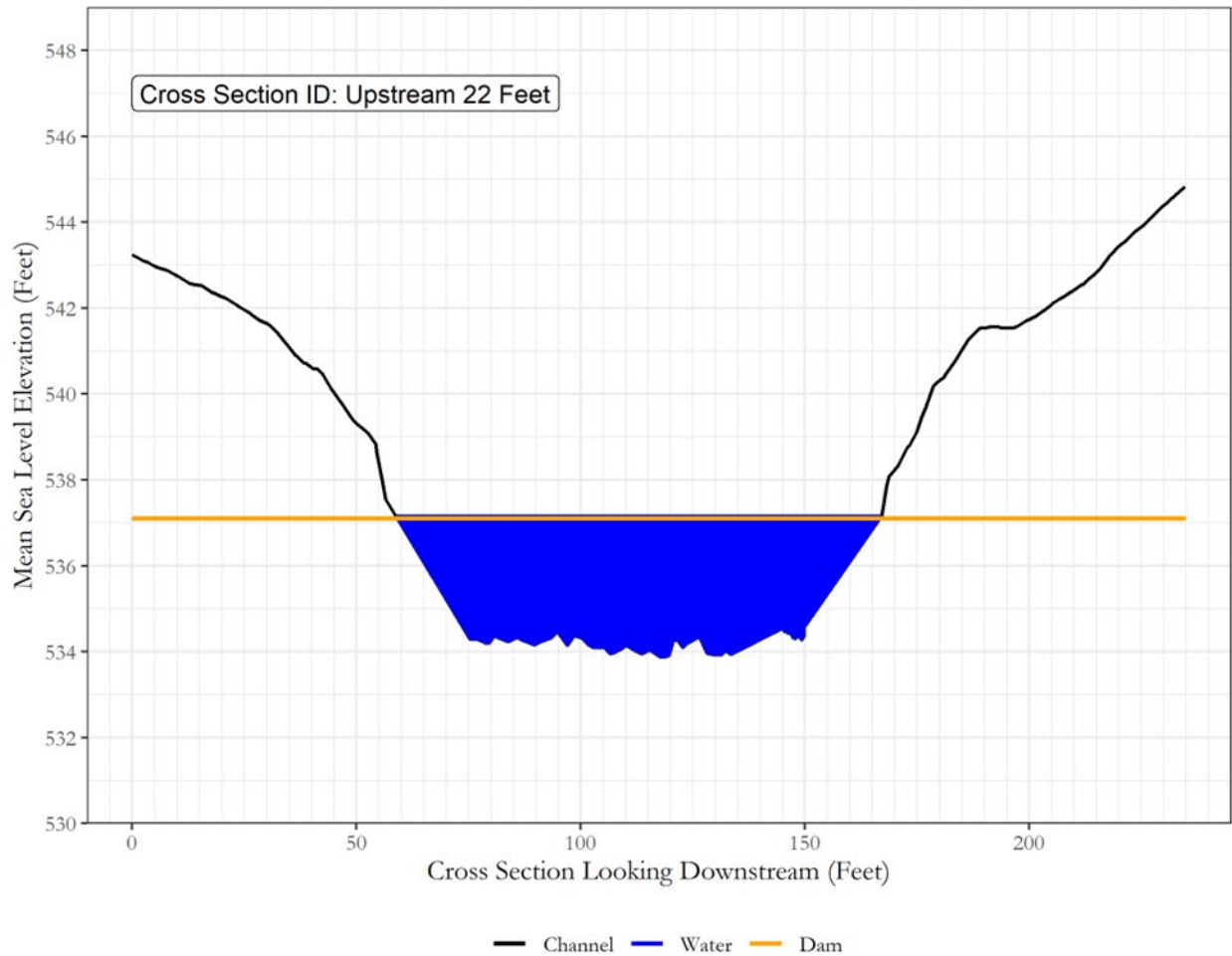


Figure 9. Cross Sectional collected 22 feet upstream of Corydon dam. Downstream orientation with river-left being on left side of the plot. In channel and water surface data was collected on 24 August 2023. Above channel data collected as part of the statewide LiDAR initiative in 2017. Orange line represents the top elevation of the Corydon Dam.

Wetland Delineation



Figure 24. Area of riparian forested in the 100-year floodway. Removal of the low head dam will have no effect on the 100-year floodway elevation or on the extent of the riparian forested area delineated on the map.