



In reply refer to:
2025-FRA-65294

February 23, 2026

Kimberly House
Burns & McDonnell Engineering Company, Inc.
544 White Pond Drive, Suite 300
Akron, Ohio 44320
Email: khouse@burnsmcd.com

RE: Section 106 Review: NiSource North Columbus High Pressure Phase 4 Pipeline System Replacement,
Franklin County, Ohio

Dear Ms. House:

This letter is in response to the correspondence received on February 18, 2026, regarding the above-referenced project in Franklin County, Ohio. We appreciate the opportunity to comment on this project. The comments of the Ohio State Historic Preservation Office (SHPO) are made pursuant to Section 149.53 of the Ohio Revised Code requesting cooperation among state agencies in the preservation of historic properties. The comments of the Ohio SHPO are also submitted in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 306108 [36 CFR 800]). An application to the Ohio Power Siting Board (OPSB) is required for this project. The OPSB is the lead agency for the undertaking.

The SHPO has previously reviewed and commented on this project on June 30, 2025. However, since that time, the scope of the project has changed and includes a change in the route. This new route will be mostly within existing road and railroad right-of-way. Based on this change and a review of our files, the SHPO continues to agree that as proposed, the project will have no effect on historic properties. No further coordination is required for this project unless the scope of work changes again or archaeological remains are discovered during the course of the project. In such a situation, this office should be contacted as required by 36 CFR § 800.13. If you have any questions concerning this review, please contact me by email at sbiehl@ohiohistory.org. Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Stephen M. Biehl".

Stephen M. Biehl, Project Reviews Manager-Archaeology
Resource Protection and Review
State Historic Preservation Office

RPR Serial No. 1112918



In reply refer to:
2025-FRA-65294

June 30, 2025

Kimberly House
Burns & McDonnell Engineering Company, Inc.
544 White Pond Drive, Suite 300
Akron, Ohio 44320
Email: khouse@burnsmcd.com

RE: Section 106 Review-NiSource North Columbus High Pressure Pipeline System Replacement,
Phase 4 Project, Franklin County, Ohio

Dear Ms. House:

This letter is in response to the correspondence received on May 29, 2025, with additional information received on June 25, 2025, regarding the above-referenced project in Franklin County, Ohio. We appreciate the opportunity to comment on this project. The comments of the Ohio State Historic Preservation Office (SHPO) are made pursuant to Section 149.53 of the Ohio Revised Code (O.R.C.) and the Ohio Power Siting Board rules for this project. The comments of the Ohio SHPO are also submitted in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 306108 [36 CFR 800]).

The project will involve the replacement of approximately 4.6-miles of 20-inch pipeline, a station design, and five lateral connections. The majority of the project is within existing road right-of-way and private permanent pipeline easements. A literature review was completed for the entire project. A total of six (6) cemeteries, 29 Ohio Archaeological Inventory (OAI) sites, 84 Ohio Historic Inventory (OHI) above-ground resources, two (2) National Register of Historic Places properties and districts, and five (5) previously surveyed areas were identified within the 1.0-mile study area. One of these surveys partially overlaps the current project area. Additionally, one OHI is within the project area but will not be impacted by the proposed project.

After careful review of the information submitted and due to previous disturbances, the project has a low potential to encounter intact, significant archaeological deposits. Furthermore, no above-ground resources will be impacted by the proposed project. Therefore, it is the SHPO's opinion that, as proposed, the project will have no effect on historic properties. No further coordination is required for this project unless the scope of work changes or archaeological remains are discovered during the course of construction. In such a situation, this office should be contacted. If you have any questions, please contact me by e-mail at sbiehl@ohiohistory.org. Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads "Stephen M. Biehl".

Stephen M. Biehl, Project Reviews Manager-Archaeology
Resource Protection and Review
State Historic Preservation Office

RPR Serial No. 1109264



2/23/2026

Attention: Field Office Supervisor
U.S. Fish and Wildlife Service
4265 Morse Road, Suite 104
Columbus, OH 43230

Re: Project Review Request, NCHP Phase 4 Pipeline System Replacement Project
IPaC #: 2026-0050223
Franklin County, Ohio

Dear Sir or Madame,

NiSource is formally requesting an updated review from the U.S. Fish and Wildlife Service (USFWS) for the proposed North Columbus High Pressure Pipeline (NCHP) Phase 4 Pipeline System Replacement Project located in Franklin County, Ohio (Figure 1). The Project is within the City of Columbus and Upper Arlington, as well as Perry Township, Franklin County, Ohio. Phase 4 includes the replacement of approximately 4.6 miles of 20-inch pipeline, a station design, and five later connections to five existing stations.

The project was previously submitted to the USFWS for review on June 27, 2025 (IPaC #: 2025-0090358). An email response (Attachment 1) received on July 21, 2025 recommended seasonal tree clearing to avoid adverse impacts to Indiana bats (*Myotis sodalis*) and northern long-eared bats (*Myotis septentrionalis*).

The Project has been updated with a slight adjustment to the proposed main pipeline, now passing through Circle Drive and Shuster Road. This location is marked with a green boundary on Figure 1.

Please provide us with updated information on federally listed threatened and endangered species at your earliest convenience. For ease of review, we have included a project location map (Figure 1), shapefiles of the project survey boundary, previous correspondence (Attachment 1), and an updated IPaC official species list (Attachment 2).



If you have questions or need additional information regarding the Project, please contact me at the phone number or email below. Thank you for your assistance with this request.

Sincerely,

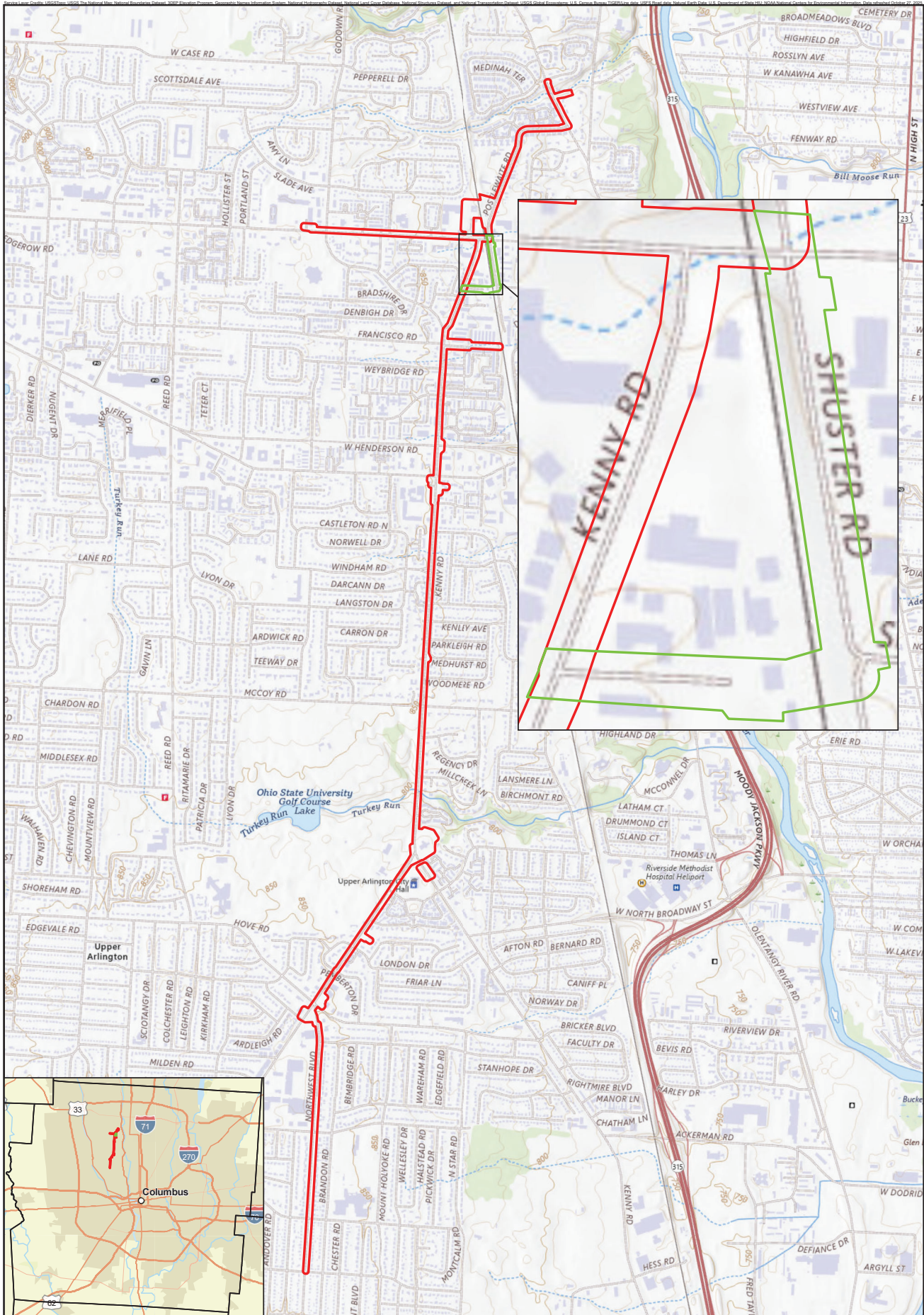
A handwritten signature in blue ink that reads "Brooke Harrison".

Brooke Harrison
Project Manager
bharrison@burnsmcd.com
(380) 390-2516

Burns & McDonnell
Attn. Brooke Harrison
530 West Spring Street, Suite 100
Columbus, OH 43215

Cc:
Christian Cortez, Burns & McDonnell





▭ New Survey Area
▭ Existing Survey Area




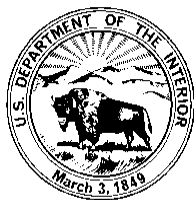

 1,600 800 0 1,600
 Scale in Feet



Figure 1: Vicinity Map
 NCHP Phase 4 Pipeline
 System Replacement Project
 NiSource
 Franklin County, OH

United States Department of the Interior



FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994



July 21, 2025

Project Code: 2025-0090358

Dear Mr. Hornstein:

The U.S. Fish and Wildlife Service (Service) has received your recent correspondence requesting information about the subject proposal. We offer the following comments and recommendations to assist you in minimizing and avoiding adverse impacts to threatened, endangered, and proposed species pursuant to the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq), as amended (ESA).

Federally Threatened and Endangered Species: The endangered Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*) occur throughout the State of Ohio. The Indiana bat and northern long-eared bat may be found wherever suitable habitat occurs unless a presence/absence survey has been performed to document absence. Suitable summer habitat for Indiana bats and northern long-eared bats consists of a wide variety of forested/wooded habitats where they roost, forage, and breed that may also include adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, woodlots, fallow fields, and pastures. Roost trees for both species include live and standing dead trees ≥ 3 inches diameter at breast height (dbh) that have any exfoliating bark, cracks, crevices, hollows and/or cavities. These roost trees may be located in forested habitats as well as linear features such as fencerows, riparian forests, and other wooded corridors. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet of other forested/wooded habitat. Northern long-eared bats have also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat. In the winter, Indiana bats and northern long-eared bats hibernate in caves, rock crevices and abandoned mines.

Federally Proposed Species: On September 14, 2022, the Service proposed to list the tricolored bat (*Perimyotis subflavus*) as endangered under the ESA. The bat faces extinction due to the impacts of white-nose syndrome, a deadly disease affecting cave-dwelling bats across the continent. During spring, summer, and fall, this species roosts primarily among leaf clusters of live or recently dead trees, emerging at dusk to hunt for insects over waterways and forest edges. While white-nose syndrome is by far the most serious threat to the tricolored bat, other threats now have an increased significance due to the dramatic decline in the species' population. These threats include disturbance to bats in roosting, foraging, commuting, and over-wintering habitats. Mortality due to collision with wind turbines, especially during migration, has also been documented across their range. Conservation measures for the Indiana bat and northern long-eared bat will also help to conserve the tricolored bat.

Seasonal Tree Clearing for Federally Listed Bat Species: Should the proposed project site contain trees ≥ 3 inches dbh, we recommend avoiding tree removal wherever possible. If any caves or abandoned mines may be disturbed, further coordination with this office is requested to determine if fall or spring portal surveys are warranted. If no caves or abandoned mines are present and trees ≥ 3 inches dbh cannot be avoided, we recommend removal of any trees ≥ 3 inches dbh only occur between October 1 and March 31. Seasonal clearing is recommended to avoid adverse effects to Indiana bats and northern long-eared bats.

If implementation of this seasonal tree cutting recommendation is not possible, a summer presence/absence survey may be conducted for Indiana bats and northern long-eared bats. If Indiana bats and northern long-eared bats are not detected during the survey, then tree clearing may occur at any time of the year. Surveys must be conducted by an approved surveyor and be designed and conducted in coordination with the Ohio Field Office. Surveyors must have a valid federal permit. Please note that in Ohio summer mist net surveys may only be conducted between June 1 and August 15.

Section 7 Coordination: If there is a federal nexus for the project (e.g., federal funding provided, federal permits required to construct), then no tree clearing should occur on any portion of the project area until consultation under section 7 of the ESA, between the Service and the federal action agency, is completed. We recommend the federal action agency submit a determination of effects to this office, relative to the Indiana bat and northern long-eared bat, for our review and concurrence. This letter provides technical assistance only and does not serve as a completed section 7 consultation document.

Stream and Wetland Avoidance: Over 90% of the wetlands in Ohio have been drained, filled, or modified by human activities, thus is it important to conserve the functions and values of the remaining wetlands in Ohio (https://epa.ohio.gov/portals/47/facts/ohio_wetlands.pdf). We recommend avoiding and minimizing project impacts to all wetland habitats (e.g., forests, streams, vernal pools) to the maximum extent possible in order to benefit water quality and fish and wildlife habitat. Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. If streams or wetlands will be impacted, the U.S. Army Corps of Engineers should be contacted to determine whether a Clean Water Act section 404 permit is required. Best management practices should be used to minimize erosion, especially on slopes. Disturbed areas should be mulched and revegetated with native plant species. In addition, prevention of non-native, invasive plant establishment is critical in maintaining high quality habitats.

Due to the project type, size, and location, we do not anticipate adverse effects to any other federally endangered, threatened, or proposed species, or proposed or designated critical habitat. Should the project design change, or additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, coordination with the Service should be initiated to assess any potential impacts.

Thank you for your efforts to conserve listed species and sensitive habitats in Ohio. We recommend coordinating with the Ohio Department of Natural Resources due to the potential for the proposed project to affect state listed species and/or state lands. Contact Mike Pettegrew, Environmental Services Administrator, at (614) 265-6387 or at mike.pettegrew@dnr.ohio.gov.

If you have questions, or if we can be of further assistance in this matter, please contact our office at (614) 416-8993 or ohio@fws.gov.

Sincerely,

A handwritten signature in blue ink that reads "Erin Knoll". The signature is written in a cursive, flowing style.

Erin Knoll
Field Office Supervisor

cc: Matthew.Stooksbury@dnr.ohio.gov
Eileen.Wyza@dnr.ohio.gov



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Ohio Ecological Services Field Office
4625 Morse Road, Suite 104
Columbus, OH 43230-8355
Phone: (614) 416-8993 Fax: (614) 416-8994

In Reply Refer To:

02/16/2026 15:48:25 UTC

Project Code: 2026-0050223

Project Name: NCHP Phase 4 Pipeline System Replacement Project

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Requests for additional technical assistance or consultation from the Ohio Field Office should be submitted following guidance on the following page <https://www.fws.gov/office/ohio-ecological-services/request-project-review>. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Ohio Ecological Services Field Office

4625 Morse Road, Suite 104

Columbus, OH 43230-8355

(614) 416-8993

PROJECT SUMMARY

Project Code: 2026-0050223
Project Name: NCHP Phase 4 Pipeline System Replacement Project
Project Type: Pipeline - Onshore - Maintenance / Modification - Below Ground
Project Description: The Project consists of the installation of approximately 4.6 miles of 20-inch pipeline replacement, a station design, and five later connections to five district existing stations. Work will begin north of the intersection of Northam Road and Northwest Boulevard. The Project continues north until it reaches the proposed Postlewaite Station along Postlewaite Road. Workspaces will include installation portions of the Project, equipment access, and other laydown/staging areas, as needed.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.03179455,-83.0501998166232,14z>



Counties: Franklin County, Ohio

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

CLAMS

NAME	STATUS
Clubshell <i>Pleurobema clava</i> Population: Wherever found; Except where listed as Experimental Populations No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3789	Endangered
Northern Riffleshell <i>Epioblasma rangiana</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/527	Endangered
Rayed Bean <i>Villosa fabalis</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5862	Endangered
Salamander Mussel <i>Simpsonaias ambigua</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6208	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Christian Cortez
Address: 530 W Spring St.
Address Line 2: Suite 100
City: Columbus
State: OH
Zip: 43215
Email: ccortez@burnsmcd.com
Phone: 7143514228



**Department of
Natural Resources**
ohiodnr.gov

ATTACHMENT C

Mike DeWine, Governor
Jim Tressel, Lt. Governor
Mary Mertz, Director

Office of Real Estate & Land Management

Tara Paciorek - Chief
2045 Morse Road – E-2
Columbus, Ohio 43229-6693

March 18, 2026

Christian Cortez
Burns & McDonnell
530 West Spring Street, Suite 100
Columbus, Ohio 43215

Re: 26-0327_NCHP Phase 4 Pipeline System Replacement

Project: The proposed project involves the replacement of approximately 4.6 miles of 20-inch pipeline, a station design, and five later connections to five existing stations.

Location: The proposed project is located in Perry and Sharon townships, Franklin County, Ohio.

Center Coordinates: (40.0635, -83.0429)

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state, or federal agency nor relieve the applicant of the obligation to comply with any local, state, or federal laws or regulations.

Natural Heritage Database: The Natural Heritage Database has the following data within one mile of the project area:

American Sweet-flag (*Acorus americanus*), P
Lark Sparrow (*Chondestes grammacus*), E
Elktoe (*Alasmidonta marginata*), SC
Eastern Ringtail (*Erpetogomphus designatus*), SC
Wavy-rayed Lampmussel (*Lampsilis fasciola*), SC
Round Pigtoe (*Pleurobema sintoxia*), SC
Kidneyshell (*Ptychobranchus fasciolaris*), SC

Conservation status abbreviations are as follows: E = state endangered; T = state threatened; P = state potentially threatened; SC = state species of concern; SI = state special interest; U = state status under review; X = presumed extirpated in Ohio; FE = federally endangered, and FT = federally threatened. The review was performed on the specified project area as well as an additional one-mile radius. Records searched date from 1980. Features searched include locations of rare and endangered plants and

animals determined to be of value to the conservation of their species, high quality plant communities, animal breeding assemblages, and outstanding geological features.

The species listed above are not recorded within the boundaries of the specified project area. However, please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for an area is not a statement that rare species or unique features are absent from that area.

Fish and Wildlife: The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that Best Management Practices be utilized to minimize erosion and sedimentation.

The project is within the vicinity of records for the little brown bat (*Myotis lucifugus*), a state endangered species. Because presence of state endangered bat species has been established in the area, summer tree clearing is not recommended, and additional summer surveys would not constitute presence/absence in the area. However, limited summer tree clearing inside this buffer may be acceptable after further consultation with DOW (contact Eileen Wyza at Eileen.Wyza@dnr.ohio.gov).

In addition, the entire state of Ohio is within the range of the Indiana bat (*Myotis sodalis*), a state endangered and federally endangered species, the northern long-eared bat (*Myotis septentrionalis*), a state endangered and federally endangered species, the little brown bat (*Myotis lucifugus*), a state endangered species, and the tricolored bat (*Perimyotis subflavus*), a state endangered species. During the spring and summer (April 1 through September 30), these bat species predominately roost in trees behind loose, exfoliating bark, in crevices and cavities, or in clusters of dead leaves on tree limbs. However, these species are also dependent on the forest structure surrounding roost trees. The DOW recommends tree and/or tree limb clearing only occur from October 1 through March 31, conserving trees with loose, shaggy bark and/or crevices, holes, or cavities, as well as trees with a Diameter Breast Height (DBH) $\geq 20''$ if possible.

For every project, the DOW also recommends that a winter bat habitat assessment is conducted to determine if potential hibernacula are present within the project area. This is to limit possible disturbances that seasonal tree clearing and/or subsurface work (e.g., trenching, blasting, etc.) may cause to hibernating bats. Potential hibernacula include rocky outcroppings, caves, and underground mines. Direction on how to conduct winter habitat assessments can be found in the joint guidance [OHIO DIVISION OF WILDLIFE AND U.S. FISH AND WILDLIFE SERVICE \(OH-FIELD OFFICE\) JOINT GUIDANCE FOR BAT SURVEYS](#). If a potential or known hibernaculum is found, the DOW recommends a 0.25-mile permanent tree clearing buffer around the hibernaculum entrance. Limited summer or winter tree clearing may be acceptable after consultation with the DOW. If a habitat assessment for projects involving subsurface disturbance finds that a potential hibernaculum is present within 5 miles of the project area, please consult with Eileen Wyza for project recommendations. If no tree clearing or subsurface impacts to a hibernaculum are proposed, this project is not likely to impact these species.

The project is within the range of the following listed mussel species.

Federally Endangered

clubshell (*Pleurobema clava*)
 rayed bean (*Villosa fabalis*)
 northern riffleshell (*Epioblasma torulosa rangiana*)
 snuffbox (*Epioblasma triquetra*)
 purple cat's paw (*Epioblasma obliquata*)

Federally Threatened

rabbitsfoot (*Theliderma cylindrica*)

State Endangered

elephant-ear (*Elliptio crassidens crassidens*)
 pocketbook (*Lampsilis ovata*)
 long solid (*Fusconaia subrotunda*)
 washboard (*Megalonaias nervosa*)
 Ohio pigtoe (*Pleurobema cordatum*)

State Threatened

pondhorn (*Uniomerus tetralasmus*)
 Salamander Mussel (*Simpsonaias ambigua*)

Due to the location, and that there is no in-water work proposed in a perennial stream of sufficient size, this project is not likely to impact these species.

The project is within the range of the following listed fish species.

State Endangered

goldeye (*Hiodon alosoides*)
 shortnose gar (*Lepisosteus platostomus*)
 Iowa darter (*Etheostoma exile*)
 spotted darter (*Etheostoma maculatum*)
 northern brook lamprey (*Ichthyomyzon fossor*)
 tonguetied minnow (*Exoglossum laurae*)
 popeye shiner (*Notropis ariommus*)

State Threatened

lake chubsucker (*Erimyzon sucetta*)
 paddlefish (*Polyodon spathula*)

The DOW recommends no in-water work in perennial streams from March 15 through June 30 to reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed in a perennial stream, this project is not likely to impact these or other aquatic species.

The project is within the range of the upland sandpiper (*Bartramia longicauda*), a state endangered bird. Nesting upland sandpipers utilize dry grasslands including native grasslands, seeded grasslands, grazed and ungrazed pasture, hayfields, and grasslands established through the Conservation Reserve Program (CRP). If this type of habitat will be impacted, construction should be avoided in this habitat during the

species' nesting period of April 15 through July 31. If this type of habitat will not be impacted, the project is not likely to impact this species.

Due to the potential for impacts to federally listed species, as well as to state-listed species, we recommend that this project be coordinated with the US Fish & Wildlife Service.

Water Resources: The Division of Water Resources has not conducted a project specific review and/or comments, however, the guidance provided below should be reviewed by the Environmental Review applicant for applicability on this project and subsequent compliance.

If the subject project is in a floodplain regulated by the Federal Emergency Management Agency (FEMA), the [local floodplain administrator](#) should be contacted concerning the possible need for any floodplain permits or approvals. The FEMA National Flood Hazard Layer (NHFL) Viewer [website](#) can be utilized to see if the project is in a FEMA regulated floodplain. If the project is not in a FEMA regulated floodplain, then no further action is required.

Ohio Revised Code (ORC) Section 1521.16 mandates that any owner of a property or a facility that has the capacity of withdrawing 100,000 gallons per day (gpd) of water from groundwater, surface water, or both must register with the Division of Water Resources' [Water Withdrawal Facilities Registration \(WWFR\) Program](#) and report their withdrawals annually.

Additional coordination may be required depending on the location of the withdrawal and consumptive use. Restrictions or permitting may be required for:

- New or increased consumptive use of water averaging 2 million gallons per day (mgd) within 30 days within the Ohio River basin.
- New or increased withdrawal and consumptive water use in the Lake Erie watershed averaging 1 million gallons per day (mgd) or more in 90 days.
- New or increased water withdrawal directly from Lake Erie averaging 2.5 million gallons per day (mgd) or more in 90 days.
- Diversion or movement of water across the Ohio River and Lake Erie basin divide.

If the project does not involve activities that are subject to water withdrawal regulatory requirements as described above, then no further action is required. For more information, visit the [Water Inventory & Planning website](#).

ODNR appreciates the opportunity to provide these comments. Please contact Mike Pettegrew (Environmental Services Administrator) at mike.pettegrew@dnr.ohio.gov if you have questions about these comments or need additional information.

Expiration: *ODNR Environmental Reviews are typically valid for 2 years from the issuance date. If the scope of work, project area, construction limits, and/or anticipated impacts to natural resources have changed significantly from the original project submittal, then a new Environmental Review request should be submitted.*



2/23/2026

Attention: Mike Pettegrew
ODNR Office of Real Estate & Land Management
2045 Morse Road, Building E-2
Columbus, OH 43229

Via email: environmentalreviewrequest@dnr.state.oh.us

Re: Project Review Request
NCHP Phase 4 Pipeline System Replacement Project
Franklin County, Ohio

Dear Mr. Pettegrew,

NiSource is formally requesting an updated review from the Ohio Department of Natural Resources (ODNR) for the proposed North Columbus High Pressure Pipeline (NCHP) Phase 4 Pipeline System Replacement Project located in Franklin County, Ohio (Figure 1). The Project is within the City of Columbus and Upper Arlington, as well as Perry Township, Franklin County, Ohio. Phase 4 includes the replacement of approximately 4.6 miles of 20-inch pipeline, a station design, and five later connections to five existing stations.

The Project was previously submitted for review to the ODNR on June 27, 2025. A letter response (Attachment 1) received on July 28, 2025 (Re: 25-0985_NCHP Phase 4) recommended impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, along with no in-water work in perennial streams from March 15 through June 30 to reduce impacts to indigenous aquatic species and their habitat. The ODNR also recommended tree clearing to only occur from October 1 through March 31, along with a winter bat habitat assessment to be conducted to determine if potential hibernacula are present.

The Project has been updated with a slight adjustment to the proposed main pipeline, now passing through Circle Drive and Shuster Road. This location is marked with a green boundary on Figure 1.

Please provide us with the results of an updated environmental review from the ODNR, including results of the ODNR Natural Heritage Database search, at your earliest convenience. For ease of review, we have included a project location map (Figure 1), shapefiles of the project Survey Area, the previous ODNR letter (Attachment 1), and Franklin County state species list (Attachment 2).



If you have questions or need additional information regarding the Project, please contact me at the phone number or email below. Thank you for your assistance with this request.

Sincerely,

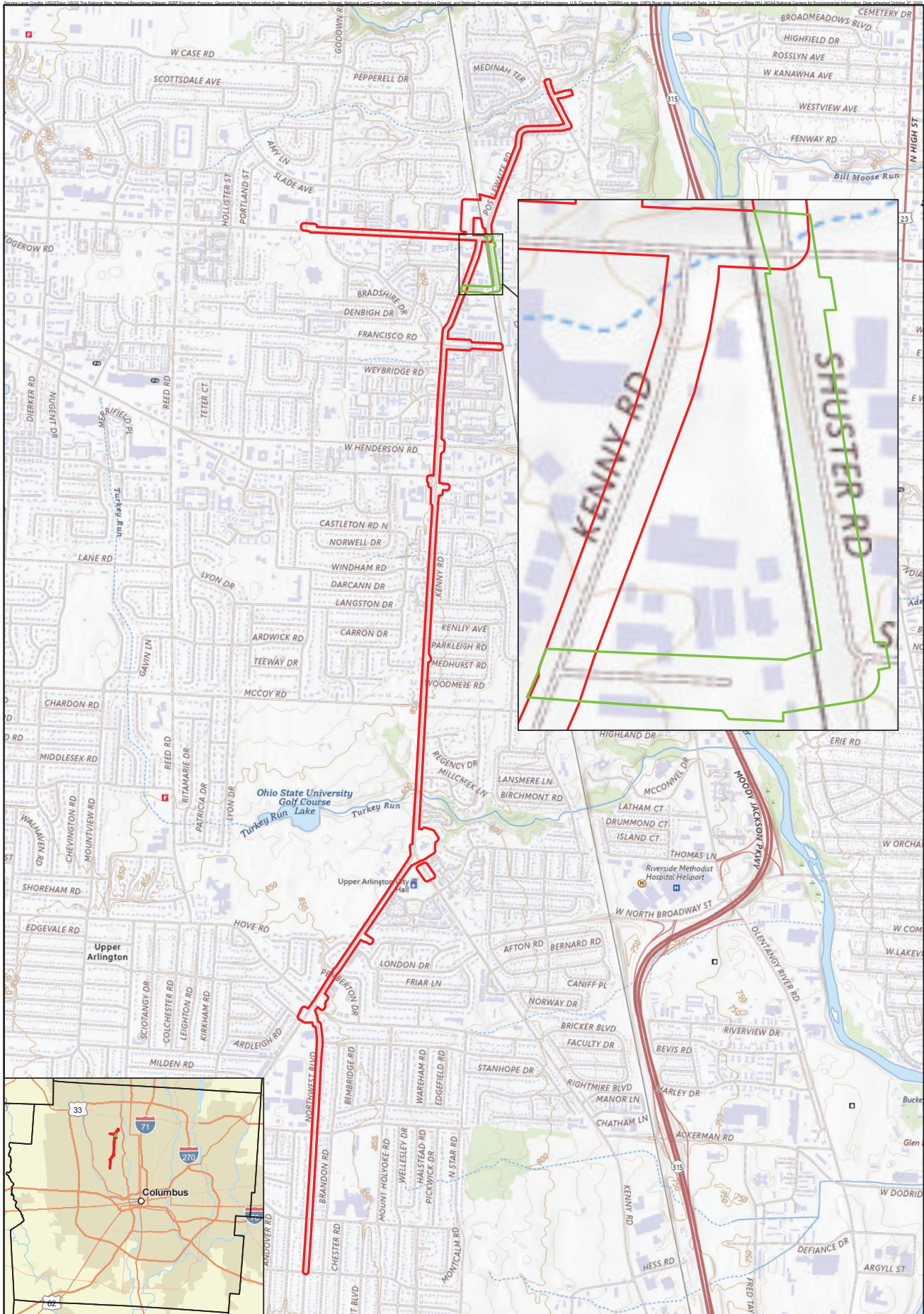
A handwritten signature in blue ink that reads "Brooke Harrison".

Brooke Harrison
Project Manager
bharrison@burnsmcd.com
(380) 390-2516

Burns & McDonnell
Attn. Brooke Harrison
530 West Spring Street, Suite 100
Columbus, OH 43215

Cc:
Christian Cortez, Burns & McDonnell





▭ New Survey Area
▭ Existing Survey Area

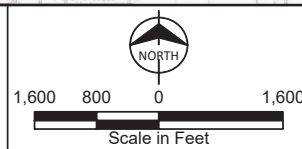


Figure 1: Vicinity Map
 NCHP Phase 4 Pipeline
 System Replacement Project
 NiSource
 Franklin County, OH



**Department of
Natural Resources**
ohiodnr.gov

ATTACHMENT C

Mike DeWine, Governor
Jim Tressel, Lt. Governor
Mary Mertz, Director

Office of Real Estate & Land Management

Tara Paciorek - Chief
2045 Morse Road – E-2
Columbus, Ohio 43229-6693

July 28, 2025

Antonio Hornstein
Burns & McDonnell
530 West Spring Street, Suite 200
Columbus, Ohio 43215

Re: 25-0985_NCHP Phase 4

Project: The proposed project involves the replacement of approximately 4.6 miles of 20-inch pipeline, a station design, and five lateral connections to five district stations.

Location: The proposed project is located in Perry and Sharon townships, Franklin County, Ohio.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state, or federal agency nor relieve the applicant of the obligation to comply with any local, state, or federal laws or regulations.

Natural Heritage Database: The Natural Heritage Database has the following data within one mile of the project area:

American Sweet-flag (*Acorus americanus*), P
Lark Sparrow (*Chondestes grammacus*), E
Elktoe (*Alasmodonta marginata*), SC
Eastern Ringtail (*Erpetogomphus designatus*), SC
Wavy-rayed Lampmussel (*Lampsilis fasciola*), SC
Round Pigtoe (*Pleurobema sintoxia*), SC
Kidneyshell (*Ptychobranchnus fasciolaris*), SC

Conservation status abbreviations are as follows: E = state endangered; T = state threatened; P = state potentially threatened; SC = state species of concern; SI = state special interest; U = state status under review; X = presumed extirpated in Ohio; FE = federally endangered, and FT = federally threatened. The review was performed on the specified project area as well as an additional one-mile radius. Records searched date from 1980. Features searched include locations of rare and endangered plants and animals determined to be of value to the conservation of their species, high quality plant communities, animal breeding assemblages, and outstanding geological features.

The species listed above are not recorded within the boundaries of the specified project area. However, please note that Ohio has not been completely surveyed and we rely on receiving information from many sources. Therefore, a lack of records for an area is not a statement that rare species or unique features are absent from that area.

Fish and Wildlife: The Division of Wildlife (DOW) has the following comments.

The DOW recommends that impacts to streams, wetlands and other water resources be avoided and minimized to the fullest extent possible, and that Best Management Practices be utilized to minimize erosion and sedimentation.

The project is within the vicinity of records for the little brown bat (*Myotis lucifugus*), a state endangered species. Because presence of state endangered bat species has been established in the area, summer tree clearing is not recommended, and additional summer surveys would not constitute presence/absence in the area. However, limited summer tree clearing inside this buffer may be acceptable after further consultation with DOW (contact Eileen Wyza at Eileen.Wyza@dnr.ohio.gov).

In addition, the entire state of Ohio is within the range of the Indiana bat (*Myotis sodalis*), a state endangered and federally endangered species, the northern long-eared bat (*Myotis septentrionalis*), a state endangered and federally endangered species, the little brown bat (*Myotis lucifugus*), a state endangered species, and the tricolored bat (*Perimyotis subflavus*), a state endangered species. During the spring and summer (April 1 through September 30), these bat species predominately roost in trees behind loose, exfoliating bark, in crevices and cavities, or in clusters of dead leaves on tree limbs. However, these species are also dependent on the forest structure surrounding roost trees. The DOW recommends tree and/or tree limb clearing only occur from October 1 through March 31, conserving trees with loose, shaggy bark and/or crevices, holes, or cavities, as well as trees with a Diameter Breast Height (DBH) ≥ 20 " if possible.

For every project, the DOW also recommends that a winter bat habitat assessment is conducted to determine if potential hibernacula are present within the project area. This is to limit possible disturbances that seasonal tree clearing and/or subsurface work (e.g., trenching, blasting, etc.) may cause to hibernating bats. Potential hibernacula include rocky outcroppings, caves, and underground mines. Direction on how to conduct winter habitat assessments can be found in the joint guidance [OHIO DIVISION OF WILDLIFE AND U.S. FISH AND WILDLIFE SERVICE \(OH-FIELD OFFICE\) JOINT GUIDANCE FOR BAT SURVEYS](#). If a potential or known hibernaculum is found, the DOW recommends a 0.25-mile permanent tree clearing buffer around the hibernaculum entrance. Limited summer or winter tree clearing may be acceptable after consultation with the DOW. If a habitat assessment for projects involving subsurface disturbance finds that a potential hibernaculum is present within 5 miles of the project area, please consult with Eileen Wyza for project recommendations. If no tree clearing or subsurface impacts to a hibernaculum are proposed, this project is not likely to impact these species.

The project is within the range of the following listed mussel species.

Federally Endangered

clubshell (*Pleurobema clava*)

rayed bean (*Villosa fabalis*)

northern riffleshell (*Epioblasma torulosa rangiana*)

snuffbox (*Epioblasma triquetra*)

purple cat's paw (*Epioblasma obliquata*)

Federally Threatened

rabbitsfoot (*Theliderma cylindrica*)

State Endangered

elephant-ear (*Elliptio crassidens crassidens*)

pocketbook (*Lampsilis ovata*)

long solid (*Fusconaia subrotunda*)

washboard (*Megalonaias nervosa*)

Ohio pigtoe (*Pleurobema cordatum*)

State Threatened

pondhorn (*Unio merus tetralasmus*)

Salamander Mussel (*Simpsonaias ambigua*)

Due to the location, and that there is no in-water work proposed in a perennial stream of sufficient size, this project is not likely to impact these species.

The project is within the range of the following listed fish species.

State Endangered

goldeye (*Hiodon alosoides*)

shortnose gar (*Lepisosteus platostomus*)

Iowa darter (*Etheostoma exile*)

spotted darter (*Etheostoma maculatum*)

northern brook lamprey (*Ichthyomyzon fossor*)

tonguetied minnow (*Exoglossum laurae*)

popeye shiner (*Notropis ariommus*)

State Threatened

lake chubsucker (*Erimyzon sucetta*)

paddlefish (*Polyodon spathula*)

The DOW recommends no in-water work in perennial streams from March 15 through June 30 to reduce impacts to indigenous aquatic species and their habitat. If no in-water work is proposed in a perennial stream, this project is not likely to impact these or other aquatic species.

The project is within the range of the sandhill crane (*Antigone canadensis*), a state threatened species. Sandhill cranes are primarily a wetland-dependent species. On their wintering grounds, they will utilize agricultural fields; however, they roost in shallow, standing water or moist bottomlands. On breeding grounds they require a rather large tract of wet meadow, shallow marsh, or bog for nesting. If grassland, prairie, or wetland habitat will be impacted, construction should be avoided in this habitat during the species' nesting period of April 1 through August 31. If this habitat will not be impacted, this project is not likely to have an impact on this species.

The project is within the range of the upland sandpiper (*Bartramia longicauda*), a state endangered bird. Nesting upland sandpipers utilize dry grasslands including native grasslands, seeded grasslands, grazed and ungrazed pasture, hayfields, and grasslands established through the Conservation Reserve Program (CRP). If this type of habitat will be impacted, construction should be avoided in this habitat during the

species' nesting period of April 15 through July 31. If this type of habitat will not be impacted, the project is not likely to impact this species.

Due to the potential for impacts to federally listed species, as well as to state listed species, we recommend that this project be coordinated with the US Fish & Wildlife Service.

Water Resources: The Division of Water Resources has not conducted a project specific review and/or comments, however, the guidance provided below should be reviewed by the Environmental Review applicant for applicability on this project and subsequent compliance.

If the subject project is in a floodplain regulated by the Federal Emergency Management Agency (FEMA), the [local floodplain administrator](#) should be contacted concerning the possible need for any floodplain permits or approvals. The FEMA National Flood Hazard Layer (NHFL) Viewer [website](#) can be utilized to see if the project is in a FEMA regulated floodplain. If the project is not in a FEMA regulated floodplain, then no further action is required.

Ohio Revised Code (ORC) Section 1521.16 mandates that any owner of a property or a facility that has the capacity of withdrawing 100,000 gallons per day (gpd) of water from groundwater, surface water, or both must register with the Division of Water Resources' [Water Withdrawal Facilities Registration \(WWFR\) Program](#) and report their withdrawals annually.

Additional coordination may be required depending on the location of the withdrawal and consumptive use. Restrictions or permitting may be required for:

- New or increased consumptive use of water over 2 million gallons per day (mpg) within 30 days at a facility within the Ohio River basin.
- New or increased withdrawal and consumptive water use in the Lake Erie watershed averaging 1 million gallons per day (mpg) or more in 90 days.
- New or increased water withdrawal directly from Lake Erie averaging 2.5 million gallons per day (mpg) or more in 90 days.
- Diversion or movement of water across the Ohio River and Lake Erie basin divide.

If the project does not involve activities that are subject to water withdrawal regulatory requirements as described above, then no further action is required. For more information, visit the [Water Inventory & Planning website](#).

ODNR appreciates the opportunity to provide these comments. Please contact Mike Pettegrew (Environmental Services Administrator) at mike.pettegrew@dnr.ohio.gov if you have questions about these comments or need additional information.

Expiration: *ODNR Environmental Reviews are typically valid for 2 years from the issuance date. If the scope of work, project area, construction limits, and/or anticipated impacts to natural resources have changed significantly from the original project submittal, then a new Environmental Review request should be submitted.*

Franklin County State Listed Animal Species

Common Name	Scientific Name	Group	State Status	Federal Status
Blanchard's Cricket Frog	<i>Acris blanchardi</i>	Amphibian	Species of Concern	
Green-winged Teal	<i>Anas crecca</i>	Bird	Special Interest	
Sandhill Crane	<i>Antigone canadensis</i>	Bird	Threatened	
Great Egret	<i>Ardea alba</i>	Bird	Species of Concern	
Upland Sandpiper	<i>Bartramia longicauda</i>	Bird	Endangered	
American Bittern	<i>Botaurus lentiginosus</i>	Bird	Endangered	
Lark Sparrow	<i>Chondestes grammacus</i>	Bird	Endangered	
Least Bittern	<i>Ixobrychus exilis</i>	Bird	Threatened	
Yellow-crowned Night-heron	<i>Nyctanassa violacea</i>	Bird	Special Interest	
Prothonotary Warbler	<i>Protonotaria citrea</i>	Bird	Species of Concern	
Barn Owl	<i>Tyto alba</i>	Bird	Threatened	
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	Bird	Special Interest	
Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	Damselfly	Species of Concern	
Eastern Ringtail	<i>Erpetogomphus designatus</i>	Dragonfly	Species of Concern	



Data from the Ohio Natural Heritage Database

Species reported extant in county since 1980

6/23/2023



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[State Listed Species | Ohio Department of Natural Resources \(ohiodnr.gov\)](https://ohiodnr.gov)

Common Name	Scientific Name	Group	State Status	Federal Status
Stygian Shadowdragon	<i>Neurocordulia yamaskanensis</i>	Dragonfly	Endangered	
Lake Chubsucker	<i>Erimyzon sucetta</i>	Fish	Threatened	
Muskellunge	<i>Esox masquinongy</i>	Fish	Species of Concern	
Iowa Darter	<i>Etheostoma exile</i>	Fish	Endangered	
Spotted Darter	<i>Etheostoma maculatum</i>	Fish	Endangered	
Tippecanoe Darter	<i>Etheostoma tippecanoe</i>	Fish	Species of Concern	
Shortnose Gar	<i>Lepisosteus platostomus</i>	Fish	Endangered	
Blacknose Shiner	<i>Notropis heterolepis</i>	Fish	Endangered	
Paddlefish	<i>Polyodon spathula</i>	Fish	Threatened	
Deer Mouse	<i>Peromyscus maniculatus</i>	Mammal	Species of Concern	
American Badger	<i>Taxidea taxus</i>	Mammal	Species of Concern	
Elktoe	<i>Alasmidonta marginata</i>	Mollusk	Species of Concern	
Slippershell Mussel	<i>Alasmidonta viridis</i>	Mollusk	Threatened	
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Mollusk	Species of Concern	
Elephant-ear	<i>Elliptio crassidens</i>	Mollusk	Endangered	
Northern Riffleshell	<i>Epioblasma rangiana</i>	Mollusk	Endangered	Endangered



Data from the Ohio Natural Heritage Database
Species reported extant in county since 1980
6/23/2023



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Common Name	Scientific Name	Group	State Status	Federal Status
Snuffbox	<i>Epioblasma triquetra</i>	Mollusk	Endangered	Endangered
Wavy-rayed Lampmussel	<i>Lampsilis fasciola</i>	Mollusk	Species of Concern	
Pocketbook	<i>Lampsilis ovata</i>	Mollusk	Endangered	
Creek Heelsplitter	<i>Lasmigona compressa</i>	Mollusk	Species of Concern	
Black Sandshell	<i>Ligumia recta</i>	Mollusk	Species of Concern	
Washboard	<i>Megaloniaias nervosa</i>	Mollusk	Endangered	
Threehorn Wartyback	<i>Obliquaria reflexa</i>	Mollusk	Species of Concern	
Round Hickorynut	<i>Obovaria subrotunda</i>	Mollusk	Threatened	
Clubshell	<i>Pleurobema clava</i>	Mollusk	Endangered	Endangered
Round Pigtoe	<i>Pleurobema sintoxia</i>	Mollusk	Species of Concern	
Kidneyshell	<i>Ptychobranchnus fasciolaris</i>	Mollusk	Species of Concern	
Salamander Mussel	<i>Simpsonaias ambigua</i>	Mollusk	Threatened	
Rabbitsfoot	<i>Theliderma cylindrica</i>	Mollusk	Endangered	Threatened
Fawnsfoot	<i>Truncilla donaciformis</i>	Mollusk	Species of Concern	
Deertoe	<i>Truncilla truncata</i>	Mollusk	Species of Concern	
Pondhorn	<i>Uniomerus tetralasmus</i>	Mollusk	Threatened	



Data from the Ohio Natural Heritage Database

Species reported extant in county since 1980

6/23/2023



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[State Listed Species | Ohio Department of Natural Resources \(ohiodnr.gov\)](https://ohiodnr.gov)

Common Name	Scientific Name	Group	State Status	Federal Status
Rayed Bean	<i>Villosa fabalis</i>	Mollusk	Endangered	Endangered
Rainbow	<i>Villosa iris</i>	Mollusk	Species of Concern	
Smooth Greensnake	<i>Opheodrys vernalis</i>	Reptile	Endangered	
Queensnake	<i>Regina septemvittata</i>	Reptile	Species of Concern	



Data from the Ohio Natural Heritage Database
 Species reported extant in county since 1980
 6/23/2023



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[State Listed Species | Ohio Department of Natural Resources \(ohiodnr.gov\)](https://ohiodnr.gov)

Franklin County State Listed Plant Species

<u>Common name</u>	<u>Scientific name</u>	<u>Last Observed</u>	<u>Category</u>	<u>State Status</u>	<u>Federal Status</u>
American Sweet-flag	<i>Acorus americanus</i>	1989	Vascular Plant	P	
Gattinger's-foxglove	<i>Agalinis gattingeri</i>	2017	Vascular Plant	T	
Spreading Rock Cress	<i>Arabis patens</i>	2022	Vascular Plant	E	
Southern Hairy Rock Cress	<i>Arabis pycnocarpa</i> var. <i>adpressipilis</i>	2023	Vascular Plant	P	
Prairie False Indigo	<i>Baptisia lactea</i>	2017	Vascular Plant	P	
Prairie Brome	<i>Bromus kalmii</i>	2019	Vascular Plant	P	
Cypress-knee Sedge	<i>Carex decomposita</i>	2006	Vascular Plant	E	
Tall Larkspur	<i>Delphinium exaltatum</i>	2008	Vascular Plant	P	
Scaly Blazing-star	<i>Liatris squarrosa</i>	2019	Vascular Plant	P	
Showy Goldenrod	<i>Solidago speciosa</i>	2019	Vascular Plant	T	
Arbor Vitae	<i>Thuja occidentalis</i>	2001	Vascular Plant	P	
Three-birds Orchid	<i>Triphora trianthophoros</i>	1981	Vascular Plant	P	
Rock Elm	<i>Ulmus thomasii</i>	2010	Vascular Plant	P	

Data source: Ohio Natural Heritage Database
 Species reported extant in county since 1980
 Date accessed: 2/6/2025

State Status:

E = Endangered P = Potentially Threatened
 T = Threatened U = Status Under Review
 X = Extirpated

Federal Status:

FE = Federally Endangered
 FT = Federally Threatened



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