United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 298-4396

In Reply Refer To: 08/11/2026 14:44:21 UTC
Project Code: 2026-0130146
Project Name: Gettysburg NMP and Eisenhower NHS Trails Plan EA

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. 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

- USFWS National Wildlife Refuges and Fish Hatcheries

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:

Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
(814) 298-4396

PROJECT SUMMARY

Project Code: 2026-0130146

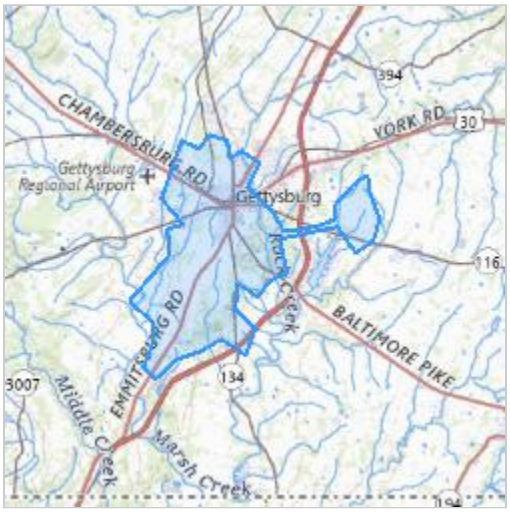
Project Name: Gettysburg NMP and Eisenhower NHS Trails Plan EA

Project Type: Recreation - Maintenance / Modification

Project Description: The National Park Service (NPS) seeks to improve visitor access to the parks' interpretive sites, and connections between the two parks by integrating existing trails with new trail alignments to create a network of trails that reduce reliance on vehicles while minimizing impacts to the battlefield, natural resources, and commemorative-era landscapes. NPS would adopt a Comprehensive Trails Plan for Gettysburg NMP and Eisenhower NHS, which would occur over a 10- to 15-year period. During this phased buildout, operational responsibilities would be managed through a structured approach that assigns and updates roles as new trails come online, ensuring that each phase is supported by appropriate oversight and resources. The Trails Plan includes constructing new multi-use and pedestrian trails, rerouting existing equestrian trails, and adding interpretive trailheads. The Trails Plan would also eliminate social trails and close specific park avenues to increase safety and connectivity.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.8086678,-77.23587891639893,14z



Counties: Adams County, Pennsylvania

ENDANGERED SPECIES ACT SPECIES

There is a total of 6 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 Fisheries[1], 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.

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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 *Myotis sodalis* 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
Northern Long-Eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored bat *Perimyotis subflavus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered
Virginia big-eared bat *Corynorhinus (=Plecotus) townsendii virginianus* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8369	Endangered

CLAMS

NAME	STATUS
Green floater *Lasmigona subviridis* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7541	Proposed Threatened

INSECTS

NAME	STATUS
Monarch butterfly *Danaus plexippus* 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.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Department of Transportation
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City: Hadley
State: MA
Zip: 01035
Email thomasbonetti11@gmail.com
Phone: 4135440621

LEAD AGENCY CONTACT INFORMATION

Lead Agency: National Park Service
Name: Thomas Bonetti
Email: thomas.bonetti@dot.gov
Phone: 4135440621

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
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Phone: (814) 298-4396

In Reply Refer To: 08/11/2026 15:39:02 UTC
Project code: 2026-0130146
Project Name: Gettysburg NMP and Eisenhower NHS Trails Plan EA

Federal Nexus: yes
Federal Action Agency (if applicable): National Park Service

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Gettysburg NMP and Eisenhower NHS Trails Plan EA'

Dear Thomas Bonetti:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on August 11, 2026, for 'Gettysburg NMP and Eisenhower NHS Trails Plan EA' (here forward, Project). This project has been assigned Project Code 2026-0130146 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements may not be complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid. Note that conservation measures for northern long-eared bat and tricolored bat may differ. If both bat species are present in the action area and the key suggests more conservative measures for one of the species for your Project, the Project may need to apply the most conservative measures in order to avoid adverse effects. If unsure which conservation measures should be applied, please contact the appropriate Ecological Services Field Office.***

Determination for the Northern Long-Eared Bat and Tricolored Bat

Based on your IPaC submission and a standing analysis completed by the Service, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Northern Long-Eared Bat (*Myotis septentrionalis*)	Endangered	NLAA
Tricolored bat (*Perimyotis subflavus*)	Proposed Endangered	NLAA

Federal agencies must consult with U.S. Fish and Wildlife Service under section 7(a)(2) of the Endangered Species Act (ESA) when an action *may affect* a listed species. Tricolored bat is proposed for listing as endangered under the ESA, but not yet listed. For actions that may affect a proposed species, agencies cannot consult, but they can *confer* under the authority of section 7(a)(4) of the ESA. Such conferences can follow the procedures for a consultation and be adopted as such if and when the proposed species is listed. Should the tricolored bat be listed, agencies must review projects that are not yet complete, or projects with ongoing effects within the tricolored bat range that previously received a NE or NLAA determination from the key to confirm that the determination is still accurate.

Unless the Service advises you within 15 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that consultation on the Action is complete for northern long-eared bat and/or tricolored bat and no further action is necessary unless either of the following occurs:

- new information reveals effects of the action that may affect the northern long-eared bat or tricolored bat in a manner or to an extent not previously considered; or,
- the identified action is subsequently modified in a manner that causes an effect to the northern long-eared bat or tricolored bat that was not considered when completing the determination key.

15-Day Review Period

As indicated above, the Service will notify you within 15 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for the northern long-eared bat and/or tricolored bat. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the identified Ecological Services Field Office to apply local knowledge to evaluation of the Action, as we may identify a small subset of actions having impacts that we did not anticipate when developing the key. In such cases, the identified Ecological Services Field Office may request additional information to verify the effects determination reached through the Northern Long-eared Bat and Tricolored Bat DKey.

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Green floater *Lasmigona subviridis* Proposed Threatened
- Indiana bat *Myotis sodalis* Endangered
- Monarch butterfly *Danaus plexippus* Proposed Threatened
- Virginia big-eared bat *Corynorhinus (=Plecotus) townsendii virginianus* Endangered

You may coordinate with our Office to determine whether the Action may affect the species and/or critical habitat listed above. Note that reinitiation of consultation would be necessary if a new species is listed or critical habitat designated that may be affected by the identified action before it is complete.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference Project Code 2026-0130146 associated with this Project.

Action Description
You provided to IPaC the following name and description for the subject Action.

1. Name

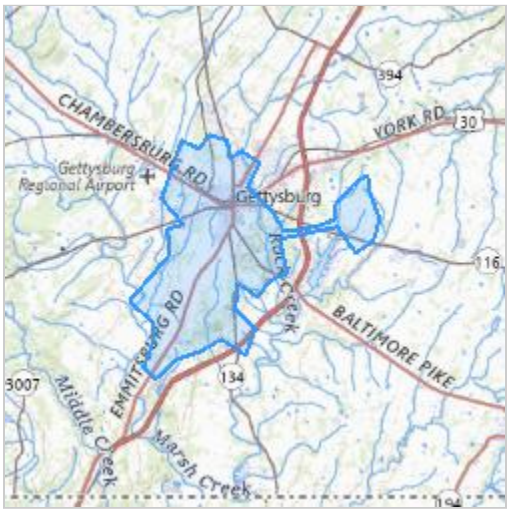
Gettysburg NMP and Eisenhower NHS Trails Plan EA

2. Description

The following description was provided for the project 'Gettysburg NMP and Eisenhower NHS Trails Plan EA':

> The National Park Service (NPS) seeks to improve visitor access to the parks' interpretive sites, and connections between the two parks by integrating existing trails with new trail alignments to create a network of trails that reduce reliance on vehicles while minimizing impacts to the battlefield, natural resources, and commemorative-era landscapes. NPS would adopt a Comprehensive Trails Plan for Gettysburg NMP and Eisenhower NHS, which would occur over a 10- to 15-year period. During this phased buildout, operational responsibilities would be managed through a structured approach that assigns and updates roles as new trails come online, ensuring that each phase is supported by appropriate oversight and resources. The Trails Plan includes constructing new multi-use and pedestrian trails, rerouting existing equestrian trails, and adding interpretive trailheads. The Trails Plan would also eliminate social trails and close specific park avenues to increase safety and connectivity.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.8086678,-77.23587891639893,14z



DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect, but not likely to adversely affect” for a least one species covered by this determination key.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species that is not covered by an existing section 10 (a)(1)(A) Recovery Permit, exempted under section 4(d) or authorized by a section 6 cooperative agreement? **Note:** Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/ encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

   No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

   Automatically answered
   No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

   Automatically answered
   No

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

   No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

   Note for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

   Yes

6. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) funding or authorizing the proposed action, in whole or in part?

   No

7. Are you an employee of the federal action agency or have you been officially designated in writing by the agency as its designated non-federal representative for the purposes of Endangered Species Act Section 7 informal consultation per 50 CFR § 402.08?

   Note: This key may be used for federal actions and for non-federal actions to facilitate section 7 consultation and to help determine whether an incidental take permit may be needed, respectively. This question is for information purposes only.

   Yes

8. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)? Is the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC) funding or authorizing the proposed action, in whole or in part?

   No

9. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

   No

10. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

    Automatically answered

    No

11. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

    No

12. Does the action area contain (1) talus or (2) anthropogenic or naturally formed rock shelters or crevices in rocky outcrops, rock faces or cliffs?

    No

13. Is the action located in New England (CT, MA, ME, NH, RI, or VT)?

    No

14. Will the action cause effects to a bridge?

    Note: Covered bridges should be considered as bridges in this question.

    No

15. Will the action result in effects to a culvert or tunnel at any time of year?

    No

16. Are trees present within 1000 feet of the action area? **Note:** If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    Yes

17. Does the action include the intentional exclusion of bats from a building or building-like structure? **Note:** Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

    No

18. Does the action involve removal, modification, or maintenance of a human-made building-like structure (barn, house, or other building) **known or suspected to contain roosting bats?**

    No

19. Will the action cause construction of one or more new roads open to the public?

    For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

    No

20. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.). .

    No

21. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

    For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

    No

22. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

    Note: For information regarding NSF/ANSI 60 please visit https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects

    No

23. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

    No

24. Will the action include drilling or blasting?

    No

25. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use at night)?

    No

26. Will the proposed action involve the use of herbicides or pesticides (e.g., fungicides, insecticides, or rodenticides)?

    No

27. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season? Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining. **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    No

28. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable forested northern long-eared bat or tricolored bat roosting habitat? **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    No

29. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

    Yes

30. Is the project related to the production of coal, including projects that support the mining of coal, as well as the production and/or distribution of energy produced from coal?

    No

31. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

    No

32. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

    Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

    No

33. Does the project intersect with the 0- 9.9% forest density category?

    Automatically answered
    No

34. Does the project intersect with the 10.0- 19.9% forest density category map?

    Automatically answered
    Yes

35. Does the project intersect with the 20.0- 29.9% forest density category map?

    Automatically answered
    Yes

36. Does the project intersect with the 30.0- 100% forest density category map?

    Automatically answered
    Yes

37. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 5 acres in total extent?

    No

38. Will the proposed action result in the use of prescribed fire?

    Note: If the prescribed fire action includes other activities than application of fire (e.g., tree cutting, fire line preparation) please consider impacts from those activities within the previous representative questions in the key. This set of questions only considers impacts from flame and smoke.

    No

39. Does the action area intersect the northern long-eared bat species list area?

    Automatically answered
    Yes

40. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

41. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

42. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

    Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

    Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

    Automatically answered
    No

43. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities? If unsure, answer "Yes." **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines

    Yes

44. Are any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming suitable for northern long-eared bat roosting (i.e., live trees and/or snags ≥3 inches dbh that have exfoliating bark, cracks, crevices, and/or cavities)? **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    No

45. Does the action area intersect the tricolored bat species list area?

    Automatically answered
    Yes

46. Is the action area located within 0.5-mile of radius of an entrance/opening to any known tricolored bat hibernacula or winter roost?

    Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

    Automatically answered
    No

47. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

48. Is suitable summer habitat for the tricolored bat present within 1000 feet of project activities? (If unsure, answer ""Yes."") **Note:** If there are trees within the action area that may provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pines) answer ""Yes."" For a complete definition of suitable summer habitat for the tricolored bat, please see the Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines.

    Yes

49. Do any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming provide potential roosts for tricolored bats (e.g., clusters of leaves in live and dead deciduous trees, Spanish moss (*Tillandsia usneoides*), clusters of dead pine needles of large live pine trees)? **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    No

50. Do you have any documents that you want to include with this submission?

    No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

0.1

IPAC USER CONTACT INFORMATION

Agency: Department of Transportation
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Zip: 01035
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LEAD AGENCY CONTACT INFORMATION

Lead Agency: National Park Service
Name: Thomas Bonetti
Email: thomas.bonetti@dot.gov
Phone: 4135440621

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Ecological Services Field Office
110 Radnor Road Suite 101
State College, PA 16801-7987
Phone: (814) 298-4396

In Reply Refer To: 08/11/2026 15:30:47 UTC
Project code: 2026-0130146
Project Name: Gettysburg NMP and Eisenhower NHS Trails Plan EA

Federal Nexus: yes
Federal Action Agency (if applicable): National Park Service

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Gettysburg NMP and Eisenhower NHS Trails Plan EA'

Dear Thomas Bonetti:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on August 11, 2026, for "Gettysburg NMP and Eisenhower NHS Trails Plan EA" (here forward, Project). This project has been assigned Project Code 2026-0130146 and all future correspondence should clearly reference this number.

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into the IPaC must accurately represent the full scope and details of the Project. Failure to accurately represent or implement the Project as detailed in IPaC or the Northeast Indiana Bat Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.***

The IPaC results indicated the following species is (are) potentially present in your project area and, based on your responses to the Service's Northeast Indiana Bat DKey, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Indiana bat (*Myotis sodalis*)	Endangered	NLAA

Conclusion
The Service concurs to the above-mentioned determination(s) of may affect, not likely to adversely affect. This concurrence confirms receipt of your agencies coordination required under Section 7(a)(2) of the ESA.

The Service will notify you within 30 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for Indiana bat in the Northeast. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the identified Ecological Services Field Office to apply local knowledge to evaluation of the Action, as we may identify a small subset of actions having impacts that were unanticipated. In such instances, the identified Ecological Services Field Office may request additional information to verify the effects determination reached through the Northeast Indiana Bat DKey.

Other Species and Critical Habitat that May be Present in the Action Area

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and are not covered by this conclusion:

- Green floater *Lasmigona subviridis* Proposed Threatened
- Monarch butterfly *Danaus plexippus* Proposed Threatened
- Northern Long-Eared Bat *Myotis septentrionalis* Endangered
- Tricolored bat *Perimyotis subflavus* Proposed Endangered
- Virginia big-eared bat *Corynorhinus (=Plecotus) townsendii virginianus* Endangered

If no changes occur with the Project or there are no updates on listed species, no further consultation/coordination for this project is required for the species identified above. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional consultation with the Service should take place before project implements any changes which are final or commits additional resources.

Please Note: If the Action may impact bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act (BGEPA) (54 Stat. 250, as amended, 16 U.S.C. 668a-d) by the prospective permittee may be required. Please contact the Migratory Birds Permit Office, (413) 253-8643, or PermitsR5MB@fws.gov, with any questions regarding potential impacts to Eagles.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference the Project Code associated with this Project.

Action Description
You provided to IPaC the following name and description for the subject Action.

1. Name

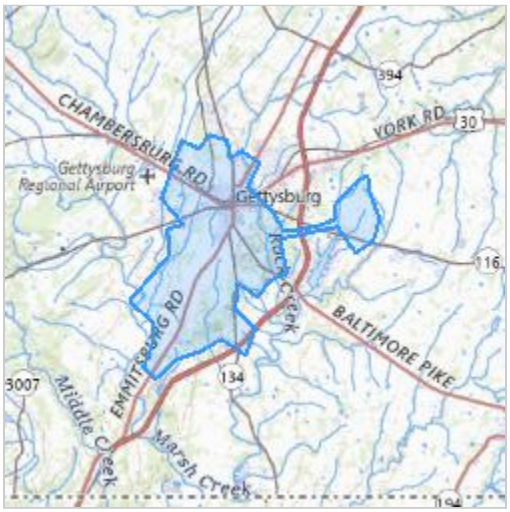
Gettysburg NMP and Eisenhower NHS Trails Plan EA

2. Description

The following description was provided for the project 'Gettysburg NMP and Eisenhower NHS Trails Plan EA':

> The National Park Service (NPS) seeks to improve visitor access to the parks' interpretive sites, and connections between the two parks by integrating existing trails with new trail alignments to create a network of trails that reduce reliance on vehicles while minimizing impacts to the battlefield, natural resources, and commemorative-era landscapes. NPS would adopt a Comprehensive Trails Plan for Gettysburg NMP and Eisenhower NHS, which would occur over a 10- to 15-year period. During this phased buildout, operational responsibilities would be managed through a structured approach that assigns and updates roles as new trails come online, ensuring that each phase is supported by appropriate oversight and resources. The Trails Plan includes constructing new multi-use and pedestrian trails, rerouting existing equestrian trails, and adding interpretive trailheads. The Trails Plan would also eliminate social trails and close specific park avenues to increase safety and connectivity.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.8086678,-77.23587891639893,14z



QUALIFICATION INTERVIEW

1. As a representative of this project, do you agree that all items submitted represent the complete scope of the project details and you will answer questions truthfully?

   Yes

2. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed species that is not covered by an existing section 10 (a)(1)(A) Recovery Permit, exempted under section 4(d) or authorized by a section 6 cooperative agreement?

   Note: Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species.

   No

3. Is the action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

   Note: for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

   Yes

4. Are you including in this analysis all impacts to federally listed species that may result from the entirety of the project (not just the activities under federal jurisdiction)?

   Note: If there are project activities that will impact listed species that are considered to be outside of the jurisdiction of the federal agency submitting this key, contact your local Ecological Services Field Office to determine whether it is appropriate to use this key. If your Ecological Services Field Office agrees that impacts to listed species that are outside federal jurisdiction will be addressed through a separate process, you can answer yes to this question and continue through the key.

   Yes

5. Are you the lead federal action agency or designated non-federal representative requesting concurrence on behalf of the lead Federal Action Agency?

   Yes

6. Is the project being funded, lead, or managed in whole or in part by U.S. Fish and Wildlife Restoration and Recovery Program (e.g., Partners, Coastal, Fisheries, Wildlife and Sport Fish Restoration, Refuges)?

   No

7. Will the proposed project involve demolition, rehabilitation, property elevation, renovation, and/or rebuilding of one or more existing buildings (e.g., residential, commercial and industrial buildings, or utilities)? Note: if project activities include modification of bridges and/or culverts, answer this question "No".

   No

8. Will the proposed project result in permanent changes to water availability or water quality where bats may be present?

   No

9. Does any component of the project associated with this action include activities or structures that may pose a collision risk to bats (e.g., plane-based surveys, land-based or offshore wind turbines)?

   No

10. Are there any caves, mines or mine features that are suitable for hibernating Indiana bats within the action area?

    No

11. Has a presence/probable absence bat survey (acoustic or mist-net summer active season survey) following the Service's Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines been conducted within the action area? Note: If yes, upload survey report.

    No

12. Does the project involve removal or modification of a human-made structure (barn, house, or other building) known or suspected to contain roosting bats?
    Note: Most maintenance and general human disturbance in and around structures will not affect Indiana bats as bats roosting in human structures are adjusted to a certain level of routine noise and are generally expected to roost away from areas with excessive disturbance. Answer 'no' if the proposed action will not include disturbance to human structures known or suspected to contain roosting bats or if the structure does not offer suitable roosting habitat for Indiana bats. If unsure, answer 'yes.'

    No

13. Does the project include removal/modification of an existing culvert?

    No

14. Does the project include removal/modification of an existing bridge?

    No

15. Are trees present within 1000 feet of the action area?

    Note: If there are trees within the action area that are of a sufficient size to be potential roosts for bats (i.e., live trees and/or snags ≥5 inches dbh (12.7 centimeter), answer "Yes". If unsure, answer “Yes.” Or refer to the USFWS' Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines for definitions and an assessment form that will assist you in determining if suitable habitat is present within your project's action area. Suitable summer habitat for Indiana bat consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags ≥5 inches dbh (12.7 centimeter) that have exfoliating bark, cracks, crevices, and/or hollows), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. Individual trees may be considered suitable habitat when they exhibit the characteristics of a potential roost tree and are located within 1,000 feet (305 meters) of other forested/wooded habitat

    Yes

16. Will the project include tree cutting or other means of knocking down or bringing down trees, or tree trimming?

    Yes

17. Is the project related to the production of coal, including projects that support the mining of coal, as well as the production and/or distribution of energy produced from coal?

    No

18. Does the project include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property?

    No

19. Will the project cause trees to be knocked down, or otherwise brought down across an area greater than 1 acre in total extent?

    No

20. Will any tree cutting/trimming or other knocking or bringing down of trees occur between April 1 and September 30?

    No

21. Will the project be associated with a timber harvest or timber sale for management or thinning purposes (not including clear cut), including skid trails, roads, landings and/or stream crossings?

    No

22. Will the project result in the use of prescribed fire?

    No

23. Will the proposed project involve the use or storage of herbicide?

    No

24. Will the proposed project involve blasting in areas where Indiana bats may be present?

    No

25. Will the action involve military training that could impact Indiana bats (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter use at night, UAS use at night, or fixed wing aircraft use at night)?

    No

26. Does the project include temporary or permanent lighting of roadway(s), facility(ies), and/or parking lot(s)?

    Yes

27. When installing new or replacing existing permanent lights, will downward-facing, full cut-off lens lights (with same intensity or less for replacement lighting) be used?

    Yes

28. Will temporary lighting be directed away from suitable Indiana bat habitat during the active season?

    Yes

29. Do you have any other documents that you want to include with this submission?

    No

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In Reply Refer To: 08/11/2026 15:21:15 UTC
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Federal Nexus: yes
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Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Gettysburg NMP and Eisenhower NHS Trails Plan EA'

Dear Thomas Bonetti:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on August 11, 2026, for "Gettysburg NMP and Eisenhower NHS Trails Plan EA" (here forward, Project). This project has been assigned Project Code 2026-0130146 and all future correspondence should clearly reference this number.

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into the IPaC must accurately represent the full scope and details of the Project. Failure to accurately represent or implement the Project as detailed in IPaC or the Northeast Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.***

The IPaC results indicated the following species is (are) potentially present in your project area and, based on your responses to the Service's Northeast DKey, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Green floater (*Lasmigona subviridis*)	Proposed Threatened	No effect

Virginia big-eared bat (*Corynorhinus (=Plecotus) townsendii virginianus*)	Endangered	No effect

Conclusion

If there are no updates on listed species, no further consultation/coordination for this project is required for the species identified above.

However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional consultation with the Service should take place before project implements any changes which are final or commits additional resources.

Other Species and Critical Habitat that May be Present in the Action Area

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and are not covered by this conclusion:

- Indiana bat *Myotis sodalis* Endangered
- Monarch butterfly *Danaus plexippus* Proposed Threatened
- Northern Long-Eared Bat *Myotis septentrionalis* Endangered
- Tricolored bat *Perimyotis subflavus* Proposed Endangered

Please Note: If the Action may impact bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act (BGEPA) (54 Stat. 250, as amended, 16 U.S.C. 668a-d) by the prospective permittee may be required. Please contact the Migratory Birds Permit Office, (413) 253-8643, or PermitsR5MB@fws.gov, with any questions regarding potential impacts to Eagles.

If you have any questions regarding this letter or need further assistance, please contact the Pennsylvania Ecological Services Field Office and reference the Project Code associated with this Project.

Action Description
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1. Name

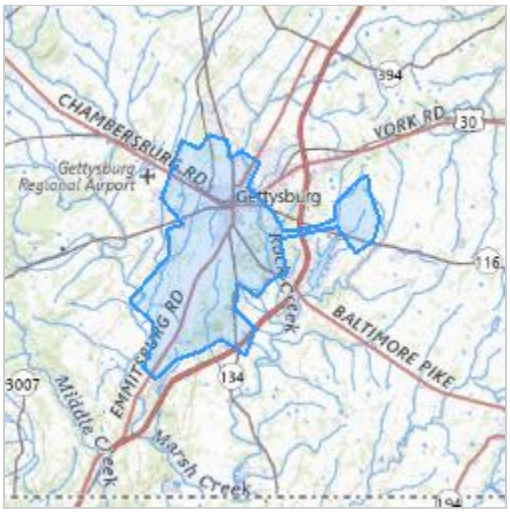
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The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.8086678,-77.23587891639893,14z



QUALIFICATION INTERVIEW

1. As a representative of this project, do you agree that all items submitted represent the complete scope of the project details and you will answer questions truthfully?

   Yes

2. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed species that is not covered by an existing section 10 (a)(1)(A) Recovery Permit, exempted under section 4(d) or authorized by a section 6 cooperative agreement? **Note:** This question could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered, or proposed species.

   No

3. Is the action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

   Note: for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

   Yes

4. Are you including in this analysis all impacts to federally listed species that may result from the entirety of the project (not just the activities under federal jurisdiction)?

   Note: If there are project activities that will impact listed species that are considered to be outside of the jurisdiction of the federal action agency submitting this key, contact your local Ecological Services Field Office to determine whether it is appropriate to use this key. If your Ecological Services Field Office agrees that impacts to listed species that are outside the federal action agency's jurisdiction will be addressed through a separate process, you can answer yes to this question and continue through the key.

   Yes

5. Are you the lead federal action agency or designated non-federal representative requesting concurrence on behalf of the lead Federal Action Agency?

   Yes

6. Is the lead federal action agency the Natural Resources Conservation Service?

   No

7. Will the proposed project involve the use or storage of herbicide?

   No

8. Will the proposed project involve herbaceous native vegetation removal (including prescribed fire that would result in burning of plants) or mowing?

   No

9. Will the proposed project result in **permanent** changes to surface water or groundwater quantity, retention, quality or timing? For example, will the proposed project include any activities that would alter stream flow, surface water or groundwater such as water withdrawal, water recharge, wells, infiltration effects, stormwater outlets, hydropower energy production, impoundments, intake structures, water or stream diversion structures, mining, impoundments, dams, surface water drainage, and/or turbines? Projects that include temporary and limited water reductions that will not displace listed species or appreciably change water availability for listed species (e.g. listed species will experience no changes to feeding, breeding or sheltering) can answer "No". Note: This question refers only to the amount of water present in a stream, other water quality factors, including sedimentation and turbidity, will be addressed in following questions.

   No

10. Does the project include activity in or within 300 feet of a freshwater wetland? This includes, for example, project activities within wetlands, project activities within 300 feet of wetlands that may have impacts on wetlands, water withdrawals and/or discharge of contaminants (even with a NPDES). Activities include, but are not limited to wetland draining, ditching, tilling, filling, excavation, stream diversion, impoundments, mowing, grazing of vegetation, access roads, detention basins, water or sewer lines, irrigation, increase in impervious surfaces, and application of pesticides, deicing agents, or fertilizers.

    Yes

11. Does any component of the project associated with this action include activities or structures that may pose a collision risk to **birds** (e.g., plane-based surveys, land-based or offshore wind turbines, new or enlarged communication towers or broadcast towers, high voltage transmission lines, any type of towers with or without guy wires)?

    No

12. Will the proposed project involve demolition, rehabilitation, property elevation, renovation, and/or rebuilding of one or more existing buildings (e.g., residential, commercial and industrial buildings, or utilities)? Note: if project activities include modification of bridges and/or culverts, answer this question "No".

    No

13. Does the project area intersect the boundary of Virginia Ecological Services Field Office?

    Automatically answered
    No

14. Does the project area intersect the boundary of the Chesapeake Bay Ecological Services Field Office?

    Automatically answered
    No

15. Will the proposed project involve earth moving or other ground disturbance that could cause erosion and sedimentation, and/or contamination within 300 feet of a freshwater wetland or along a stream?

    Note: Answer "Yes" to this question if erosion and sediment control measures will be used.

    Yes

16. Will the proposed project impact streams or tributaries of streams where aquatic listed species may be present through activities such as, but not limited to, valley fills, large-scale vegetation removal that could result in ground destabilization, and/or change in site topography?

    No

17. Will the proposed project involve vegetation removal within 300 feet of a perennial stream bank where aquatic listed species may be present?

    Yes

18. Will erosion and sedimentation control Best Management Practices (BMPs) associated with applicable state and/or Federal permits, be applied to the project?

    Note: If BMPs have been provided by and/or coordinated with and approved by the appropriate Ecological Services Field Office, answer "Yes" to this question.

    Yes

19. Is the project being funded, lead, or managed in whole or in part by U.S Fish and Wildlife Restoration and Recovery Program (e.g., Partners, Coastal, Fisheries and Aquatic Conservation, Office of Conservation Investment, Refuges)?

    No

20. [Hidden Semantic] Does the project intersect WV?

    Automatically answered
    No

21. Does any component of the project associated with this action include activities or structures that may pose a collision risk to **bats** (e.g., plane-based surveys, land-based or offshore wind turbines)?

    No

22. Is the project an aquatic restoration project being funded, lead, or managed in whole or in part by U.S. Fish and Wildlife Restoration and Recovery Program (e.g., Partners, Coastal, Fisheries, Wildlife and Sport Fish Restoration, Refuges)?

    No

23. Will the proposed project result in permanent changes to water availability or water quality where **bats** may be present?

    No

24. Will the proposed project involve blasting where bats may be present?

    No

25. Will the proposed project involve earth moving or ground disturbance that could cause erosion, sedimentation, and/or contamination within waterbodies potentially used by bats?
    Note: Answer yes if erosion and sediment control measures will be used.

    No

26. Will erosion and sedimentation control Best Management Practices (BMPs) associated with applicable state and/or federal permits be applied to the project? If BMPs have been provided by and/or coordinated with and approved by the appropriate Ecological Services Field Office, answer "Yes" to this question.

    Yes

27. [Semantic] Does the project intersect the Virginia Big-eared Bat species list area?

    Automatically answered
    Yes

28. Will Virginia big-eared bats or big-eared bat habitat (e.g., caves, bridges, culverts, rock fissures, or anthropogenic structures used for roosting or foraging areas) have any possible exposure to any of the project activities during any time of year?

    No

29. Do you have any other documents that you want to include with this submission?

    No

PROJECT QUESTIONNAIRE

1. Approximately how many acres of trees would the proposed project remove?

   0

2. Approximately how many total acres of disturbance are within the disturbance/ construction limits of the proposed project?

   12.6

3. Briefly describe the habitat within the construction/disturbance limits of the project site.

   The habitat is primarily open fields, field edges, and grassland habitat. Gettysburg NMP is actively transitioning portions of agricultural lands into warm season grasses to encourage a more diverse plant community for open-upland bird species. Much of Gettysburg NMP and Eisenhower NHS are grassland habitat.

IPAC USER CONTACT INFORMATION

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LEAD AGENCY CONTACT INFORMATION

Lead Agency: National Park Service
Name: Thomas Bonetti
Email: thomas.bonetti@dot.gov
Phone: 4135440621

Department of Environmental Protection
Pennsylvania Natural Diversity Inventory

Scientific Name	Common Name	State Status
Arethusa bulbosa	Dragon's Mouth	Endangered
Asclepias verticillata	Whorled Milkweed	Threatened
Asio flammeus	Short-eared Owl	Endangered
Asplenium pinnatifidum	Lobed Spleenwort	Rare
Bartonia paniculata ssp. paniculata	Screw-Stem	Rare
Bartramia longicauda	Upland Sandpiper	Endangered
Botaurus lentiginosus	American Bittern	Endangered
Bromus kalmii	Kalm's Brome	Threatened
Carex bullata	Bull Sedge	Endangered
Carex buxbaumii	Brown Sedge	Rare
Carex tetanica	A Sedge	Threatened
Chionanthus virginicus	Fringe-tree	Under review for listing
Cirsium horridulum	Horrible Thistle	Endangered
Crocanthemum bicknellii	Bicknell's Hoary Rockrose	Endangered
Cryptotis parva	North American Least Shrew	Endangered
Dicentra eximia	Wild Bleeding-hearts	Endangered
Dichanthelium oligosanthes var. scribnerianum	Scribner's Panicgrass	Under review for listing
Eurybia radula	Rough-leaved Aster	Under review for listing
Glyptemys muhlenbergii	Bog Turtle	Endangered
Iris verna var. smalliana	Dwarf Iris	Endangered
Juncus biflorus	Grass-leaved Rush	Rare
Juncus brachycarpus	Short-fruited Rush	Endangered
Lanius ludovicianus migrans	Migrant Loggerhead Shrike	Endangered
Lepomis gulosus	Warmouth	Endangered
Lithospermum canescens	Hoary Puccoon	Under review for listing
Lorinseria areolata	Netted Chainfern	Rare
Lupinus perennis	Lupine	Rare
Lycopodiella appressa	Southern Bog Clubmoss	Threatened
Lythrum alatum	Winged Loosestrife	Endangered
Magnolia virginiana	Sweet Bay Magnolia	Threatened
Melanthium virginicum	Virginia Bunchflower	Under review for listing
Morus rubra	Red Mulberry	Under review for listing
Myotis leibii	Eastern Small-footed Bat	Threatened
Myotis lucifugus	Little Brown Bat	Endangered
Myotis septentrionalis	Northern Long-eared Bat	Endangered
Myotis sodalis	Indiana Bat	Endangered
Nabalus serpentaria	Lion's-foot	Under review for listing
Neotoma magister	Allegheny Woodrat	Threatened
Neottia smallii	Kidney-leaved Twayblade	Endangered

Department of Environmental Protection
Pennsylvania Natural Diversity Inventory

Opuntia humifusa	Prickly-pear Cactus	Rare
Packera anonyma	Plain Ragwort	Rare
Perimyotis subflavus	Tricolored Bat	Endangered
Phaseolus polystachios	Wild Kidney Bean	Under review for listing
Pinus echinata	Short-leaf Pine	Under review for listing
Platanthera ciliaris	Yellow-fringed Orchid	Threatened
Pseudemys rubriventris	Northern Red-bellied Cooter	Threatened
Pseudotriton montanus montanus	Eastern Mud Salamander	Endangered
Pyrola chlorantha		Under review for listing
Quercus shumardii	Shumard Oak	Endangered
Ranunculus fascicularis	Tufted Buttercup	Endangered
Ranunculus pusillus	Spearwort	Under review for listing
Rotala ramosior	Tooth-cup	Rare
Rudbeckia fulgida	Eastern Coneflower	Under review for listing
Scaphiopus holbrookii	Eastern Spadefoot	Threatened
Scirpus ancistrochaetus	Northeastern Bulrush	Endangered
Solidago speciosa	Showy Goldenrod	Under review for listing
Sparganium androcladum	Branching Bur-reed	Endangered
Spiza americana	Dickcissel	Endangered
Trillium cernuum	Nodding Trillium	Under review for listing