APPENDIX F

ENDANGERED SPECIES ACT AND MIGRATORY BIRD TREATY ACT CONSULTATION DOCUMENTATION

United States Department of the Interior

NATIONAL PARK SERVICE
National Capital Region
1100 Ohio Drive, SW
Washington, D.C. 20242

IN REPLY REFER TO:

16 June 2026

Jerome Ford
Assistant Director, Migratory Bird Program
US Fish and Wildlife Service
Migratory Bird Program
Department of Interior Main Building, Room 3331
1849 C Street, NW
Washington, DC 20240

RE: Triumphal Arch at Memorial Circle MBTA Impacts to Birds of Conservation Concern, US Fish and Wildlife Service IPaC CONSULTATION CODE: 2026-0087688

Dear Mr. Ford,

This provides a summary of the impacts to migratory birds and potential habitat from construction of the Triumphal Arch construction project at Memorial Circle in the George Washington Memorial Parkway, National Park Service, and conservation measures that will allow for the protection of bird species under the Migratory Bird Treaty Act (MBTA) of 1918 (16 U.S.C. 703-712), and the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. §§ 668-668d, USFWS 2007). This project proceeds under Section 3 of Executive Order 13186 (2001) that addresses the responsibilities of Federal agencies to protect migratory birds. The National Park Service with the US Fish and Wildlife Service work collaboratively and with proactive approaches to promote the conservation of migratory bird populations.

The major focus of this letter is to present the pre-construction conservation measures already implemented into the Triumphal Arch construction project designs to reduce impacts on wildlife habitat and outline conservation measures to be implemented to ensure potential impacts are minimized. Preconstruction efforts focused primarily on the timing of activities and the reduction of the overall project footprint and artificial nighttime lighting to protect migratory birds.

Project Overview and Description

The National Park Service (NPS) is developing a design for the construction of the proposed Triumphal Arch at Memorial Circle within the George Washington Memorial Parkway in Washington, D.C., located at the western end of the Arlington Memorial Bridge, connecting to Memorial Avenue and the entrance to the Arlington National Cemetery. The total size of the

project, including staging and access, is approximately 14 acres. (Figure 1)

The project is anticipated to begin at the end of Summer 2026. Construction would occur year-round, 20 hours per day, over an approximately two-to-three-year period. The action area is the 1.5-acres of turf grass within the Memorial Circle and also includes as the staging area approximately 12.5 acres of turf grass between the north and south lanes of Washington Boulevard, District of Columbia. After construction is complete the disturbed turf areas will be replanted. Tree removals are not currently anticipated but may occur, as needed for staging.

The Triumphal Arch would be an approximately 250-foot-tall reinforced concrete structure. Dimensions will be finalized during future design efforts. The following dimensions are current approximations. The Triumphal Arch sits on a base and will rise approximately 166 feet above finish grade with a statue extending the total height to approximately 250 feet.

When completed, exterior lighting would be installed to illuminate the Triumphal Arch and nearby area throughout the night with minimal exterior signage. The Triumphal Arch would be illuminated using a low spill, fully shielded lighting system designed to highlight only the Triumphal Arch with illumination supplemented by eight light stanchions, ranging on vertical posts from 14 to 20 feet in height, and strategically located around the intersection pointing downward. In addition, Federal Aviation Administration required anti-collision safety lighting will be incorporated into the design using the least intrusive technology available, ensuring compliance with aircraft visibility requirements while limiting unnecessary light emissions.

Migratory Bird Treaty Act 1918

The USFWS is the principal Federal agency charged with protecting and enhancing populations and habitats of migratory bird species. A migratory bird is any species or family of birds that live or reproduce in or migrate across international borders at some point during their annual life cycle.

Separate from Endangered Species Act (ESA) Section 7(a)(2) obligations is the mandated responsibilities under the MBTA to protect Spring and Fall migrating birds. USFWS identified 26 birds species with the potential to migrate over the Triumphal Arch action area. These species are listed under the Migratory Bird Treaty Act (MBTA, 16 U.S.C. 703-712; Ch. 128; July 13, 1918; 40 Stat. 755, as amended) and include the bald and golden eagles.

USFWS Birds of Conservation Concern

The USFWS Birds of Conservation Concern (BCC) are those species, subspecies, and populations of migratory and non-migratory birds that the USFWS has determined to be the highest priority for conservation actions and assigns BCC species occurring within the action area of projects via the Information for Planning and Consultation (IPaC) system. The Triumphal Arch project location was assigned 26 migratory BCC in USFWS IPaC Project Code-2026-0087688.

The purpose of the BCC list is to prevent or remove the need for additional ESA bird listings by implementing proactive management and conservation actions needed to conserve these species. The USFWS maintains a list of BCC in which species are prioritized and listed by Bird Conservation Regions (BCRs). The Triumphal Arch action area is located in BCR 30, the New England/Mid-Atlantic Coasts [https://nabci-us.org/resources/bird-conservation-regions-map/].

EVALUATION

There is no suitable habitat for Birds of Conservation Concern in this project's action area of 14-acres of turf grass with a small patch of landscape trees completely surrounded by existing roads.

Sensitive Species

From IPaC Project Code-2026-0087688, no federally listed endangered, threatened, or proposed listed bird species occur.

Important Bird Areas

Important Bird Areas (IBA) are sites that provide essential habitat for one or more species of birds. IBAs include sites for breeding, wintering, and/or migrating birds. IBAs are of variable sizes, but usually they are discrete sites that stand out from the surrounding landscape. IBAs may include public or private lands, or both.

The Triumphal Arch will lie between two IBAs. The IBAs represent the best habitats across the District of Columbia and Virginia for bird species at risk as well as those vulnerable to a range of threats. These two IBAs were designated by Birdlife International and US Audubon Society. Both IBAs are within the George Washington Memorial Parkway: Theodore Roosevelt Island that lies 1 mile north of the proposed project and Dyke Marsh Wildlife Preserve is located 11 miles south. These two IBAs will not be impacted by the activities of the action area.

Migratory Bird Species and Birds of Conservation Concern

For this project, the 1,106 migratory birds at eCFR :: 50 CFR 10.13 -- List of Birds Protected by the Migratory Bird Treaty Act. are narrowed down to 26 MBTA BCC (Birds of Conservation Concern) species within the IPaC Project Code-2026-0087688. The 26 MBTA species are listed below. Abbreviations used are BCC--Birds of Conservation Concern, CON--Continental US, BCR--Bird Conservation Region.

The following 10 MBTA species were confirmed in iNaturalist Professional Grade current reports of birds local within Arlington County, VA, checked for species presence.

- Bald Eagle *Haliaeetus leucocephalus*, Non-BCC Vulnerable, Breeds Oct 15 to Aug 31
- Blue-winged Warbler *Vermivora cyanoptera*, BCC – BCR, Breeds May 1 to Jun 30
- Canada Warbler *Cardellina canadensis*, BCC Rangewide (CON), Breeds May 20 to Aug 10
- Chimney Swift *Chaetura pelagica*, BCC Rangewide (CON), Breeds Mar 15 to Aug 25
- Prairie Warbler *Setophaga discolor*, BCC Rangewide (CON), Breeds May 1 to Jul 31

- Prothonotary Warbler *Protonotaria citrea*, BCC Rangewide (CON), Breeds Apr 1 to Jul 31
- Scarlet Tanager *Piranga olivacea*, BCC – BCR, Breeds May 10 to Aug 10
- Wood Thrush *Hylocichla mustelina*, BCC Rangewide (CON), Breeds May 10 to Aug 31
- Black-billed Cuckoo *Coccyzus erythropthalmus*, BCC Rangewide (CON), May 15-Oct 10
- Rusty Blackbird *Euphagus carolinus*, BCC – BCR, Breeds elsewhere

The following 16 MBTA species were not in iNaturalist as locally present but are expected to fly over the action area during Spring and Fall migrations.

- Bobolink *Dolichonyx oryzivorus*, BCC Rangewide (CON), Breeds May 20 to Jul 31
- Cerulean Warbler *Setophaga cerulea*, BCC Rangewide (CON), Breeds Apr 29 to Jul 20
- Eastern Whip-poor-will *Antrostomus vociferus,* BCC Rangewide (CON), May 1 to Aug 20
- Golden Eagle *Aquila chrysaetos,* Non-BCC Vulnerable, Breeds elsewhere
- Grasshopper Sparrow *Ammodramus savannarum perpallidus,* BCC – BCR, Jun 1-Aug 20
- Kentucky Warbler *Geothlypis Formosa*, BCC Rangewide (CON), Breeds Apr 20 to Aug 20
- King Rail *Rallus elegans,* BCC Rangewide (CON), Breeds May 1 to Sep 5
- Least Tern *Sternula antillarum antillarum*, BCC Rangewide (CON), Breeds Apr 25-Sep 5
- Lesser Yellowlegs *Tringa flavipes,* BCC Rangewide (CON), Breeds elsewhere
- Pectoral Sandpiper *Calidris melanotos*, BCC Rangewide (CON), Breeds elsewhere
- Red-headed Woodpecker *Melanerpes erythrocephalus*, BCC Rangewide (CON), Breeds May 10 to Sep 10
- Ruddy Turnstone *Arenaria interpres morinella,* BCC – BCR, Breeds elsewhere
- Semipalmated Sandpiper *Calidris pusilla*, BCC – BCR, Breeds elsewhere
- Short-billed Dowitcher *Limnodromus griseus,* BCC Rangewide (CON), Breeds elsewhere
- Whimbrel *Numenius phaeopus hudsonicus,* BCC – BCR, Breeds elsewhere
- Willet *Tringa semipalmata,* BCC Rangewide (CON), Breeds Apr 20 to Aug 5

IMPACT ASSESSMENT

Potential Impacts of Stressors

NPS is committed to the management of stressors caused by proposed projects and will use conservation measures to reduce impacts by following the nationwide avoidance and minimization measures for migratory birds [Nationwide Avoidance & Minimization Measures for Birds | FWS.gov].

Habitat Impacts—Developed Area

The action area has limited habitat for many bird species. None of the 26 BCC species that USFWS listed use Developed Areas (i.e., turf patches surrounding by impervious roads) as primary breeding, foraging areas or nesting. Instead, any impacts will be during the Spring and Fall migrations when birds pass over the action area at night.

The construction is anticipated to begin at the end of Summer 2026 when most MBTA species' nesting is done, and birds are flocking to migrate or have migrated out of the area.

The approximately 12.5-acre staging area will be in place when migratory birds return during the Spring migration and will continue to be occupied for two to three years during construction. No nests are anticipated to be disturbed. After restoration, the staging area returns as a turf median between north and south lanes of Washington Boulevard that is already maintained by mowing for visual inspection requirements established by the Federal Highway Administration.

Noise Impacts

The majority of noise impacts will be temporary during the construction process, starting at the end of Summer 2026. These noise impacts will end once construction is complete. The surrounding roads carry heavy traffic year-round, which will continue in the long term.

Artificial Lighting Impacts

During construction activities that occur 20 hours per day, time restrictions are not possible. The area is seasonally prone to fog and infrequent low cloud ceilings, causing migrating birds to fly low.

ASSESSMENT OF RISK

The National Park Service is using a landscape stewardship approach to planning and designing Triumphal Arch. NPS has taken measures to avoid and minimize permanent impacts to wildlife habitat and minimized the action area limits-of-disturbance footprint the minimum practicable while allowing safe construction of the Triumphal Arch.

The Triumphal Arch will be located within a traffic circle covered in turf that provides minimal habitat to MBTA species. Specific design requirements for minimal artificial lighting during construction and long-term building illumination are required.

The action area may have bird species already adapted to breeding and foraging near human activities and disturbance, and therefore over the two to three years during construction, potential impacts to foraging or nesting behavior due to noise and disturbance is expected to be very minimal.

Overall, impacts are expected to be minor and associated with temporary displacement from foraging areas within the construction workspaces. Existing activities like regular mowing in the road median and rights-of-way would already preclude many viable ground nests.

Impacts to migratory birds discussed are avoided and minimized to reduce impacts to insignificant levels prior to and during the design phase. To further ensure potential impacts to migratory birds are avoided by the construction of the Triumphal Arch, NPS will continue to implement Best Management Practices, whenever practicable. As a result, potential impacts on migratory birds, and most importantly BCCs, will be reduced and minimized.

Conservation Measures for Conserving Migratory Birds

NPS will implement Best Management Practices during the construction and maintenance of the Triumphal Arch project to protect MBTA species, populations, and habitat to increase long-term sustainability of bird populations through the following efforts:

1. All activities within this project are constrained to previously disturbed areas such as traffic circles and road medians and rights-of-way planted with turf and surrounded by impervious surfaces of Washington Boulevard.
2. There is a minimal semi-natural habitat in a small patch of planted landscape trees in the staging area. If any of these trees need to be removed, it will be done from September 1 to March 31, which is outside the nesting period for most migratory birds.
3. This project will not disturb or pass through any Important Bird Areas; there are no permanent habitat alterations.
4. Replanting the area after construction with turf will use other native plants, as needed, that are not attractants with fruit or provide preferred nesting tree species in the road median and rights-of-way.
5. The Triumphal Arch will not result in any noise increases above what is already produced (ambient) in the action area.
6. To address concerns during peak MBTA species migration periods in Spring and Fall, construction site lights will be down shielded or directed downward to avoid light transmission into the sky. Artificial lights illuminating night work will be kept as close to the ground as possible.
7. After the Triumphal Arch is complete, LED light bulbs, such as 2200k to 3000k, will be used as much as possible to protect and avoid disorientation of MBTA species.

SUMMARY

The Triumphal Arch construction project adheres to responsibilities described in EO 13186 to strengthen migratory bird conservation.

NPS has avoided and minimized potential impacts to MBTA species prior to and during the design phase and will use conservation measures and BMPs for the planned implementation. The construction of the Triumphal Arch is adaptive, and potential impacts will be re-evaluated, as needed, with any new, appropriate additional conservation measures. This ensures the least environmentally damaging practicable approaches will protects MBTA species while completing the construction of the Triumphal Arch.

We certify that we have used the best scientific and commercial data available to complete this analysis.

Sincerely,

J. Patrick Campbell
Associate Regional Director
Resource Stewardship & Science
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Tammy Stidham
Associate Regional Director
Lands & Planning
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Figure 1. Action Area of approximately 14 acres for the Triumphal Arch at Memorial Circle Construction project with staging area, George Washington Memorial Parkway, NPS.

https:// www.google.com/maps/@38.884468850000005,-77.05957937243342,14z



Please see my Shared Calendar for specific availability.

From: McDonald, David (Dave) <david_mcdonald@fws.gov>
Sent: Wednesday, July 15, 2026 5:47 PM
To: Hoaglund, Jordan W <jordan_hoaglund@nps.gov>
Cc: Lands, Frank W <frank_lands@nps.gov>; Ford, Jerome <jerome_ford@fws.gov>
Subject: Resolution: National Park Service Requests an Expedited MBTA Consultation for Triumphal Arch at Memorial Circle Construction Project--Sensitive Project

Jordan -

Thank you for escalating the need for a response on the Migratory Bird Treaty Act (MBTA) on the Arch. Per Jerome Ford, Assistant Director (SES), Migratory Bird Program

Below is a summary of FWS actions related to NPS' request for consultation:

Technical Assistance Results

- On June 17, 2026, the FWS Migratory Bird Program received a request from the National Park Service (NPS) for expedited consultation under the Migratory Bird Treaty Act (MBTA) regarding potential impacts to migratory birds from construction of the Triumphal Arch at Memorial Circle.
- The MBTA does not establish a formal consultation requirement comparable to Section 7of the Endangered Species Act. Instead, FWS provides technical assistance and recommends measures to avoid or minimize impacts to migratory birds.
- Based on the information provided by the NPS, the project is expected to result in minor, temporary impacts to migratory birds, primarily from construction-related disturbance and nighttime lighting during migration. The NPS has committed to implementing avoidance and minimization measures to reduce those impacts, such as limiting activities to previously disturbed areas, conducting any necessary tree removal outside the primary nesting season, using downward-directed and shielded construction lighting, installing warm-color LED lighting after construction, and restoring disturbed areas following construction.
- FWS staff reviewed the information provided by the NPS, supported the proposed measures, and communicated that support to NPS staff on June 25, 2026. No further FWS action is required for migratory birds.

Please accept this email with Jerome Ford (cc'd) as evidence that the FWS review has been completed, and no further FWS action is required for migratory birds. If you require anything further, please let me know.

V/r

Dave

David McDonald
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Department of the Interior
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United States Department of the Interior

FISH AND WILDLIFE SERVICE
Chesapeake Bay Ecological Services Field Office
177 Admiral Cochrane Drive
Annapolis, MD 21401-7307
Phone: (410) 573-4599 Fax: (410) 266-9127

In Reply Refer To: 06/10/2026 19:41:27 UTC
Project code: 2026-0087688
Project Name: GWMP Triumphal Arch

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

Subject: Record of project representative's no effect determination for 'GWMP Triumphal Arch'

Dear Diane Pavek:

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 June 10, 2026, for 'GWMP Triumphal Arch' (here forward, Project). This project has been assigned Project Code 2026-0087688 and all future correspondence should clearly reference this number. **Please carefully review this letter.**

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.***

Determination for the Northern Long-Eared Bat and/or Tricolored Bat

Based upon your IPaC submission and a standing analysis, your project has reached the following effect determinations:

Species	Listing Status	Determination
Northern Long-Eared Bat (*Myotis septentrionalis*)	Endangered	No effect

Tricolored bat (*Perimyotis subflavus*)	Proposed Endangered	No effect

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.

To make a no effect determination, the full scope of the proposed project implementation (action) should not have any effects (either positive or negative), to a federally listed species or designated critical habitat. Effects of the action are all consequences to listed species or critical habitat that are caused by the proposed action, including the consequences of other activities that are caused by the proposed action. A consequence is caused by the proposed action if it would not occur but for the proposed action and it is reasonably certain to occur. Effects of the action may occur later in time and may include consequences occurring outside the immediate area involved in the action. (See § 402.17).

Under Section 7 of the ESA, if a federal action agency makes a no effect determination, no consultation with the Service is required (ESA §7). If a proposed Federal action may affect a listed species or designated critical habitat, formal consultation is required except when the Service concurs, in writing, that a proposed action "is not likely to adversely affect" listed species or designated critical habitat [50 CFR §402.02, 50 CFR§402.13].

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:

- Monarch butterfly *Danaus plexippus* Proposed Threatened

You may coordinate with our Office to determine whether the Action may affect the animal species listed above and, if so, how they may be affected.

Next Steps

If there are no updates on listed species, no further consultation/coordination for this project is required with respect to the species covered by this key. 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 coordination with the Service should take place to ensure compliance with the Act.

If you have any questions regarding this letter or need further assistance, please contact the Chesapeake Bay Ecological Services Field Office and reference Project Code 2026-0087688 associated with this Project.

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

1. Name

GWMP Triumphal Arch

2. Description

The following description was provided for the project 'GWMP Triumphal Arch':

> The proposed Triumphal Arch will be located within the Memorial Circle of the George Washington Memorial Parkway at the western end of the Arlington Memorial Bridge, connecting to Memorial Avenue and the entrance to the Arlington National Cemetery. The total size of the project, including staging and access, is roughly 14 acres. The project is anticipated to begin at the end of Summer 2026 and will be completed within the next two to three years.
>
> The action area is the 1.5 acres of turf grass within the Memorial Circle and includes the approximately 12.5 acres of turf grass between the north and south lanes of Washington Boulevard, District of Columbia, as the staging area.
>
> The proposed 165-foot-tall Triumphal Arch sits atop a 25-foot pedestal and is topped by a 60-foot statue.

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@38.884468850000005,-77.05957937243342,14z



DETERMINATION KEY RESULT

Based on the information you provided, you have determined that the Proposed Action will have no effect on the species covered by this determination key. Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for those species.

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?

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

    No

13. Will the action cause effects to a bridge?

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

    No

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

    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 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.

    No

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

    Automatically answered
    Yes

17. [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

18. [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

19. [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

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

    Automatically answered
    Yes

21. 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

22. [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

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

    No

PROJECT QUESTIONNAIRE

IPAC USER CONTACT INFORMATION

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Name: Diane Pavek
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City: Washington
State: DC
Zip: 20007
Email dpavek@nps.gov
Phone: 2023398309