



U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
WASHINGTON, DC 20410-1000

This Worksheet was designed to be used by those “Partners” (including Public Housing Authorities, consultants, contractors, and nonprofits) who assist Responsible Entities and HUD in preparing environmental reviews, but legally cannot take full responsibilities for these reviews themselves. Responsible Entities and HUD should use the RE/HUD version of the Worksheet.

Compliance Determination

A habitat assessment was conducted for the proposed project on September 30, 2023, by Civil & Environmental Consultants, Inc. (CEC) to determine the presence of federally listed threatened and endangered species and/or their habitat including critical habitat within the project area.

CEC consulted the USFWS Information for Planning and Consultation (IPaC) database and the IDNR Ecological Compliance Assessment Tool (EcoCAT) to generate an Official Species List for the project area (see attached reports). The IPaC Official Species List indicated seven (7) federally listed, proposed for listing, or candidate species as listed below with the potential to occur in the project area.

- Northern Long-eared Bat (*Myotis Septentrionalis*) – federally endangered
- Whooping Crane (*Grus americana*) – experimental population, non-essential
- Hine’s Emerald Dragonfly (*Somatochlora hineana*) – federally endangered
- Monarch Butterfly (*Danaus plexippus*) – federal candidate species
- Rusty Patched Bumble Bee (*Bombus affinis*) – federally endangered
- Eastern Prairie Fringed Orchid (*Platanthera leucophaea*) – federally threatened
- Leafy Prairie-clover (*Dalea foliosa*) – federally endangered

According to the USFWS IPaC list, no unique, critical, designated, or proposed habitat exists within or near the project area. During the time of the habitat assessment, no listed species were observed within the project area.

Based on the results of the desktop review and on-site pedestrian habitat assessment, CEC has determined that the proposed project will have no effect on federal and state listed species with the potential to occur in the project area and no mitigation is required.

The evaluation and determination of effects for each of the listed species is provided in Table 1 below.

Include all documentation supporting your findings in your submission to HUD.

Supporting Documentation:

- Table 1 – Summary of Habitat Conclusions and Species Determinations
- USFWS IPaC Official Species List
- IDNR EcoCAT Natural Resource Review Results



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Table 1: Summary of Habitat Conclusions and Species Determinations

Species / Resource Name	Federal Status ^a	State Status ^a	Species / Habitat Presence in the Project Area	Preliminary Effect Determination	Project Elements that Support Determination
Federally Listed Species					
Northern Long-Eared Bat (<i>Myotis septentrionalis</i>)	E	NA	No trees are located in the Project Area.	No Effect	Typically roost in live or dead trees underneath exfoliating bark or in cavities or crevices during the summer. No trees are located in the Project Area.
Whooping Crane (<i>Grus americana</i>)	Ex	NA	No suitable habitat was identified within the Project Area.	No Effect	Habitat typically includes shallow marshes with adjacent open grasslands. No wetlands were identified within the Project Area.
Hine’s Emerald Dragonfly (<i>Somatochlora hineana</i>)	E	NA	No suitable habitat was identified within the Project Area.	No Effect	Typically utilize spring fed seeps, rare dolomite prairie communities, and high quality wetland habitats. No prairies or wetlands were identified in the Project Area.
Monarch Butterfly (<i>Danaus plexippus</i>)	C	NA	Suitable habitat does not currently exist within the Project Area as the area is kept maintained.	No Effect	Typical habitat includes open areas that contain milkweed and flowering plants. No milkweed or wildflowers were identified in the Project Area.

Species / Resource Name	Federal Status ^a	State Status ^a	Species / Habitat Presence in the Project Area	Preliminary Effect Determination	Project Elements that Support Determination
Rusty Patched Bumble Bee (<i>Bombus affinis</i>)	E	NA	Suitable habitat does not currently exist within the Project Area as the area is kept maintained.	No Effect	Typical habitat includes areas that contain abundant nectar and pollen producing native wildflowers in grasslands, prairies, parks, gardens, marshes, and woodlands. No wildflowers were identified in the Project Area.
Eastern Prairie Fringed Orchid (<i>Plantanthera leucophaea</i>)	T	NA	No suitable habitat was identified within the Project Area.	No Effect	Typical habitat includes mesic prairies and wetland communities. No prairies or wetlands were identified within the Project Area.
Leafy Prairie-Clover (<i>Dalea foliosa</i>)	E	NA	No suitable habitat was identified within the Project Area.	No Effect	In Illinois this plant is restricted to dolomite prairies. No dolomite prairies were identified in the Project Area.
Migratory Birds	NA	NA	Suitable habitat may be present in or adjacent to the Project Area.	No Effect	The MBTA is meant to protect both migratory and non-migratory birds and intentionally causing loss of an active bird nest site, incubating adults, eggs, or young as a result of construction activities would violate the MBTA.
Bald and Golden Eagle Act Species	NA	NA	No suitable habitat was identified within the Project Area.	No Effect	Large rivers and estuaries throughout Illinois. Nests are usually found in tall trees along or near waterbodies. None of these habitats were identified within the Project Area.
State Listed Species					
Black-Crowned Night-Heron (<i>Nycticorax nycticorax</i>)	NA	E	No suitable habitat was identified within the Project Area.	No Effect	Typically nest in trees with good cover and forage in swamps, streams, lakes, and other aquatic environments. None of these habitats were identified within the Project Area.

Species / Resource Name	Federal Status ^a	State Status ^a	Species / Habitat Presence in the Project Area	Preliminary Effect Determination	Project Elements that Support Determination
Blackchin Shiner (<i>Notropis heterodon</i>)	NA	T	No suitable habitat was identified within the Project Area.	No Effect	Inhabit freshwater streams and lakes. No streams or lakes were identified within the Project Area.
Blacknose Shiner (<i>Notropis heterolepis</i>)	NA	E	No suitable habitat was identified within the Project Area.	No Effect	Inhabit freshwater streams and lakes. No streams or lakes were identified within the Project Area.
Pugnose Shiner (<i>Notropis anogenus</i>)	NA	E	No suitable habitat was identified within the Project Area.	No Effect	Inhabit freshwater streams and lakes. No streams or lakes were identified within the Project Area.
Western Banded Killifish (<i>Fundulus diaphanous menona</i>)	NA	T	No suitable habitat was identified within the Project Area.	No Effect	Inhabit freshwater streams and lakes. No streams or lakes were identified within the Project Area.

Source information from USFWS IPaC Report, IDNR Ecological Compliance Assessment Tool Review, and pedestrian field surveys.

^a E = Endangered; Ex = Experimental Population, Non-Essential, C = Candidate Species T = Threatened; NA = Not Applicable