



**Billing Code 4333–15**

**DEPARTMENT OF THE INTERIOR**

**Fish and Wildlife Service**

**[FWS–R3–ES–2019–N019; FXES11130300000–190–FF03E00000]**

**Endangered and Threatened Species; Receipt of Recovery Permit Applications**

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of receipt of permit applications; request for comments.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, have received applications for permits to conduct activities intended to enhance the propagation or survival of endangered or threatened species under the Endangered Species Act. We invite the public and local, State, Tribal, and Federal agencies to comment on these applications. Before issuing any of the requested permits, we will take into consideration any information that we receive during the public comment period.

**DATES:** We must receive your written comments on or before **[INSERT DATE 30 DAYS AFTER THE DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**.

**ADDRESSES:** *Document availability and comment submission:* Submit requests for copies of the applications and related documents, as well as any comments, by one of the following methods. All requests and comments should specify the applicant name(s) and application number(s) (e.g., **TEXXXXXX**):

- *Email:* [permitsR3ES@fws.gov](mailto:permitsR3ES@fws.gov). Please refer to the respective permit number (e.g., Application No. **TEXXXXXX**) in the subject line of your email message.
- *U.S. Mail:* Regional Director, Attn: Carlita Payne, U.S. Fish and Wildlife

Service, Ecological Services, 5600 American Blvd. West, Suite 990,  
Bloomington, MN 55437–1458.

**FOR FURTHER INFORMATION CONTACT:** Carlita Payne, 612–713–5343  
(phone); [permitsR3ES@fws.gov](mailto:permitsR3ES@fws.gov) (email). Individuals who are hearing or speech  
impaired may call the Federal Relay Service at 1–800–877–8339 for TTY assistance.

**SUPPLEMENTARY INFORMATION:**

**Background**

The Endangered Species Act of 1973, as amended (ESA; 16 U.S.C. 1531 *et seq.*), prohibits certain activities with endangered and threatened species unless authorized by a Federal permit. The ESA and our implementing regulations in part 17 of title 50 of the Code of Federal Regulations (CFR) provide for the issuance of such permits and require that we invite public comment before issuing permits for activities involving endangered species.

A recovery permit issued by us under section 10(a)(1)(A) of the ESA authorizes the permittee to conduct activities with endangered species for scientific purposes that promote recovery or for enhancement of propagation or survival of the species. Our regulations implementing section 10(a)(1)(A) for these permits are found at 50 CFR 17.22 for endangered wildlife species, 50 CFR 17.32 for threatened wildlife species, 50 CFR 17.62 for endangered plant species, and 50 CFR 17.72 for threatened plant species.

**Permit Applications Available for Review and Comment**

We invite local, State, and Federal agencies, Tribes, and the public to comment on the following applications.

Application Number	Applicant	Species	Location	Activity	Type of Take	Permit Action
TE03494B	GAI Consultants, Inc., Erlanger, KY	Indiana bat ( <i>Myotis sodalis</i> ), gray bat ( <i>M. grisescens</i> ), northern long-eared bat ( <i>M. septentrionalis</i> ), Ozark big-eared bat ( <i>Corynorhinus townsendii ingens</i> ), Virginia big-eared bat ( <i>C.t. virginianus</i> )	AL, AR, CT, DE, DC, FL, GA, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NH, NJ, NY, NC, ND, OH, OK, PA, RI, SC, SD, TN, VT, VA, WV, WI, WY	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, mist-net, harp trap, band, radio-tag, release	Renew
TE206781	EcoAnalysts, Inc., O'Fallon, MO	Add Candy darter ( <i>Etheostoma osburni</i> ), diamond darter ( <i>Crystallaria cincotta</i> ), pallid sturgeon ( <i>Scaphirhynchus albus</i> ), Alabama moccasinshell ( <i>Medionidus acutissimus</i> ), inflated heelsplitter ( <i>Potamilus inflatus</i> ),	Add new locations – LA, NM, ND, WY – to existing authorized locations: AR, CO, CT, DE, IL, IN, IA, KS, KY, ME, MD, MA, MI, MN, MO, NE, NH, NJ, NY, OH, OK, PA, RI, SD, TN, TX, VT, VA, WV, WI	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, temporarily hold, relocate, release, collect dead specimens	Amend

		Louisiana pearlshell ( <i>Margaritifera hembeli</i> ), ovate clubshell ( <i>Pleurobema perovatum</i> ), southern clubshell ( <i>Pleurobema decisum</i> ), Texas hornshell ( <i>Popenaias popeii</i> ), and yellow lance ( <i>Ellipto lanceolata</i> ) to existing 58 permitted freshwater mussel species				
TE98111A	State of Ohio Department of Transportation, Columbus, OH	Clubshell ( <i>Pleurobema clava</i> ), fanshell ( <i>Cyprogenia stegaria</i> ), northern riffleshell ( <i>Epioblasma torulosa rangiana</i> ), pink mucket pearlymussel	OH	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, temporarily hold, relocate, release	Renew

		( <i>Lampsilis orbiculata</i> ), purple cat's paw pearlymussel ( <i>Epioblasma obliquata obliquata</i> ), rabbitsfoot ( <i>Quadrula cylindrica cylindrica</i> ), rayed bean ( <i>Villosa fabalis</i> ), sheepnose ( <i>Plethobascus cyphus</i> ), snuffbox ( <i>Epioblasma triquetra</i> ), white catspaw pearlymussel ( <i>Epioblasma obliquata perobliqua</i> )				
TE06801A	Pittsburgh Wildlife & Environmental, Inc., McDonald, PA	Indiana bat ( <i>Myotis sodalis</i> ), gray bat ( <i>M. grisescens</i> ), northern long-eared bat ( <i>M. septentrionalis</i> )	AL, AR, FL, GA, IL, IN, IA, KS, KY, MI, MS, MO, NJ, NY, NC, OH, OK, PA, SC, TN, VA, WV, WI	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, mist-net, harp trap, radio-tag, band, enter hibernacula, release	Renew
TE81122C	Three Rivers Park	Rusty patched	MN	Conduct presence/	Add new	Amend

	District, Plymouth, MN	bumble bee ( <i>Bombus affinis</i> )		absence surveys, document habitat use, conduct population monitoring, evaluate impacts	activity— radio-tag—to existing authorized activities: capture, handle, hold, release	
TE24570D	Sean Kline, Stow, OH	Indiana bat ( <i>Myotis sodalis</i> ), gray bat ( <i>M. grisescens</i> ), northern long-eared bat ( <i>M. septentrionalis</i> ), Virginia big-eared bat ( <i>Corynorhinus townsendii virginianus</i> )	AL, AR, CT, DE, GA, IL, IN, IA, KY, MD, MA, MI, MS, MO, NJ, NY, NC, OH, OK, PA, TN, VT, VA, WV	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, mist-net, radio-tag, release	New
TE11145C	Lisa Kleinschmidt, Syracuse, NY	Add Indiana bat ( <i>Myotis sodalis</i> ) to existing permitted species: Gray bat ( <i>Myotis grisescens</i> ), northern long-eared bat ( <i>M. septentrionalis</i> )	AL, AR, CT, DE, FL, GA, IL, IN, IA, KS, KY, MD, MA, MI, MN, MS, MO, NE, NH, NJ, NY, NC, ND, OH, OK, PA, RI, SC, SD, TN, VT, VA, WV, WI	Conduct presence/absence surveys, document habitat use, conduct population monitoring, evaluate impacts	Capture, handle, mist-net, harp trap, band, radio-tag, wing biopsy, release	Amend
TE02373A	Environmental Solutions & Innovations, Inc.,	Add Candy darter ( <i>Etheostoma osburni</i> ) to	AL, AR, CT, DE, DC, GA, IL, IN, IA, KS,	Conduct presence/absence surveys, document	Candy darter: Capture, identify, release,	Amend

	Cincinnati, OH	<p>existing permitted species: Indiana bat (<i>Myotis sodalis</i>), gray bat (<i>M. grisescens</i>), northern long-eared bat (<i>M. septentrionalis</i>), Ozark big-eared bat (<i>Corynorhinus townsendii ingens</i>), Virginia big-eared bat (<i>C.t. virginianus</i>), Big Sandy crayfish (<i>Cambarus callainus</i>), Guyandotte River crayfish (<i>C. veteranus</i>), amber darter (<i>Percina antesella</i>), blackside dace (<i>Phoxinus cumberlandensis</i>), blue shiner (<i>Cyprinella caerulea</i>), Cherokee darter (<i>Etheostoma scotti</i>), Conasauga</p>	<p>KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NH, NJ, NY, NC, ND, OH, OK, PA, RI, SC, SD, TN, VT, VA, WV, WI, WY</p>	<p>habitat use, conduct population monitoring, evaluate impacts</p>	<p>relocate.  Bats: Capture, handle, mist-net, harp trap, band, radio-tag, enter hibernacula or maternity roost caves, release.  Crayfish: Collect, transport, hold in captivity, propagate, relocate, release.  Rusty patched bumble bee: Capture, handle, hold, release, salvage.  American burying beetle: Live-trap, release.  Butterflies, Eastern massasauga rattlesnake and  Plants: Visual surveys.  Other Fish and  Mussels:</p>	
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		logperch ( <i>Percina jenkinsi</i> ), diamond darter ( <i>Crystallaria cincotta</i> ), Etowah darter ( <i>Etheostoma etowahae</i> ), Maryland darter ( <i>Etheostoma sellare</i> ), Ozark cavefish ( <i>Amblyopsis rosea</i> ), Niangua darter ( <i>Etheostoma nianguae</i> ), Roanoke logperch ( <i>Percina rex</i> ), Topeka shiner ( <i>Notropis topeka</i> ), American burying beetle ( <i>Nicrophorus americanus</i> ), Karner blue butterfly ( <i>Lycaeides melissa samuelis</i> ), Mitchell's satyr			Capture, identify, release.	
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		butterfly ( <i>Neonympha mitchellii</i> ), rusty patched bumble bee ( <i>Bombus affinis</i> ), eastern massasauga rattlesnake ( <i>Sistrurus catenatus</i> ), northeastern bulrush ( <i>Scirpus ancistrochaetus</i> ), running buffalo clover ( <i>Trifolium stoloniferum</i> ), and 35 freshwater mussel species				
TE28559D	Radford's Run Wind Farm, LLC, Chicago, IL	Indiana bat, ( <i>Myotis sodalis</i> ), northern long-eared bat ( <i>M. septentrionalis</i> )	Macon County, IL	Conduct scientific research on the efficacy of wind turbine bat deterrent technology, population management and monitoring	Harass, kill, salvage	New
TE28573D	Adam Rusk, Prairie Village, KS	Indiana bat ( <i>Myotis sodalis</i> ), gray bat ( <i>M. grisescens</i> ),	AL, AR, CT, DE, DC, FL, GA, IL, IN, IA, KS, KY, LA,	Conduct presence/absence surveys, document habitat use, conduct	Capture, handle, mist-net, radio-tag, release	New

		northern long-eared bat ( <i>M. septentrionalis</i> ), Ozark big-eared bat ( <i>Corynorhinus townsendii ingens</i> ), Virginia big-eared bat ( <i>C.t. virginianus</i> )	ME, MD, MA, MI, MN, MS, MO, MT, NE, NH, NJ, NY, NC, ND, OH, OK, PA, RI, SC, SD, TN, VT, VA, WV, WI, WY	population monitoring, evaluate impacts		
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## **Public Availability of Comments**

Written comments we receive become part of the administrative record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. Moreover, all submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, will be made available for public disclosure in their entirety.

## **Next Steps**

If we decide to issue permits to any of the applicants listed in this notice, we will publish a notice in the *Federal Register*.

**Authority**

We publish this notice under section 10(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Lori Nordstrom,**

*Assistant Regional Director,*

*Ecological Services,*

*Midwest Region.*

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