



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
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Consultation Code: 08EYRE00-2016-SLI-0056

January 05, 2016

Event Code: 08EYRE00-2016-E-00026

Project Name: Elk Late Successional Restoration Project

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

## To Whom It May Concern:

The enclosed species list identifies federally threatened, endangered, and proposed species, designated critical habitat, and candidate species 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.). Please note that this list does not reflect State listed species or fulfill requirements related to any California Department of Fish and Wildlife consultation. Additionally, this list does not include species covered by the National Marine Fisheries Service (NMFS). For NMFS species please see the related website at the following link:

[http://www.nwr.noaa.gov/protected\\_species/species\\_list/species\\_lists.html](http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html)

If your project does not involve Federal funding or permits and does not occur on Federal land, we recommend you review this list and determine if any of these species or critical habitat may be affected. If you determine that there will be no effects to federally listed or proposed species or critical habitat, there is no need to coordinate with the Service. If you think or know that there will be effects, please contact our office for further guidance. We can assist you in incorporating measures to avoid or minimize impacts, and discuss whether permits are needed.

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 effects 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 ECOS-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 ECOS-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:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

If wetlands, springs, or streams are known to occur in the project area or are present in the vicinity of the project area, we ask that you be aware of potential impacts project activities may have on these habitats. Discharge of fill material into wetlands or waters of the United States is regulated by the U.S. Army Corps of Engineers (ACOE) pursuant to section 404 of the Clean Water Act of 1972, as amended. We recommend you contact the ACOE's Regulatory Section regarding the possible need for a permit.

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)).

Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>;

<http://www.towerkill.com>; and  
<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

The table below outlines lead Service field offices by county and land ownership/project type. Please refer to this table when you are ready to coordinate (including requests for section 7 consultation) with the field office corresponding to your project. Please send any documentation regarding your project to that office. Please note that the lead Service field office for your consultation may not be the office listed above in the letterhead. Please visit the following link to view a map of Service field office jurisdictional boundaries:

[http://www.fws.gov/yreka/specieslist/JurisdictionalBoundaryES\\_R8\\_20150313.pdf](http://www.fws.gov/yreka/specieslist/JurisdictionalBoundaryES_R8_20150313.pdf)

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of the letter you submit to our office along with any request for consultation or correspondence about your project.

**Lead FWS offices by County and Ownership/Program**

<b>County</b>	<b>Ownership/Program</b>	<b>Species</b>	<b>Office Lead*</b>
<b>Alameda</b>	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
<b>Alameda</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Alpine</b>	Humboldt Toiyabe National Forest	All	RFWO
<b>Alpine</b>	Lake Tahoe Basin Management Unit	All	RFWO
<b>Alpine</b>	Stanislaus National Forest	All	SFWO
<b>Alpine</b>	El Dorado National Forest	All	SFWO
<b>Colusa</b>	Mendocino National Forest	All	AFWO
			By jurisdiction (see

<b>Colusa</b>	Other	All	map)
<b>Contra Costa</b>	Legal Delta (Excluding ECCHCP)	All	BDFWO
<b>Contra Costa</b>	Antioch Dunes NWR	All	BDFWO
<b>Contra Costa</b>	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
<b>Contra Costa</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Del Norte</b>	All	All	AFWO
<b>El Dorado</b>	El Dorado National Forest	All	SFWO
<b>El Dorado</b>	LakeTahoe Basin Management Unit		RFWO
<b>Glenn</b>	Mendocino National Forest	All	AFWO
<b>Glenn</b>	Other	All	By jurisdiction (see map)
<b>Humboldt</b>	All except Shasta Trinity National Forest	All	AFWO
<b>Humboldt</b>	Shasta Trinity National Forest	All	YFWO
<b>Lake</b>	Mendocino National Forest	All	AFWO
<b>Lake</b>	Other	All	By jurisdiction (see map)

<b>Lassen</b>	Modoc National Forest	All	KFWO
<b>Lassen</b>	Lassen National Forest	All	SFWO
<b>Lassen</b>	Toiyabe National Forest	All	RFWO
<b>Lassen</b>	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
<b>Lassen</b>	BLM Alturas Resource Area	All	KFWO
<b>Lassen</b>	Lassen Volcanic National Park	All (includes Eagle Lake trout on all ownerships)	SFWO
<b>Lassen</b>	All other ownerships	All	By jurisdiction (see map)
<b>Marin</b>	Tidal wetlands/marsh adjacent to Bays	Salt marsh species, delta smelt	BDFWO
<b>Marin</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Mendocino</b>	Russian River watershed	All	SFWO
<b>Mendocino</b>	All except Russian River watershed	All	AFWO
<b>Modoc</b>	Modoc National Forest	All	KFWO
<b>Modoc</b>	BLM Alturas Resource Area	All	KFWO
	Klamath Basin National Wildlife		

<b>Modoc</b>	Refuge Complex	All	KFWO
<b>Modoc</b>	BLM Surprise and Eagle Lake Resource Areas	All	RFWO
<b>Modoc</b>	All other ownerships	All	By jurisdiction (See map)
<b>Mono</b>	Inyo National Forest	All	RFWO
<b>Mono</b>	Humboldt Toiyabe National Forest	All	RFWO
<b>Napa</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Napa</b>	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
<b>Nevada</b>	Humboldt Toiyabe National Forest	All	RFWO
<b>Nevada</b>	All other ownerships	All	By jurisdiction (See map)
<b>Placer</b>	Lake Tahoe Basin Management Unit	All	RFWO
<b>Placer</b>	All other ownerships	All	SFWO
<b>Sacramento</b>	Legal Delta	Delta Smelt	BDFWO
<b>Sacramento</b>	Other	All	By jurisdiction (see map)
		Salt marsh	

<b>San Francisco</b>	Tidal wetlands/marsh adjacent to San Francisco Bay	species, delta smelt	BDFWO
<b>San Francisco</b>	All ownerships but tidal/estuarine	All	SFWO
<b>San Mateo</b>	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
<b>San Mateo</b>	All ownerships but tidal/estuarine	All	SFWO
<b>San Joaquin</b>	Legal Delta excluding San Joaquin HCP	All	BDFWO
<b>San Joaquin</b>	Other	All	SFWO
<b>Santa Clara</b>	Tidal wetlands/marsh adjacent to San Francisco Bay	Salt marsh species, delta smelt	BDFWO
<b>Santa Clara</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Shasta</b>	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
<b>Shasta</b>	Hat Creek Ranger District	All	SFWO
<b>Shasta</b>	Bureau of Reclamation (Central Valley Project)	All	BDFWO
<b>Shasta</b>	Whiskeytown National Recreation Area	All	YFWO

<b>Shasta</b>	BLM Alturas Resource Area	All	KFWO
<b>Shasta</b>	Caltrans	By jurisdiction	SFWO/AFWO
<b>Shasta</b>	Ahjumawi Lava Springs State Park	Shasta crayfish	SFWO
<b>Shasta</b>	All other ownerships	All	By jurisdiction (see map)
<b>Shasta</b>	Natural Resource Damage Assessment, all lands	All	SFWO/BDFWO
<b>Sierra</b>	Humboldt Toiyabe National Forest	All	RFWO
<b>Sierra</b>	All other ownerships	All	SFWO
<b>Siskiyou</b>	Klamath National Forest (except Ukonom District)	All	YFWO
<b>Siskiyou</b>	Six Rivers National Forest and Ukonom District	All	AFWO
<b>Siskiyou</b>	Shasta Trinity National Forest	All	YFWO
<b>Siskiyou</b>	Lassen National Forest	All	SFWO
<b>Siskiyou</b>	Modoc National Forest	All	KFWO
<b>Siskiyou</b>	Lava Beds National Volcanic Monument	All	KFWO
<b>Siskiyou</b>	BLM Alturas Resource Area	All	KFWO

<b>Siskiyou</b>	Klamath Basin National Wildlife Refuge Complex	All	KFWO
<b>Siskiyou</b>	All other ownerships	All	By jurisdiction (see map)
<b>Solano</b>	Suisun Marsh	All	BDFWO
<b>Solano</b>	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
<b>Solano</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Solano</b>	Other	All	By jurisdiction (see map)
<b>Sonoma</b>	Tidal wetlands/marsh adjacent to San Pablo Bay	Salt marsh species, delta smelt	BDFWO
<b>Sonoma</b>	All ownerships but tidal/estuarine	All	SFWO
<b>Tehama</b>	Mendocino National Forest	All	AFWO
<b>Tehama</b>	Shasta Trinity National Forest except Hat Creek Ranger District (administered by Lassen National Forest)	All	YFWO
<b>Tehama</b>	All other ownerships	All	By jurisdiction (see map)
<b>Trinity</b>	BLM	All	AFWO

<b>Trinity</b>	Six Rivers National Forest	All	AFWO
<b>Trinity</b>	Shasta Trinity National Forest	All	YFWO
<b>Trinity</b>	Mendocino National Forest	All	AFWO
<b>Trinity</b>	BIA (Tribal Trust Lands)	All	AFWO
<b>Trinity</b>	County Government	All	AFWO
<b>Trinity</b>	All other ownerships	All	By jurisdiction (See map)
<b>Yolo</b>	Yolo Bypass	All	BDFWO
<b>Yolo</b>	Other	All	By jurisdiction (see map)
<b>All</b>	FERC-ESA	All	By jurisdiction (see map)
<b>All</b>	FERC-ESA	Shasta crayfish	SFWO
<b>All</b>	FERC-Relicensing (non-ESA)	All	BDFWO
<b>*Office Leads:</b>			
<b>AFWO=Arcata Fish and Wildlife Office</b>			
<b>BDFWO=Bay Delta Fish and Wildlife Office</b>			

<b>KFWO=Klamath Falls Fish and Wildlife Office</b>		
<b>RFWO=Reno Fish and Wildlife Office</b>		
<b>YFWO=Yreka Fish and Wildlife Office</b>		

Attachment



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Fish and Wildlife Service

Project name: Elk Late Successional Restoration Project

## Official Species List

### Provided by:

Yreka Fish and Wildlife Office  
1829 SOUTH OREGON STREET  
YREKA, CA 96097  
(530) 842-5763

**Consultation Code:** 08EYRE00-2016-SLI-0056

**Event Code:** 08EYRE00-2016-E-00026

**Project Type:** LAND - RESTORATION / ENHANCEMENT

**Project Name:** Elk Late Successional Restoration Project

**Project Description:** Siskiyou County approximately 10 miles NE of the Town of McCloud, CA; Timber sale of approximately 3,500 acres; thinning from below to promote late seral/old growth characteristics, aspen and oak release, dry meadow enhancement and under burning. Timing; DEIS is due to go out to public Jan. or Feb. of 2016.

**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



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**Project Location Map:**

**Not Available**

**Project Coordinates:** The coordinates are too numerous to display here.

**Project Counties:** Siskiyou, CA



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## Endangered Species Act Species List

There are a total of 16 threatened, endangered, or candidate species on your 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. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Amphibians	Status	Has Critical Habitat	Condition(s)
California red-legged frog ( <i>Rana draytonii</i> ) Population: Entire	Threatened	Final designated	
Oregon Spotted frog ( <i>Rana pretiosa</i> )	Threatened	Proposed	
<b>Birds</b>			
Northern Spotted owl ( <i>Strix occidentalis caurina</i> ) Population: Entire	Threatened	Final designated	
Yellow-Billed Cuckoo ( <i>Coccyzus americanus</i> ) Population: Western U.S. DPS	Threatened	Proposed	
<b>Conifers and Cycads</b>			
Whitebark pine ( <i>Pinus albicaulis</i> )	Candidate		
<b>Crustaceans</b>			
Conservancy fairy shrimp ( <i>Branchinecta conservatio</i> ) Population: Entire	Endangered	Final designated	



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Vernal Pool fairy shrimp ( <i>Branchinecta lynchi</i> ) Population: Entire	Threatened	Final designated	
Vernal Pool tadpole shrimp ( <i>Lepidurus packardi</i> ) Population: Entire	Endangered	Final designated	
<b>Fishes</b>			
Delta smelt ( <i>Hypomesus transpacificus</i> ) Population: Entire	Threatened	Final designated	
longfin Smelt ( <i>Spirinchus thaleichthys</i> ) Population: San Francisco Bay delta DPS	Candidate		
<b>Flowering Plants</b>			
Gentner's Fritillary ( <i>Fritillaria gentneri</i> )	Endangered		
Hoover's spurge ( <i>Chamaesyce hooveri</i> )	Threatened	Final designated	
Slender Orcutt grass ( <i>Orcuttia tenuis</i> )	Threatened	Final designated	
<b>Insects</b>			
Valley Elderberry Longhorn beetle ( <i>Desmocerus californicus dimorphus</i> ) Population: Entire	Threatened	Final designated	
<b>Mammals</b>			
fisher ( <i>Martes pennanti</i> ) Population: West coast DPS	Proposed Threatened		
Gray wolf ( <i>Canis lupus</i> )	Endangered		



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Population: U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, IA, IN, IL, KS, KY, LA, MA, MD, ME, MI, MO, MS, NC, ND, NE, NH, NJ, NV, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, and WV; and portions of AZ, NM, OR, UT, and WA. Mexico.			
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## Critical habitats that lie within your project area

The following critical habitats lie fully or partially within your project area.

Birds	Critical Habitat Type
Northern Spotted owl ( <i>Strix occidentalis caurina</i> ) Population: Entire	Final designated



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## **Appendix A: FWS National Wildlife Refuges**

There are no refuges within your project area.



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## Appendix B: FWS Migratory Birds

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, 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)). The MBTA has no otherwise lawful activities. For more information regarding these Acts see: <http://www.fws.gov/birds/policies-and-regulations/laws-legislations/migratory-bird-treaty-act.php> <http://www.fws.gov/birds/policies-and-regulations/laws-legislations/bald-and-golden-eagle-protection-act.php>

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to:

<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

For information about conservation measures that help avoid or minimize impacts to birds, please visit:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>

To search and view summaries of year-round bird occurrence data within your project area, go to the Avian Knowledge Network Histogram Tools at:

<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>

### Migratory birds of concern that may be affected by your project:

There are 23 birds on your Migratory birds of concern list.

Species Name	Bird of Conservation Concern (BCC)	Seasonal Occurrence in Project Area
Bald eagle ( <i>Haliaeetus leucocephalus</i> )	Yes	Year-round



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Brewer's Sparrow ( <i>Spizella breweri</i> )	Yes	Breeding
California spotted Owl ( <i>Strix occidentalis occidentalis</i> )	Yes	Year-round
Calliope Hummingbird ( <i>Stellula calliope</i> )	Yes	Breeding
Eared Grebe ( <i>Podiceps nigricollis</i> )	Yes	Breeding
Flammulated owl ( <i>Otus flammeolus</i> )	Yes	Breeding
Fox Sparrow ( <i>Passerella iliaca</i> )	Yes	Breeding
Green-tailed Towhee ( <i>Pipilo chlorurus</i> )	Yes	Breeding
Lewis's Woodpecker ( <i>Melanerpes lewis</i> )	Yes	Year-round
Loggerhead Shrike ( <i>Lanius ludovicianus</i> )	Yes	Year-round
Oak Titmouse ( <i>Baeolophus inornatus</i> )	Yes	Year-round
Olive-Sided flycatcher ( <i>Contopus cooperi</i> )	Yes	Breeding
Peregrine Falcon ( <i>Falco peregrinus</i> )	Yes	Year-round
Pinyon Jay ( <i>Gymnorhinus cyanocephalus</i> )	Yes	Year-round
Purple Finch ( <i>Carpodacus</i> )	Yes	Year-round



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<i>purpureus</i> )		
Sage Thrasher ( <i>Oreoscoptes montanus</i> )	Yes	Breeding
Short-eared Owl ( <i>Asio flammeus</i> )	Yes	Year-round
Snowy Plover ( <i>Charadrius alexandrinus</i> )	Yes	Breeding
Swainson's hawk ( <i>Buteo swainsoni</i> )	Yes	Breeding
Western grebe ( <i>aechmophorus occidentalis</i> )	Yes	Breeding
White-headed Woodpecker ( <i>Picoides albolarvatus</i> )	Yes	Year-round
Williamson's Sapsucker ( <i>Sphyrapicus thyroideus</i> )	Yes	Year-round
Willow Flycatcher ( <i>Empidonax traillii</i> )	Yes	Breeding



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## Appendix C: NWI Wetlands

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

**Exclusions** - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

**Precautions** - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of



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this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

The following NWI Wetland types intersect your project area in one or more locations. To understand the NWI Classification Code, see <http://wetlandsfws.usgs.gov/Data/interpreters/wetlands.aspx>.

Wetland Types	NWI Classification Code	Total Acres
Freshwater Emergent Wetland	PEMC	12.6
Freshwater Forested/Shrub Wetland	PFOC	4.92
Freshwater Forested/Shrub Wetland	PSSC	9.75
Freshwater Pond	PABG	0.393
Other	PUSC <sub>x</sub>	0.412
Riverine	R3USC	0.633