



Oregon Coordinated Aquatic Bird Monitoring:
Description of Important Aquatic Bird Site

Ankeny National Wildlife Refuge
BCS number: 47-2

Site description author(s)

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Primary contact for this site

N/A

Site location (UTM)

Datum: NAD83, Zone: 10, Easting: 493828, Northing: 4960398

General description

“Ankeny National Wildlife Refuge is located in the fertile Willamette Valley of northwestern Oregon. [...] Elevations range between 180 to 290 feet msl. [...] The Refuge consists of 1,765 acres of cropland [...] 600 acres of riparian forests, and 500 acres of shallow water seasonal wetlands” (USFWS, 2010).

Boundaries and ownership

Boundaries: “Refuge is situated in open farmland near the confluence of the Santiam and Willamette rivers in the middle of the broad Willamette Valley,” (USFWS, 2010). The city of Talbot, OR lies to the south; Rosedale, OR to the north; Sidney, OR to the west and the highway Oregon Route 99E/Pacific Highway to the east.

Ownership: Federal/FWS - National Wildlife Refuge (National Audubon Society, 2010).

Water levels

Flooding occurs in the winter and low water levels occur in the summer (USFWS 2010). “[Willamette] valley wetlands were once extensive, with meandering stream channels and vast seasonal marshes. Today, the valley is a mix of farmland and growing cities” (NRRS, 2010).

Focal species use and timing

“Grass fields provide forage for wintering goose flocks, and restored wetlands provide roosting habitat for geese, as well as habitat for other waterfowl and water birds” (National Audubon Society, 2010).

Focal Group/Species	Wintering	Breeding	Migration
Secretive Marsh Bird Group	Present	Present	Present
Colonial Nesting Bird Group	Present	Present	Present
Migrating Shorebird Group	Present	Present	Present
Ground-based Waterbird Group	Present	Present	Present
American Bittern	Unknown	Present	Present
American White Pelican	Unknown	Unknown	Unknown
Barrow's Goldeneye	Unknown	Unknown	Unknown
Black Tern	Unknown	Present	Present
Black-crowned Night Heron	Unknown	Rare	Rare
Black-necked Stilt	Absent	Present	Present (Spring)
Bufflehead	Present	Absent	Present
California Gull	Present	Rare	Present
Caspian Tern	Unknown	Rare	Rare
Clark's Grebe	Accidental	Accidental	Accidental
Common Loon	Accidental	Accidental	Accidental
Dusky Canada Goose	Present	Absent	Present
Eared Grebe	Rare	Unknown	Rare
Forster's Tern	Unknown	Rare	Rare
Franklin's Gull	Unknown	Unknown	Unknown
Great Blue Heron	Present	Present	Present
Greater Sandhill Crane	Unknown*	Unknown*	Unknown*
Green Heron	Present	Present	Present
Least Bittern	Accidental	Accidental	Accidental
Lesser Sandhill Crane	Unknown*	Unknown*	Unknown*
Long-billed Curlew	Absent	Rare	Rare
Pied-billed Grebe	Present	Present	Present
Red-necked Grebe	Unknown	Unknown	Unknown
Snowy Egret	Accidental	Accidental	Accidental
Sora	Present	Present	Present
Upland Sandpiper	Unknown	Unknown	Unknown
Virginia Rail	Present	Present	Present
Western Grebe	Present	Rare	Present
Western Snowy Plover	Unknown	Unknown	Unknown
White-faced Ibis	Accidental	Accidental	Accidental
Yellow Rail	Unknown	Unknown	Unknown

Location of Type 1 and 2 habitat within the site

The site is 63% herbaceous planted/cultivated/pasture/hay/grass/hay field, 17% wetlands/emergent herbaceous wetlands/marsh (cattail/ mixed emergent) and 17% wetlands/woody wetlands/riparian corridor (National Audubon Society, 2010).

Functional Group	Type 1 Habitat	Type 2 Habitat
Ground Based Aquatic Birds	Wetlands / Riparian Corridor	Unknown
Secretive Marsh Birds	Marsh (cattail/ mixed emergent)	Unknown
Colonial Nesters	Wetlands / Woody Wetlands / Riparian Corridor	Unknown
Migrating Shorebirds	Wetlands / Emergent Herbaceous Wetlands	Unknown

Access to Type 1 and Type 2 habitats

- “Refuges, including roads and trails, are open from sunrise to sunset. [...] Boats and Rafts are prohibited on Refuge wetlands and ponds” (USFWS, 2010).
- See Figure 2 for general road access.

Audibility/visibility of focal species

Unknown

Conservation issues

“Invasion of non-native plant species is an ongoing problem that requires repeated chemical and mechanical treatment of vegetation. Succession of woody vegetation into the wet prairie is a problem in a small area of the refuge. Prairie restoration needs to take place in degraded prairie areas and retired farm fields by controlling invasive plants through mechanical, and chemical control; controlling encroaching woody species through mechanical removal and fire; and reintroducing native prairie plant species. Planting riparian tree and shrub species is needed to expand riparian habitat” (Contributed by Karen Viste-Sparkman via National Audubon Society, 2010).

Conservation measures taken, in progress, or proposed

The primary management goal of Ankeny National Wildlife Refuge is to provide high quality wintering habitat for geese, especially the dusky Canada goose (USFWS, 2010).

Past and current surveys

1. Dusky Canada Goose non-breeding seasonal and/or daily surveys 2000-2002. (National Audubon Society, 2010).
2. American Wigeon non-breeding daily survey, 2000, by USFWS (National Audubon Society, 2010).
3. Mallard daily survey, 1998 and 2000 (National Audubon Society, 2010).
4. Northern Pintail daily survey, 2000 and 2001 (National Audubon Society, 2010).
5. Green-winged Teal non-breeding daily survey, 2000 and 2009 (National Audubon Society, 2010).
6. Dunlin non-breeding daily survey, 2009 (National Audubon Society, 2010).

Potential survey methods

Description: (describe survey methods that are appropriate for your site and recommend the best means in which to complete them considering the limitations and history above. Include information on suggested standardized or specialized protocols)

Unknown

Selection bias: (Discuss the potential for selection bias when designing a survey in the future, especially when sub-sample of the site will be studied. Point out how bias could be introduced and recommend ways to prevent this)

Unknown

Measurement error and bias:

Unknown

Potential pilot studies

Unknown

Literature cited

- Google. 2010. United States Government Fish and Wildlife Service: Ankeny National Wildlife Refuge.
<http://maps.google.com/maps/place?cid=10745133524469925549&q=ankeny%2Bwildlife%2Brefuge&hl=en>. Accessed February 05, 2010.
- National Audubon Society. 2010. Important Bird Areas in the U.S.
Available at <http://www.audubon.org/bird/iba>. Accessed February 05, 2010.
- National Recreation Reservation Service (NRRS). Ankeny National Wildlife Refuge.
<http://www.recreation.gov/recAreaDetails.do?contractCode=NRSO&recAreaId=3995&agencyCode=127>. Accessed February 05, 2010.
- U. S. Fish and Wildlife Service (USFWS). 2010. Ankeny National Wildlife Refuge. U. S. Department of the Interior, Fish and Wildlife Service, Washington, D.C.
<http://www.fws.gov/willamettevalley/ankeny>. Accessed February 05, 2010.

Figure 1. USFWS (2010) Ankeny National Wildlife Refuge Map.

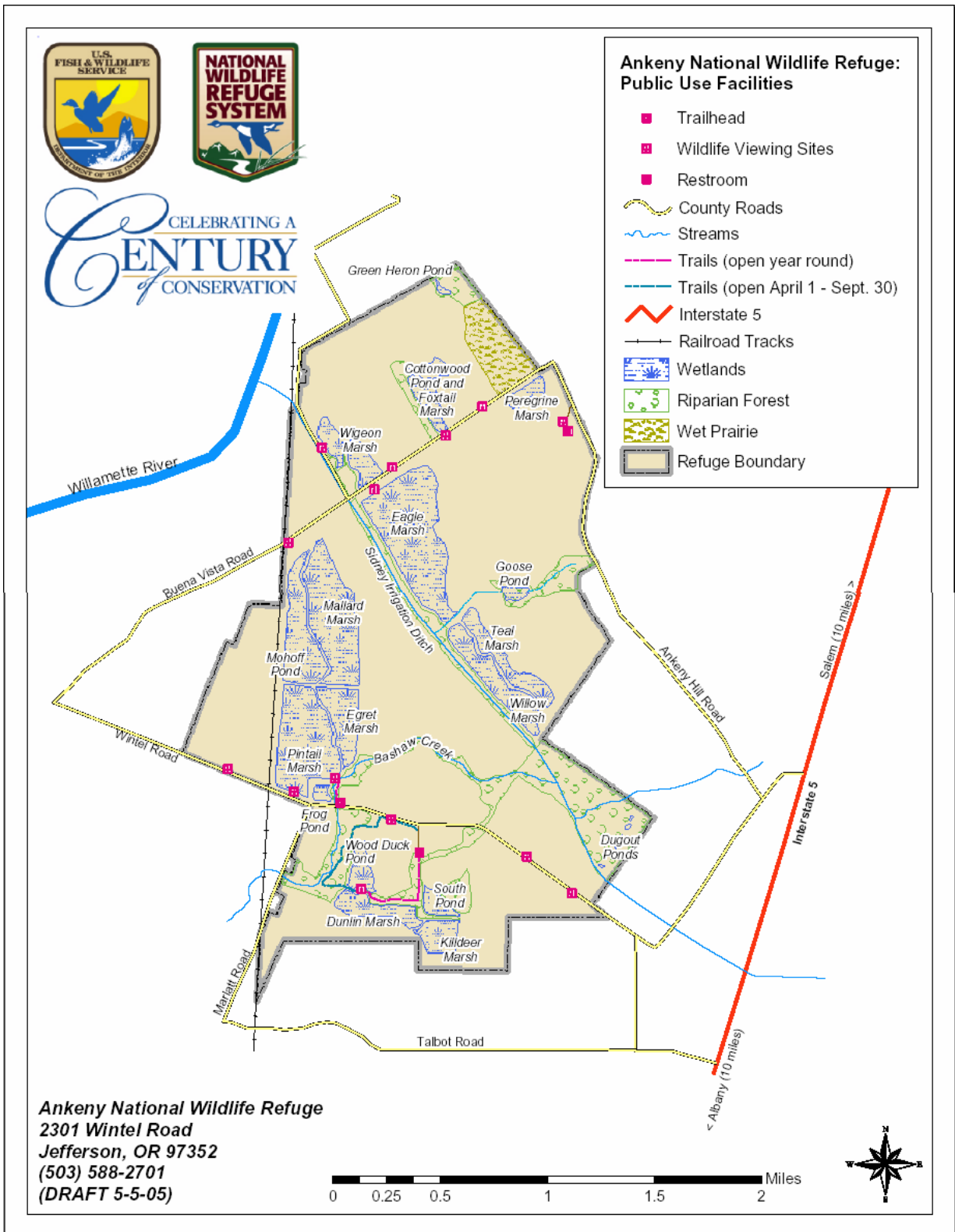


Figure 2. Google. (2010) road view map of Ankeny National Wildlife Refuge.

