



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

Killin Wetland (Cedar Canyon Marsh)
BCS number: 47-15

*****NOTE:** *We were unable to determine all necessary information for this site description. If you would like to contribute the needed information to this description, please contact the Klamath Bird Observatory at kbo@klamathbird.org*

Site description author(s)

Danielle Morris, Research and Monitoring Team, Klamath Bird Observatory

Primary contact for this site

N/A

Site location (UTM)

Datum: NAD83, Zone: 10, Easting: 486747, Northing: 5051842

General description

“Killin Wetland, roughly 373 acres, is located in the bottomland of Park Farms Creek. Wetland habitats include reed canarygrass, cattails, willows, sedges, and rushes. Edge habitat is comprised of mature 2nd-growth Douglas-fir, Western redcedar, Oregon white oak, bigleaf maple, alder species & other deciduous trees and shrubs. Killin Wetland has one of the highest densities of American Bittern in the state.... They're quite visible from late Jan thru mid-May (before the vegetation grows taller). Shorebird numbers (numerous species) exceeding 100 individuals are frequent here in spring and fall.” (National Audubon Society 2010)

Boundaries and ownership

Boundaries:

Killin Wetlands is bordered to its south by OR Hwy 6 and to its north by private farmland. NW Cedar Canyon Rd. runs E-W through the marsh. The marsh is fed by Park Farms Creek & Sadd Creek. (Birding Washington County 2004)
See Figure 1.

Ownership:

Metro Regional Parks & Greenspaces

Water levels

Briefly outline historical water levels, since being managed. What causes water level fluctuations? How does water level fluctuate throughout the year?

“Runoff from heavy rain & snowmelt will inundate the wetland making the viewing a totally different experience from normal water level conditions.” (Birding Washington County 2004)

Focal species use and timing

Focal Group/Species	Wintering	Breeding	Migration
Secretive Marsh Bird Group	Present ¹	Present ¹	Unknown
Colonial Nesting Bird Group	Unknown	Present	Unknown
Migrating Shorebird Group	Unknown	Present	Present ¹
Ground-based Waterbird Group	Unknown	Present ¹	Unknown
American Bittern	Present ¹	Present ¹	Unknown
American White Pelican	Unknown	Unknown	Unknown
Barrow's Goldeneye	Unknown	Unknown	Unknown
Black Tern	Unknown	Unknown	Unknown
Black-crowned Night Heron	Unknown	Unknown	Unknown
Black-necked Stilt	Unknown	Unknown	Unknown
Bufflehead	Unknown	Unknown	Unknown
California Gull	Unknown	Unknown	Unknown
Caspian Tern	Unknown	Unknown	Unknown
Clark's Grebe	Unknown	Unknown	Unknown
Common Loon	Unknown	Unknown	Unknown
Dusky Canada Goose	Unknown	Unknown	Unknown
Eared Grebe	Unknown	Unknown	Unknown
Forster's Tern	Unknown	Unknown	Unknown
Franklin's Gull	Unknown	Unknown	Unknown
Great Blue Heron	Unknown	Unknown	Unknown
Greater Sandhill Crane	Unknown	Unknown	Unknown
Greater Yellowlegs	Unknown	Present ¹	Unknown
Green Heron	Unknown	Unknown	Unknown
Least Bittern	Unknown	Unknown	Unknown
Lesser Sandhill Crane	Unknown	Unknown	Unknown
Long-billed Curlew	Unknown	Unknown	Unknown
Pied-billed Grebe	Unknown	Unknown	Unknown
Red-necked Grebe	Unknown	Unknown	Unknown
Snowy Egret	Unknown	Unknown	Unknown
Sora	Unknown	Present ¹	Unknown
Upland Sandpiper	Unknown	Unknown	Unknown
Virginia Rail	Unknown	Present ¹	Unknown
Western Grebe	Unknown	Unknown	Unknown
Western Snowy Plover	Unknown	Unknown	Unknown
White-faced Ibis	Unknown	Unknown	Unknown
Yellow Rail	Unknown	Unknown	Unknown

Birding Washington County 2004¹

Location of Type 1 and 2 habitat within the site

Functional Group	Type 1 Habitat	Type 2 Habitat
Ground Based Aquatic Birds	Unknown	Unknown
Secretive Marsh Birds	Unknown	Unknown
Colonial Nesters	Unknown	Unknown
Migrating Shorebirds	Unknown	Unknown

Access to Type 1 and Type 2 habitats

This site is closed to the public at this time and is not to be used as a leisure spot for any type of recreation. “Access is limited to the road & shoulders only at this time. There is restoration work in progress so you may see volunteers performing some of that from time to time. Pets belong at home.” (Birding Washington County 2004)

Audibility/visibility of focal species

Describe any issues that would diminish the detectability of birds. e.g Secretive marsh birds are difficult to detect due to hwy noise
Unknown

Conservation issues

According to National Audubon Society, 2010:

- Agricultural intensification/expansion
- Disturbance to birds
- Invasive species / Non-native animals (other than birds)

Conservation measures taken, in progress, or proposed

Objectives proposed by the Metro 2006 Natural Areas Program:

“Tier I Objective

- Protect additional lands adjacent to the Killin Wetlands Natural Area for habitat protection and to provide wildlife viewing opportunities.

Tier II Objective

- Protect natural corridors along creek tributaries that feed into Killin Wetlands to protect wildlife habitat and water quality.” (Metro Data Resource Center 2007)

See Figure 3.

Past and current surveys

Briefly describe past and or current surveys, and how completed. Refer to certain protocols/other documents or persons (list contact info) if survey specifics are unknown

Unknown

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

- Birding Washington County. 2004. Site Guide: Killin Wetlands, Banks, Washington County, Oregon. Submitted by Dennis E. Manzer.
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- Google, Inc. 2010. Killin Wetlands. Google Earth (Version 5.1.3533.1731) [Software]. Available from <http://earth.google.com>. Accessed March 01, 2010.
- Google Map. 2010. Road view map of Killin Wetlands (Cedar Canyon Marsh).
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http://library.oregonmetro.gov/files/killin_wetlands_map_goals_and_objectives.pdf. Accessed March 02, 2010.
- National Audubon Society. 2010. Important Bird Areas in the U.S.
<http://www.audubon.org/bird/iba>. Accessed March 01, 2010.
- U. S. Fish and Wildlife Service (USFWS). 2010. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C.
<http://www.fws.gov/wetlands/>. Accessed March 01, 2010.

Figure 1: Google Earth (2010) map of Killin Wetlands with the USFWS National Wetlands Inventory (2010) layer.



Figure 2: Google Map (2010) road view map of Killin Wetlands (Cedar Canyon Marsh).



