

Level 4 Potential Conservation Area (PCA) Report

Name Windemere Lake

Site Code S.USCOHP*6454

IDENTIFIERS

Site ID 1128 Site Class PCA
Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

LOCATORS

Nation United States Latitude 403104N
State Colorado Longitude 1065910W

Quad Code Quad Name
40106-E8 Mad Creek

County
Routt (CO)

Watershed Code Watershed Name
14050001 Upper Yampa

SITE DESCRIPTION

Minimum Elevation	6,678.00 Feet	2,035.00 Meters
Maximum Elevation	6,678.00 Feet	2,035.00 Meters

Site Description

Windemere Lake is a result of the diversion of Fawn Creek since 1892. The lake is 1.6 m (1 mi) long by 0.8 m (0.5 mi) wide. Windemere Lake is dominated by *Scirpus tabernaemontani* (bulrush) community. The site was probably a natural wet meadow before enhancement with water diverted from Fawn Creek. The alkaline soils indicate that the area has been permanently flooded for approximately 80-100 years. It supports a variety of waterfowl, song birds, red and yellow-winged blackbirds, and shore birds. The drier uplands nearby support adventive grasses. The area is presently lightly grazed by horses.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 01/06/1997
Designer Culver, D.R.

Boundary Justification

Boundaries are drawn to encompass the elements and the processes that support them.

Primary Area 194.45 Acres 78.69 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site supports a fair occurrence of *Scirpus tabernaemontani* wetland. The site contains a human-made lake, however, it is unique for it is the only known occurrence of *Scirpus tabernaemontani* wetland in Routt County's private lands.

Other Values Rank No Data

Other Values Comments

No Data

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LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

Additional research needs to be performed regarding birds' use of the lake as a spring and fall stopover, as well as nesting habitat. Also, research by boat is necessary to document the aquatic plants and amphibians in the middle of the lake and around the 'islands' of vegetation.

ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global</u>	<u>State</u>	<u>Driving</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
24564	<i>Schoenoplectus acutus</i> - <i>Typha latifolia</i> - (<i>Schoenoplectus tabernaemontani</i>) Sandhills Herbaceous Vegetation	Great Plains Marsh	G4	S2S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
168083	Culver, D.R. and J. Sanderson. 1996. Final Report: A Natural Heritage Assessment of Wetlands and Riparian Areas in Routt County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/06/1997
Version Author	Culver, D.R.

Disclaimer

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