

Level 4 Potential Conservation Area (PCA) Report

Name Chatfield Lake

Site Code S.USCOHP2*2585

IDENTIFIERS

Site ID 1755 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 393100N
State Colorado Longitude 1050441W

Quad Code Quad Name

39105-E1 Littleton

County

Douglas (CO)

Jefferson (CO)

Watershed Code Watershed Name

10190002 Upper South Platte

SITE DESCRIPTION

Minimum Elevation - Feet - Meters
Maximum Elevation - Feet - Meters

Site Description

Chatfield Lake is a result of a dam on the South Platte River. At the southern part of the lake, where the effects of the dam are weakened, a wetland and groves of cottonwood trees are found. This area is known to harbor breeding colonies of Great Blue Herons and Double Crested Cormorants. The foraging adult Great Blue Herons utilize a large area, but concentrate in the marshes and shores of the Chatfield Lake area. The Cormorants feed in the more open water of the reservoir.

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 04/22/1997

Designer Spackman, S.C.

Boundary Justification

The site includes the occurrence and a small buffer to allow additional individuals to become established over time. The buffer is also designed to protect from direct disturbances. The level of the reservoir will play a large role in the survival of this occurrence.

Primary Area 582.08 Acres 235.56 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A fair (C-ranked) occurrence of a state rare (G5S2) plant species.

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

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
16957	<i>Ribes americanum</i>	American currant	G5	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	04/22/1997
Version Author	Spackman, S.C.

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