

Level 4 Potential Conservation Area (PCA) Report

Name Corral Creek

Site Code S.USCOHP*4017

IDENTIFIERS

Site ID 233 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 393152N
State Colorado Longitude 1061204W

Quad Code Quad Name

39106-E2 Vail Pass

County

Summit (CO)

Eagle (CO)

Watershed Code Watershed Name

14010003 Eagle

14010002 Blue

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

From about 12,300 feet above sea level small tributaries drain from the west slope of the Gore Range into Corral Creek, which then meets West Tenmile Creek at approximately 10,400 feet. Engelmann spruce (*Picea engelmannii*) and subalpine fir (*Abies lasiocarpa*) dominate the slopes and willows (*Salix* spp.) dominate the riparian area. The site includes approximately 1200 acres.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 04/05/1996

Designer Ellingson, A.R.

Boundary Justification

The planning boundary includes the Colorado River cutthroat trout (*Oncorhynchus clarkii pleuriticus*) occurrence and its adjacent contiguous habitat on this short creek. Since this local watershed is so small, the watershed boundary is recommended as a buffer to prevent disturbance of the aquatic habitat. The small portion of the creek south of Interstate 70 is not included in the site.

Primary Area 1,570.63 Acres 635.61 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

The Colorado River cutthroat trout (*Oncorhynchus clarkii pleuriticus*) is a U.S. Forest Service Sensitive and a State Special Concern species. The introduction of non-native trout species, dating to 1872 in Colorado, is considered a primary cause for the decline in numbers and genetic purity of Colorado River cutthroat trout. The populations of Colorado River cutthroat that are still genetically intact are now a priority for conservation. Corral Creek is a small headwater stream which does contain Brook trout, and the population of Colorado

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River cutthroat trout still seems to be genetically pure and therefore this is an important site for this species.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Hydrological processes originating outside of the planning boundary, including water quality, quantity, and timing, must be managed to maintain population and community viability.

Information Needs

No Data

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>
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	04/05/1996
Version Author	Ellingson, A.R.

Disclaimer

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