

# Level 4 Potential Conservation Area (PCA) Report

Name Fryingpan River

Site Code S.USCOHP\*4013

## IDENTIFIERS

Site ID 741 Site Class PCA  
Site Alias Fryingpan Lake

### 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 391330N  
State Colorado Longitude 1063036W

### Quad Code Quad Name

39106-C5 Nast  
39106-B5 Mount Champion

### County

Pitkin (CO)

### Watershed Code Watershed Name

14010004 Roaring Fork

## SITE DESCRIPTION

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

### Site Description

The Fryingpan River flows north from its headwaters at about 12,000 feet and drops gently over a 2 mile distance before flowing into Fryingpan Lake at about 11,000 feet. This open U-shaped glacially carved valley supports good quality willow carrs with small breaks of subalpine meadows. Adjacent upland areas include spruce-fir (*Picea engelmannii*-*Abies lasiocarpa*) forests with scattered lodgepole pines (*Pinus contorta*), avalanche chutes and rock outcrops. A trail winds along the river. This PCA ranges in elevation from about 9,000 feet to about 12,600 feet. Alpine habitat is present at higher elevations. Approximately 2,600 acres are included in the PCA boundaries.

### 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 04/04/1996

Designer Ellingson, A.R.

### Boundary Justification

The planning boundary includes the headwaters and major tributaries of this creek as well as a 1000 foot upland buffer which should be sufficient to limit direct physical disturbance and local hydrological alteration. Hydrological processes originating outside of the planning boundary, including water quality, quantity, and timing, should be managed to maintain population and community viability.

Primary Area 2,567.30 Acres 1,038.95 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

The biodiversity rank of this PCA is driven by the presence of a good occurrence of a globally-vulnerable plant community. The Colorado River cutthroat trout (*Oncorhynchus clarki pleuriticus*) has also been documented in this PCA. This subspecies is considered Sensitive by the U.S. Forest Service and is on the

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State Special Concern list. The greatest threat to the continued viability of Colorado River cutthroat trout is the introduction and migration of non-native fish species. Competition with brook trout and hybridization with rainbow trout are threats to this subspecies (Behnke 1992).

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>
24836	<i>Salix planifolia</i> / <i>Caltha leptosepala</i> Shrubland	Subalpine Riparian Willow Carr	G4	S4	No
24473	<i>Salix drummondiana</i> / <i>Calamagrostis canadensis</i> Shrubland	Lower Montane Willow Carrs	G3	S3	Yes
24684	<i>Abies lasiocarpa</i> / <i>Alnus incana</i> Forest	Montane Riparian Forests	G5	S5	No
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

<b>Version Date</b>	05/04/1999
<b>Version Author</b>	Spackman, S.C.

## Disclaimer

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