

# Level 4 Potential Conservation Area (PCA) Report

Name Kawuneeche Valley

Site Code S.USCOHP\*1365

## IDENTIFIERS

Site ID 246 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 402048N  
State Colorado Longitude 1055158W

<u>Quad Code</u>	<u>Quad Name</u>
40105-D7	Fall River Pass
40105-C7	Grand Lake
40105-C8	Bowen Mountain

County  
Grand (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14010001	Colorado headwaters

## SITE DESCRIPTION

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

### Site Description

The site surrounds the Colorado River, characterized by a wide river valley with willows and sedges. There is seasonal flooding and active beaver dams. Uplands are dominated by lodgepole pine (*Pinus contorta*), Engelmann spruce (*Picea engelmannii*) and subalpine fir (*Abies lasiocarpa*). There is a minor diversion upstream and willows show signs of browsing by ungulates, but overall site condition is good.

### 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 04/03/1995  
Designer Simonson, S.

### Boundary Justification

This boundary encompasses occurrences in the valley and on surrounding forested slopes to the west of the valley. This should be adequate to prevent direct disturbance or degradation of the wetland and aquatic habitats and the adjacent forested slopes due to recreational development and other activities.

Primary Area 6,038.75 Acres 2,443.80 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

Rank is based on an excellent to good (AB-ranked) occurrence of a globally rare (G3/S3) community, *Salix geyeriana* - *Salix monticola* / *Calamagrostis canadensis* shrubland. There is also a good (B-ranked) occurrence of a state rare (G5/S3) *Salix geyeriana* / *Calamagrostis canadensis* willow carr and historical occurrences of the state rare (G5/S3) wood frog (*Rana sylvatica*).

Other Values Rank No Data

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## Other Values Comments

No Data

## LAND MANAGEMENT ISSUES

## Land Use Comments

No Data

## Natural Hazard Comments

No Data

## Exotics Comments

No Data

## Offsite

Forestry and development projects upslope and upstream on all sides of the valley may threaten the occurrences by changing water quality, altering the hydrologic regime, and disrupting other ecological processes.

## Information Needs

Current surveys are needed to verify wood frog occurrences.

## 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>
17095	<i>Rana sylvatica</i>	Wood Frog	G5	S3	No
17095	<i>Rana sylvatica</i>	Wood Frog	G5	S3	No
17095	<i>Rana sylvatica</i>	Wood Frog	G5	S3	No
24194	<i>Carex leptalea</i>	bristle-stalk sedge	G5	S1	No
24489	<i>Salix geyeriana</i> - <i>Salix monticola</i> / <i>Calamagrostis canadensis</i> Shrubland	Montane Willow Carrs	G3	S3	Yes
24658	<i>Salix geyeriana</i> / <i>Carex aquatilis</i> Shrubland	Montane Willow Carr	G3	S3	Yes
24500	<i>Salix geyeriana</i> / <i>Calamagrostis canadensis</i> Shrubland	Montane Riparian Willow Carr	G5	S3	No
24890	<i>Salix geyeriana</i> / Mesic Graminoids Shrubland	Geyer's Willow/Mesic Graminoid	G3?	S3	Yes

## REFERENCES

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

## ADDITIONAL TOPICS

## Additional Topics

No Data

## VERSION

<b>Version Date</b>	04/03/1995
<b>Version Author</b>	Simonson, S.

## Disclaimer

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