

# Level 4 Potential Conservation Area (PCA) Report

Name South Fork Republican River

Site Code S.USCOHP\*25511

## IDENTIFIERS

Site ID 2227 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 392334N  
State Colorado Longitude 1024438W

<u>Quad Code</u>	<u>Quad Name</u>
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39102-D5	Tuttle
39103-B1	Hugo 4 NE
39102-F1	Hale Ponds
39102-E4	Idalia SW
39102-E5	Kirk
39102-C7	Seibert
39102-D7	Seibert NE
39102-D6	Stratton NW
39103-B2	Hugo 4 NW
39103-A3	Clifford
39102-F2	Bonny Reservoir North
39102-C8	Flagler Reservoir
39102-E2	Bonny Reservoir South
39103-C1	Flagler
39102-E3	Idalia SE
39103-B3	Sevenmile Ranch
39102-E1	Bonny Reservoir SE

### County

Kit Carson (CO)  
Lincoln (CO)  
Cheyenne (KS)  
Yuma (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
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11020011	Big Sandy
10250003	South Fork Republican

## SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

### Site Description

The site is open water and shorelines and includes the mainstem of the South Fork Republican River and surrounding large lakes and reservoirs. The site is roughly 43% grasslands or mixed grasses, 22% agricultural lands, 21% shrublands or mixed shrubs, 8% riparian/open water and 6% cottonwood. Mature cottonwood trees are present. In addition to Bald Eagles, other biologically significant species include giant floater, two-spotted skipper, yellow mud turtle, regal fritillary and loess prairie natural community (*Schizachyrium scoparium*-*Bouteloua curtipendula*).

### Key Environmental Factors

No Data

### Climate Description

No Data

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## Land Use History

No Data

## Cultural Features

No Data

### SITE DESIGN

Site Map P - Partial

Mapped Date 03/15/2005

Designer Sovell, J.R.

## Boundary Justification

The boundary was drawn primarily for Bald Eagles to include large reservoirs with trees in proximity to the South Fork Republican River and its major drainages. The river was buffered 1/2 mile. All lakes and reservoirs 100 acres or larger, within 15 miles of the river, were included. Only Flagler Reservoir and Bonny Reservoir met those criteria. In addition, the boundary was extended slightly south to include the northern portion of Bonny Creek.

Primary Area 62,512.04 Acres

25,297.83 Hectares

### SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

## Biodiversity Significance Comments

The site supports an extant occurrence of the state rare (G4/S1B) Bald Eagle (*Haliaeetus leucocephalus*).

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

No Data

## 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>
21249	<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S1B,S3N	Yes

### REFERENCES

## Reference ID

## Full Citation

192546

Central Shortgrass Prairie Bird Working Group. 2004. Meeting held on July 29, 2004 at CSU. Participants included personnel from CNHP, Rocky Mountain Bird Observatory, Colorado Division of Wildlife and Playa Lakes Joint Venture.

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 03/15/2005

Version Author Sovell, J.R.

### Disclaimer

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