

# Level 4 Potential Conservation Area (PCA) Report

Name West Paradox Creek

Site Code S.USCOHP\*5796

## IDENTIFIERS

Site ID 1447 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 382254N  
State Colorado Longitude 1085949W

### Quad Code Quad Name

38108-D8 Roc Creek  
38109-D1 Buckeye Reservoir

### County

Montrose (CO)

### Watershed Code Watershed Name

14030002 Upper Dolores

## SITE DESCRIPTION

<b>Minimum Elevation</b>	5,300.00	<b>Feet</b>	1,615.00	<b>Meters</b>
<b>Maximum Elevation</b>	6,000.00	<b>Feet</b>	1,829.00	<b>Meters</b>

### Site Description

Site is located in a steep canyon where West Paradox Creek enters the Paradox Valley. It supports a moist, montane habitat along the creek. [Lyon and Sovell 2000] The riparian zone of West Paradox Creek was surveyed by CNHP in 1991, as part of the Riparian Classification Project (Kittel et al. 1991). Researchers reported a very narrow valley with steep banks. Soils are sandy with boulders. Douglas-fir provides a canopy cover of 10%, with shrubs along the bank accounting for 40% cover. In addition to red-osier dogwood, shrubs include skunkbrush, coyote willow, Utah juniper, and thinleaf alder. There is a very sparse grass and forb component in the understory of this community.

### 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 03/13/2000

Designer Lyon, M.J. and J.R. Sovell

### Boundary Justification

The boundary of this site includes the riparian zone of West Paradox Creek in the section that was surveyed in 1991, as well as some uplands adjacent to the creek. Upland areas contribute significantly to the hydrological functioning of the river. Disturbance in the upland vegetation resulting in increased erosion can negatively impact the quality of the river and its riparian community.

Primary Area 102.94 Acres 41.66 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This site contains a good to excellent occurrence of a Douglas-fir forest that is apparently globally secure, but rare in Colorado, with fewer than ten stands documented. This occurrence is the best one known in Montrose County.

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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

Offsite hydrological alterations need to be addressed.

## 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>
24989	<i>Pseudotsuga menziesii</i> / <i>Cornus sericea</i> Woodland	Lower Montane Riparian Forests	G4	S2	Yes

### REFERENCES

## Reference ID

## Full Citation

-

No Data

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 03/13/2000

Version Author Lyon, M.J. and J.R. Sovell

### Disclaimer

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