

# Level 4 Potential Conservation Area (PCA) Report

Name Cascade Creek at Osier

Site Code S.USCOHP2\*2056

## IDENTIFIERS

Site ID 934 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 370134N  
State Colorado Longitude 1062216W

### Quad Code Quad Name

37106-A3 Osier  
37106-A4 Cumbres

### County

Conejos (CO)

### Watershed Code Watershed Name

13010005 Conejos

## SITE DESCRIPTION

Minimum Elevation	9,600.00 Feet	2,926.00 Meters
Maximum Elevation	10,800.00 Feet	3,292.00 Meters

### Site Description

This site includes the floodplain of Cascade Creek from the intersection of the Rio de los Pinos to the headwaters. The site encompasses approximately 3.3 miles of Cascade Creek. This site was drawn to ensure the Rio Grande cutthroat trout population inhabiting Cascade Creek has sufficient habitat at the known location and further upstream. Rio Grande cutthroat trout thrive in waters with a matrix of pools and riffles, in-stream boulders and other structure, good riparian vegetation cover, and mild slopes (Trotter 1987).

### 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 02/01/2000  
Designer Schorr, R.A.

### Boundary Justification

The boundaries are drawn to provide habitat for the occurrence of cutthroat trout. The boundary of this site is limited to 300 meters on either side of the creek to provide adequate riparian vegetation for cover and possible prey (insect) needs, yet this potential conservation area, in and of itself, may not be sufficient to ensure the persistence of the population. Ecological processes or environmental impacts that originate upstream of the site may affect the viability of this occurrence.

Primary Area 842.25 Acres 340.85 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This site contains a good occurrence of a fish subspecies that is vulnerable on a global scale.

Other Values Rank No Data

### Other Values Comments

No Data

# Level 4 Potential Conservation Area (PCA) Report

Name Cascade Creek at Osier

Site Code S.USCOHP2\*2056

## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

### Natural Hazard Comments

No Data

### Exotics Comments

No Data

### Offsite

No Data

### Information Needs

Need to verify boundaries with on-site visit.

## ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
20205	<i>Oncorhynchus clarkii virginalis</i>	Rio Grande Cutthroat Trout	G4T3	S3	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
165924	Kettler, S., J. Rocchio, R. Schorr, J. Burt. 2000. Biological Inventory of Rio Grande and Conejos Counties, Colorado. Unpublished report prepared for The Nature Conservancy. 234 pp.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

**Version Date** 02/01/2000  
**Version Author** Schorr, R.A.

## Disclaimer

# Level 4 Potential Conservation Area (PCA) Report

Name Cascade Creek at Osier

Site Code S.USCOHP2\*2056

These data are a product and property of Colorado State University, Colorado Natural Heritage Program (CNHP). These data are strictly "on loan" and should be considered "works in progress". Data maintained in the Colorado Natural Heritage Program database are an integral part of ongoing research at CSU and reflect the observations of many scientists, institutions and our current state of knowledge. These data are acquired from various sources, with varying levels of accuracy, and are continually being updated and revised. Many areas have never been surveyed and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. These data should not be regarded as a substitute for on-site surveys required for environmental assessments. Absence of evidence is NOT evidence of absence. Absence of any data does not mean that other resources of special concern do not occur, but rather CNHP files do not currently contain information to document this presence. CNHP is not responsible for whether other, non-CNHP data providers have secured landowner permission for data collected.

**These data are provided for non-commercial purposes only.** Under no circumstances are data to be distributed in any fashion to outside parties. To ensure accurate application of data, tabular and narrative components must be evaluated in conjunction with spatial components. Failure to do so constitutes a misuse of the data. The Colorado Natural Heritage Program shall have no liability or responsibility to the data users, or any other person or entity with respect to liability, loss, or damage caused or alleged to be caused directly or indirectly by the data, including but not limited to any interruption of service, loss of business, anticipatory profits or indirect, special, or consequential damages resulting from the use of operation of the data. Data users hereby agree to hold CNHP, Colorado State University, and the State of Colorado harmless from any claim, demand, cause of action, loss, damage or expense from or related to data users use of or reliance on the data, regardless of the cause or nature thereof, and even in the event that such cause is attributable to the negligence or misconduct of CNHP.

These data are provided on an as-is basis, as-available basis without warranties of any kind, expressed or implied, INCLUDING (BUT NOT LIMITED TO) WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Although CNHP maintains high standards of data quality control, CNHP, Colorado State University, and the State of Colorado further expressly disclaim any warranty that the data are error-free or current as of the date supplied