

# Level 4 Potential Conservation Area (PCA) Report

Name George Creek

Site Code S.USCOHP1\*2194

## IDENTIFIERS

Site ID 1312 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 405346N  
State Colorado Longitude 1053542W

<u>Quad Code</u>	<u>Quad Name</u>
40105-H5	Diamond Peak
40105-H6	Eaton Reservoir

### County

Larimer (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190007	Cache La Poudre

## SITE DESCRIPTION

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

### Site Description

The site is an approximately 4 mile reach of George Creek and approximately three miles of Cornelius Creek in the montane zone of the Rocky Mountain foothills. The upper reaches of the site are forested while the lower reaches are within a graminoid dominated valley. Cornelius Creek has no natural falls or barriers to limit exotic fish from moving upstream into this site. George Creek exhibits a failed barrier.

### 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 09/12/1994  
Designer Pague, C.A.

### Boundary Justification

The boundary includes a four mile reach of George Creek below a waterfall and a three mile reach of Cornelius Creek. The site also includes a 300 meter buffer to protect ecological processes of the aquatic and riparian habitats.

Primary Area 2,493.73 Acres 1,009.18 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

Rank is based on extant occurrences of a globally vulnerable (G4T2T3/S2) subspecies, Greenback cutthroat trout. Due to a failed barrier, Brown and Brook trout have invaded the site and there are few cutthroat left. No interbreeding of these species with the Greenback have been observed; however, competition exists. CDOW does not utilize this site as a species recovery location for the Greenback trout.

Other Values Rank No Data

### Other Values Comments

This is one of few low elevation populations.

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## 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>
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	Yes
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	Yes
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	No

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
162496	Management Recommendation Meetings for Larimer County Inventory. 1996. Personal communications from Ron Ryder, Rick Knight, Ken Kehmeier, Randy Van Buren, Francie Pusateri, Lauren Livo, and Kevin Benstgen.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

Version Date 09/12/1994

Version Author Pague, C.A.

## Disclaimer

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