

# Level 4 Potential Conservation Area (PCA) Report

Name South Canal

Site Code S.USCOHP\*18466

## IDENTIFIERS

Site ID 153 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>
2465	S.USCOHP*27034	Adobe Hills

## LOCATORS

Nation United States Latitude 382647N  
State Colorado Longitude 1074731W

Quad Code Quad Name  
38107-D7 Montrose East

County  
Montrose (CO)

Watershed Code Watershed Name  
14020006 Uncompahange

## SITE DESCRIPTION

Minimum Elevation	6,000.00 Feet	1,829.00 Meters
Maximum Elevation	6,600.00 Feet	2,012.00 Meters

### Site Description

This site has gentle to steep adobe hills, derived from mancos shale. The South Canal, with an adjacent service road, runs through the site. The area has a mix of private and BLM ownership. Part of the BLM land has been designated a Research Natural Area. Vegetation consists of desert shrub communities, with greasewood in the bottoms and shadscale and mat saltbush on hillsides. Plants frequently found associated with the clay-loving wild buckwheat and the adobe beardtongue are black sagebrush, woody aster, Gardner saltbush, and bottlebrush squirreltail.

### Key Environmental Factors

No Data

### Climate Description

Arid semi-desert.

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map Y - Yes Mapped Date 12/06/1998  
Designer Lyon, M.J.

### Boundary Justification

The boundary is drawn to encompass the *Eriogonum pelinophilum* and *Penstemon retrorsus* occurrences in the South Canal area.

Primary Area 4,633.43 Acres 1,875.09 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

This site contains an excellent (A-ranked) occurrence of the globally imperiled (G2/S2) clay-loving wild buckwheat (*Eriogonum pelinophilum*) and a good (B-ranked) occurrence of the globally vulnerable (G3/S3) adobe beardtongue (*Eriogonum pelinophilum*). There is also an historical occurrence of the globally imperiled (G2/S2) good-neighbor bladderpod (*Lesquerella vicina*).

Other Values Rank No Data

### Other Values Comments

No Data

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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 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>			
17458	<i>Eriogonum pelinophilum</i>	clay-loving wild buckwheat	G2	S2	Yes
17458	<i>Eriogonum pelinophilum</i>	clay-loving wild buckwheat	G2	S2	No
16795	<i>Penstemon retrorsus</i>	adobe beardtongue	G3	S3	No
20366	<i>Lesquerella vicina</i>	good-neighbor bladderpod	G2	S2	No

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

Version Date 06/09/1999

Version Author Lyon, M.J.

## Disclaimer

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