

# Level 4 Potential Conservation Area (PCA) Report

Name Miramonte Reservoir West

Site Code S.USCOHP\*26352

## IDENTIFIERS

Site ID 2358 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 375823N  
State Colorado Longitude 1082111W

## Quad Code Quad Name

38108-A3	Oak Hill
37108-H3	Lone Cone
37108-H4	North Mountain

## County

San Miguel (CO)

## Watershed Code Watershed Name

14030003	San Miguel
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## SITE DESCRIPTION

Minimum Elevation	7,745.00	Feet	2,360.68	Meters
Maximum Elevation	8,000.00	Feet	2,438.40	Meters

## Site Description

The site occupies open areas of black sagebrush from Greager Flats in the north, along the west side of Miramonte Reservoir, and south to the Redd Ranches Summer Camp. It includes private land, state land and two small 40 acre parcels of BLM land. The Miramonte State Wildlife Area surrounding Miramonte Reservoir supports one of the few known populations of the recently described cushion bladderpod (*Physaria pulvinata*), as well as the rare Parish's alkali grass (*Puccinellia parishii*). *Physaria pulvinata* is found on light gray Mancos Shale along the road that runs along the west side of the reservoir, in a gravel parking area, and in a naturally disturbed area away from the road. Associated species include *Townsendia incana*, *Hymenopappus filifolius*, *Penstemon lentus*, *Tetaneuris torreyana*, *Oryzopsis hymenoides*, *Astragalus amphioxys*, *Gutierrezia sarothrae*, *Lithospermum incisum*, *Alyssum parviflorum*, *Oenothera caespitosa*, *Senecio tridenticulata*, *Delphinium scaposum*, *Artemisia nova*, *Erigeron flagellaris*, and *Mahonia repens*. Parish's alkali grass occupies seasonally wet alkaline swales northwest of the lake.

## Key Environmental Factors

No Data

## Climate Description

No Data

## Land Use History

Recreation site, parking area

## Cultural Features

No Data

## SITE DESIGN

Site Map Y - Yes Mapped Date 04/01/2010  
Designer Panjabi, S.S.

## Boundary Justification

The boundary is drawn to include the populations of *Physaria pulvinata* and *Puccinellia parishii*. It includes an occurrence of Gunnison Sage Grouse, but was not drawn for this species.

Primary Area	4,831.05	Acres	1,955.06	Hectares
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## SITE SIGNIFICANCE

Biodiversity Significance Rank B1: Outstanding Biodiversity Significance

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## Biodiversity Significance Comments

The site contains one of the two known occurrences (both are B-ranked) of a globally critically imperiled (G1/S1) plant, cushion bladderpod (*Physaria pulvinata*), and a good (B-ranked) occurrence of a globally imperiled (G2G3/S1) plant, Parish's alkali grass (*Puccinellia parishii*).

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 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>			
19417	<i>Puccinellia parishii</i>	Parish's alkali grass	G2G3	S1	No
40393	<i>Physaria pulvinata</i>	cushion bladderpod	G1	S1	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
194256	Lyon, P. and J. Hanson. 2006. Final Report: 2005 Rare Plant Survey of San Juan Public Lands, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

## ADDITIONAL TOPICS

### Additional Topics

Original site design by Lyon, M.J. 2005-10-16.

## VERSION

Version Date 10/16/2005

Version Author Lyon, M.J.

## Disclaimer

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