

Level 4 Potential Conservation Area (PCA) Report

Name Lower Tarryall Creek

Site Code S.USCOHP*21850

IDENTIFIERS

Site ID 150 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 391038N
State Colorado Longitude 1053123W

<u>Quad Code</u>	<u>Quad Name</u>
39105-B4	McCurdy Mountain
39105-B5	Farnum Peak

County

Park (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190001	South Platte Headwaters

SITE DESCRIPTION

Minimum Elevation	8,600.00 Feet	2,621.00 Meters
Maximum Elevation	9,000.00 Feet	2,743.00 Meters

Site Description

This site is located just south of the Tarryall Reservoir. The Tarryall Mountains are to the northeast and the Puma Hills are located to the southwest. A blue spruce / river birch plant community is located along the Tarryall Creek between Tarryall Road and the creek. It is likely that this riparian occurrence is likely more dependent on groundwater discharge than by surface overflow from the creek.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 02/21/2001
Designer Culver, D.R.

Boundary Justification

The boundary is drawn to encompass the riparian forest occurrence, tributaries to the Tarryall Creek, and provide a 1,000 foot buffer. Hydrology, both surface and groundwater, are extremely important to the continued viability of the riparian forest. The entire watershed is not included within the boundary, but should be taken into consideration for planning purposes.

Primary Area 506.76 Acres 205.08 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports a good (B-ranked) occurrence of a globally imperiled (G2/S2) montane riparian woodland, *Picea pungens* / *Betula occidentalis*. This is one of the highest quality examples of this plant association known from Park County.

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>			
24654	<i>Picea pungens</i> / <i>Betula occidentalis</i> Woodland	Montane Riparian Woodland	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	02/21/2001
Version Author	Culver, D.R.

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