

Level 4 Potential Conservation Area (PCA) Report

Name Chapin Creek

Site Code S.USCOHP*7910

IDENTIFIERS

Site ID 587 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 402724N
State Colorado Longitude 1054326W

Quad Code Quad Name

40105-D6 Trail Ridge

County

Larimer (CO)

Watershed Code Watershed Name

10190007 Cache La Poudre
10190006 Big Thompson

SITE DESCRIPTION

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

Site Description

This site starts on a steep incline above treeline but below true tundra vegetation. The creek no longer has a perceptible channel at this point. Willows are low and patchy. Beautiful falls occur down the creek valley from here. The rest of the site is in a broad glaciated valley, wet on sides from late season snow melt and seeps. Subalpine fir (*Abies lasiocarpa*) and Engelmann spruce (*Picea engelmannii*) forest is thick on the surrounding hillsides. The creek is small and sinuous. Snowbanks linger in the trees, providing melt runoff throughout the growing season. The valley floor is very wet.

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 03/27/1997

Designer Kittel, G.M.

Boundary Justification

Alpine divide to confluence with Cache la Poudre River encompasses full wetland (riparian) complexes within this site. Boundaries could include upstream portions of Cache la Poudre as the riparian corridor continues uninterrupted.

Primary Area 1,258.25 Acres 509.20 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports good (B-ranked) occurrences of a globally imperiled (G2G3) plant community, *Salix planifolia* / *Deschampsia caespitosa*, and a concentration of good (B-ranked) occurrences of globally common communities.

Other Values Rank No Data

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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</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>
23155	<i>Eleocharis quinqueflora</i> Herbaceous Vegetation	Alpine Wetlands	G4	S3S4	No
24477	<i>Salix brachycarpa</i> / <i>Deschampsia caespitosa</i> - <i>Geum rossii</i> Shrubland	Alpine Willow Scrub	G4	S3S4	No
24805	<i>Salix planifolia</i> / <i>Calamagrostis canadensis</i> Shrubland	Subalpine Riparian Willow Carr	G4	S2S3	No
24618	<i>Salix planifolia</i> / <i>Deschampsia caespitosa</i> Shrubland	Subalpine Riparian Willow Carr	G2G3	S2S3	Yes
24850	<i>Salix planifolia</i> / <i>Carex aquatilis</i> Shrubland	Subalpine Riparian Willow Carr	G5	S4	No
24477	<i>Salix brachycarpa</i> / <i>Deschampsia caespitosa</i> - <i>Geum rossii</i> Shrubland	Alpine Willow Scrub	G4	S3S4	No
22745	<i>Carex aquatilis</i> Herbaceous Vegetation	Montane Wet Meadows	G5	S4	No
16989	<i>Caltha leptosepala</i> Herbaceous Vegetation	Montane Wet Meadows	G4	S4	No
24618	<i>Salix planifolia</i> / <i>Deschampsia caespitosa</i> Shrubland	Subalpine Riparian Willow Carr	G2G3	S2S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/27/1997
Version Author	Kittel, G.M.

Disclaimer

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