

Level 4 Potential Conservation Area (PCA) Report

Name Twomile Creek at State Hwy 71

Site Code S.USCOHP*7900

IDENTIFIERS

Site ID 51 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>
1198	S.USVAHQ*484	Western High Plains

LOCATORS

Nation United States Latitude 405241N
State Colorado Longitude 1034012W

<u>Quad Code</u>	<u>Quad Name</u>
40103-H6	Battle Canyon
40103-G6	Avalo

County
Weld (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190012	Middle South Platte-Sterling

SITE DESCRIPTION

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

Site Description

Two Mile Creek has many draws draining into it, so the riparian area is broad and shallow here, creating an almost a braided stream. A quarry upstream has sent down a lot of sediment-so stream has more bed material to move than similar-sized streams in the area. Lateral bars in channel are being colonized by Salix exigua. Barren bedrock of gypsum is exposed to N. supporting Bouteloua spp. with yucca, with very little top soil at all. All in a wide shallow valley-two mile meanders and has created tall cut banks. Redwinged blackbirds and killdeer nesting here. Mudflat floodplain on either side of channel flatter more even than Salix exigua area. Dominants in the area are Salix exigua, and Carex nebrascensis-Eleocharis palustris.

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 03/25/1997
Designer Kittel, G.M.

Boundary Justification

Floodplain and surrounding tributary draws. Boundaries encompass area where the most water collects and current management is not heavy use by livestock.

Primary Area 484.18 Acres 195.94 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains good occurrences of plant communities which are globally secure. High quality example of common, plains communities. Best examples of these elements in Weld County, CO.

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>			
22403	<i>Carex nebrascensis</i> Herbaceous Vegetation	Wet Meadows	G4	S3	Yes
24659	<i>Salix exigua</i> / Barren Shrubland	Coyote Willow/Bare Ground	G5	S5	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/25/1997
Version Author	Kittel, G.M.

Disclaimer

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