

# Level 4 Potential Conservation Area (PCA) Report

Name Horse Creek-Lincoln County

Site Code S.USCOHP\*10213

## IDENTIFIERS

Site ID 1767 Site Class PCA  
Site Alias Horse Creek Macrosite

### 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 383510N  
State Colorado Longitude 1034200W

### Quad Code Quad Name

38103-E6 Sharp Lake  
38103-F6 Forder

### County

Lincoln (CO)  
Crowley (CO)

### Watershed Code Watershed Name

11020008 Horse

## SITE DESCRIPTION

Minimum Elevation	4,680.00 Feet	1,426.00 Meters
Maximum Elevation	5,060.00 Feet	1,542.00 Meters

### Site Description

The site is characterized by gently rolling to flat prairie with numerous intermittent and perennial drainages. The streams generally flow from north or northwest to the south and are fed by numerous springs. Some small parcels within the site have been converted to agricultural use. Highway 71 bisects the site and several county roads and two-track roads occur throughout the site.

### Key Environmental Factors

No Data

### Climate Description

No Data

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map P - Partial Mapped Date 09/30/1997  
Designer Kettler, S.M.

### Boundary Justification

The boundary is delineated to encompass much of the basin where the alkali sacaton meadow occurs. The area was only surveyed from the highway, more detailed field work is needed to refine the information. The hydrologic regime may be important for persistence of the natural community and other elements but this is not well understood. If the natural hydrologic regime is vital the boundaries may need to be to incorporate to encompass more of the watershed or this addressed in a site conservation plan.

Primary Area 25,936.22 Acres 10,496.06 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

The site is delineated for a good (B-ranked) occurrence of a globally vulnerable (G3Q/S3) Great Plains salt meadows (*Sporobolus airoides*). There are also fair (C-ranked) and historical occurrences of the globally vulnerable (G3/S3) plains ragweed (*Ambrosia linearis*).

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>
23164	<i>Ambrosia linearis</i>	plains ragweed	G3	S3	Yes
23164	<i>Ambrosia linearis</i>	plains ragweed	G3	S3	No
23164	<i>Ambrosia linearis</i>	plains ragweed	G3	S3	Yes
19429	<i>Sporobolus airoides</i> Southern Plains Herbaceous Vegetation	Great Plains Salt Meadows	G3Q	S3	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
159111	Kettler, S.M. 1997. Colorado Natural Heritage Program Field Survey for the Central Shortgrass Prairie Inventory.

## ADDITIONAL TOPICS

## Additional Topics

No Data

## VERSION

<b>Version Date</b>	09/30/1997
<b>Version Author</b>	Kettler, S.M.

## Disclaimer

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