

# Level 4 Potential Conservation Area (PCA) Report

Name Freeman Reservoir

Site Code S.USCOHP1\*2508

## IDENTIFIERS

Site ID 1202 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 404545N  
State Colorado Longitude 1072624W

Quad Code Quad Name  
40107-G4 Freeman Reservoir

County  
Moffat (CO)

Watershed Code Watershed Name  
14050001 Upper Yampa

## SITE DESCRIPTION

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

### Site Description

Artificial reservoir and stream below.

### 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 01/13/1995  
Designer Ellingson, A.R.

### Boundary Justification

This boundary encompasses the animal occurrence and the surrounding contiguous breeding habitat, as well as the significant riparian community downstream. A 1000' buffer is included to prevent direct disturbance to the elements present.

Primary Area 305.55 Acres 123.65 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

This site contains a good occurrence of a globally vulnerable (G3/S3) plant community, *Alnus incana* / mesic forb, and a fair (C-ranked) occurrence of a globally secure (G4/S4) plant community, *Populus angustifolia* / *Salix exigua*. A poor (D-ranked) occurrence of the globally critically imperiled (G4T1Q/S1) boreal toad (*Bufo boreas* pop. 1) is also within the site.

Other Values Rank No Data

### Other Values Comments

No Data

## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

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## Natural Hazard Comments

No Data

## Exotics Comments

No Data

## Offsite

Watershed impacts must be considered in site management, including nutrient loading, hydroperiod, water volume and quality.

## Information Needs

Size of toad population and location of breeding activity should be determined.

### 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> |
| 24645           | <i>Alnus incana</i> / Mesic Forbs Shrubland                | Thinleaf Alder/Mesic Forb Riparian Shrubland     | G3            | S3           | Yes              |
| 20351           | <i>Bufo boreas</i> pop. 1                                  | Boreal Toad (Southern Rocky Mountain Population) | G4T1Q         | S1           | No               |
| 24738           | <i>Populus angustifolia</i> / <i>Salix exigua</i> Woodland | Narrowleaf Cottonwood Riparian Forests           | G4            | S4           | No               |

### REFERENCES

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

### ADDITIONAL TOPICS

#### Additional Topics

No Data

### VERSION

|                       |                 |
|-----------------------|-----------------|
| <b>Version Date</b>   | 01/13/1995      |
| <b>Version Author</b> | Ellingson, A.R. |

### Disclaimer

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