Central Colorado Plateau Conservation Analysis

Map Book

Revised March 2015
Definitions

Core Areas:

“All agency roadless areas, BLM wilderness study areas, BLM areas with wilderness characteristics, Forest Service inventoried roadless areas, Forest Service and BLM designated wilderness, National Park Service roadless areas including National Monuments, National Recreation Areas, and National Parks, and Citizen’s wilderness proposal”.

Riparian Linkages:

“All perennial streams and rivers (artificial waterways) on Federal Lands and State Lands”.

Riparian Linkages:

“All perennial streams and rivers (artificial waterways) on Private Lands”.
Riparian Linkages and Restoration Corridors

Prepared by:
Emanuel Vásquez, March 2013
Retrospective Analysis
2,747 springs inside study area
1,611 springs capture by core areas, this represents 58.6 % of springs found in study area.

Prepared by:
Emanuel Vásquez, March 2013
4,936 miles of perennial streams inside study area

Prepared by:
Emanuel Vásquez, March 2013
2,550 miles of perennial streams captured by core areas, this represents 51% of perennial streams found in study area.

Prepared by:
Emanuel Vásquez, March 2013
Intermittent Streams

56,190 miles of intermittent streams inside study area

Prepared by:
Emanuel Vásquez, March 2013
30,473 miles of intermittent streams captured by core areas, this represents 54% of total intermittent streams found in study area.
TNC Portfolio of Conservation Sites

TNC portfolio of conservation sites in CCP study area: 11,027,423 acres (85 sites).

TNC portfolio acres captured by core areas: 4,494,171 (72 Sites), this represent 41% of portfolio acres in study area.

Prepared by:
Emanuel Vásquez, March 2013
2,721,726 acres of Elk crucial habitat inside study area

Elk Crucial Habitat

Prepared by:
Emanuel Vásquez, March 2013
1,414,355 acres of Elk crucial habitat captured by core areas, this represents 52% of total Elk crucial habitat in study area.
Wolf Potential Linkages and Population Areas

Corea Area ID | Wolf Population Core Area
--- | ---
1 | Northwest Montana
2 | Central Idaho
3 | Greater Yellowstone
4 | Southern Rockies
5 | Grand Canyon
6 | Blue Range

Wolf potential habitat linkages

<table>
<thead>
<tr>
<th>Least-Cost Distance</th>
<th>Core Area ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 5.7 - Lower</td>
<td>1, 2</td>
</tr>
<tr>
<td>5.7 - 5.8</td>
<td>3</td>
</tr>
<tr>
<td>5.8 - 5.9</td>
<td>4</td>
</tr>
<tr>
<td>&gt; 5.9 - Higher</td>
<td>5, 6</td>
</tr>
</tbody>
</table>

Wolf population core areas

- < -4.5 - Lower
- -4.5- -4.25
- -4.25 - -3.8
- -3.8 - 5 - Higher

Wolf potential linkages and population core areas source:
Identified Threats
Existing Transmission Lines/Utility Corridors

Prepared by: Emanuel Vásquez, March 2013
Future Transmission Lines

TransWest Express Transmission Corridor

- **Alternative**
- **Applicant**

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Prepared by: Emanuel Vásquez, March 2013