

Vegetation and Soil Surveys

Noxious and Invasive Weeds

Canada thistle	Russian knapweed
Diffuse knapweed	Saltcedar (tamarisk)
Hoary cress (whitetop)	Spotted knapweed
Houndstongue	Black henbane
Leafy spurge	Halogeton
Musk thistle	Cheatgrass
Perennial pepperweed	Poverty weed
Perennial sowthistle	



Rare Plants

Colorado butterfly plant	Meadow milkvetch
Utes ladies'-tresses	Persistent sepal yellowcress
Cedar Rim thistle	
Gibbens' beardtongue	

Soils

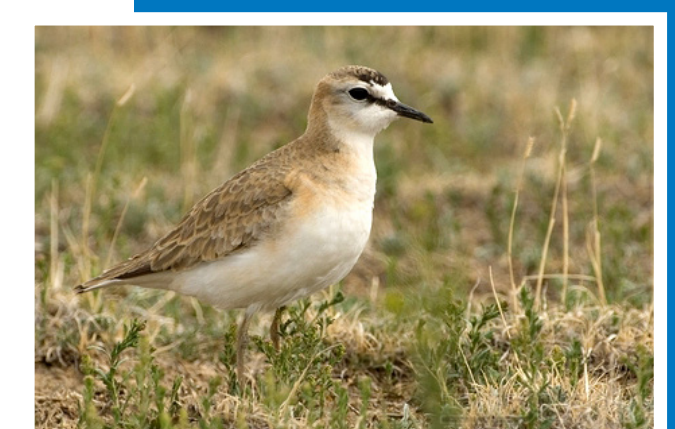
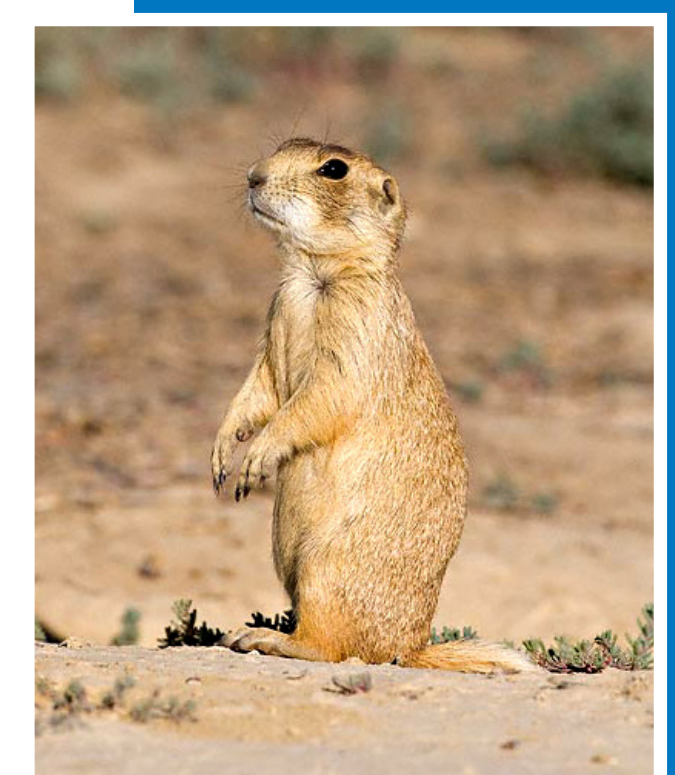
Map soil type for ecological site descriptions and reclamation

Vegetation Transects

Conduct point-intercept surveys to document canopy and basal cover

Wildlife Surveys

- Wyoming pocket gopher
 - Mound and complex delineation
 - Habitat and vegetation surveys
 - Tunnel diameter characterization
 - Species occurrence modeling
- Pygmy rabbit
 - Habitat delineation
 - Demographic characterization
 - Habitat and vegetation surveys
- White-tailed prairie dog
 - Burrow and town delineation
 - Size and density estimates
 - Habitat and vegetation surveys
- Incidental observations of sensitive species
 - Swift fox
 - Northern goshawk
 - Burrowing owl
 - Ferruginous hawk
 - Mountain plover
 - Northern leopard frog
- Intensive monitoring of greater sage-grouse and avian species



Note: The above list is not all-inclusive. Biological surveys of multiple species have been conducted in accordance with guidelines from the Bureau of Land Management and from the Wildlife Monitoring and Protection Plan for the Chokecherry and Sierra Madre Wind Energy Project (Appendix G, Record of Decision).

Land and Drainage Surveys

- Erosional features
 - Quantify erosion risk for planned disturbances
- Drainage crossings
 - Document all crossings and quantify erosion risk for planned disturbances
- Wetland delineations
 - Wetland delineations and Clean Water Act section 404 permitting
- Watershed surveys
 - Characterize pre-project watershed and channel conditions



Cultural and Paleontological Surveys

- Cultural resources
 - Survey of all planned disturbances
 - Site recording for all identified resources
 - Determination of eligibility under National Historic Preservation Act
- Paleontological resources
 - Site characterization and assessment of potential fossil-bearing formations
 - Identification of avoidance, minimization, and mitigation measures

