

APPENDIX 5

TABLE 1. WILDLIFE, FISHERIES AND SPECIAL STATUS SPECIES CONSIDERED IN ANALYSIS

| Affected Species                |                          |        |                     |                                 |                        | Site Evaluations/<br>Surveys                      | Potential Impacts   | Mitigation  |
|---------------------------------|--------------------------|--------|---------------------|---------------------------------|------------------------|---|---|---|
| Common Name                     | Scientific Name          | Status | Habitat             | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Birds                           |                          |        |                     |                                 |                        |   |   |   |
| Shorebirds, Waterbird and Gulls |                          |        |                     |                                 |                        |   |   |   |
| Whooping crane                  | <i>Grus americana</i>    | FE     | Platte River System | Downstream                      | Platte River Basin     | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Interior least tern             | <i>Sterna antillarum</i> | FE     | Platte River System | Downstream                      | Platte River Basin     | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |

| Affected Species |                            |              |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation  |
|------------------|----------------------------|--------------|---|---------------------------------|------------------------|--|--|---|
| Common Name      | Scientific Name            | Status       | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |  |   |
| Piping plover    | <i>Charadrius melodus</i>  | FE           | Platte River System                                       | Downstream                      | Platte River Basin     | Potentially impacted species evaluated in the EIS  | Temporary changes in stream flows from water extraction for construction and dust abatement  | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012)   |
| Mountain plover  | <i>Charadrius montanus</i> | BLM-S WGFD-I | Shortgrass and mixed-grass prairie, saltbush shrub steppe | Present (Uncommon)              | CCSM Project Site      | Mountain plover surveys (WEST; Appendix L Document 02)<br><br>Point count surveys (WEST; Appendix L Document 02)<br><br>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br><br>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28) | Collision with wind turbines and other infrastructure<br><br>Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance) | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |

| Affected Species   |                            |               |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|--------------------|----------------------------|---------------|---|---------------------------------|------------------------|--|---|--|
| Common Name        | Scientific Name            | Status        | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Long-billed curlew | <i>Numenius americanus</i> | BLM-S WGFD-II | Grasslands, prairie uplands, agricultural areas | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys<br/>Avian surveys<br/>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br/>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| White-faced ibis   | <i>Plegadis chihi</i>      | BLM-S WGFD-II | Marshlands, lakes, moist meadows                | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys<br/>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br/>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>                   | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p>                               | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                             |         |                                |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|-----------------------------|---------|--------------------------------|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name             | Status  | Habitat                        | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Clark's grebe    | <i>Aechmophorus clarkii</i> | WGFD-II | Marshlands, lakes, openwater   | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Northern pintail | <i>Anas acuta</i>           | WGFD-II | Wetlands with low upland cover | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                         |         |                      |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|-------------------------|---------|----------------------|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name         | Status  | Habitat              | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Lesser scaup     | <i>Aythya affinis</i>   | WGFD-II | Wetlands, open water | Present (Common)                | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Redhead          | <i>Aythya americana</i> | WGFD-II | Wetlands, open water | Present (Common)                | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                             |         |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|-----------------------------|---------|--|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name             | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Canvasback       | <i>Aythya valisineria</i>   | WGFD-II | Deep ponds and lakes with open water                   | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Upland sandpiper | <i>Bartramia longicauda</i> | WGFD-II | Open grasslands, prairies, meadows, agricultural areas | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>                   | <p>Collision with wind turbines and other infrastructure</p>  | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species   |                              |         |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|--------------------|------------------------------|---------|---|---------------------------------|------------------------|---|---|--|
| Common Name        | Scientific Name              | Status  | Habitat                                       | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| American bittern   | <i>Botaurus lentiginosus</i> | WGFD-II | Wetlands, marshlands                          | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys (SWCA)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Barrow's goldeneye | <i>Bucephala islandica</i>   | WGFD-II | Montane and subalpine lakes, rivers and ponds | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>               | <p>Collision with wind turbines and other infrastructure</p>  | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                         |         |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|-------------------------|---------|---|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name         | Status  | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Black tern       | <i>Chlidonias niger</i> | WGFD-II | Marshlands  | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Snowy egret      | <i>Egretta thula</i>    | WGFD-II | Grassy marshes, reservoirs, lakes, ponds, wet meadows | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                           |         |                           |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts                                     | Mitigation   |
|------------------|---------------------------|---------|---------------------------|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name           | Status  | Habitat                   | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Caspian tern     | <i>Hydroprogne caspia</i> | WGFD-II | Marshlands, lakes, rivers | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Franklin's gull  | <i>Larus pipixcan</i>     | WGFD-II | Marshlands                | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species          |                              |         |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|---------------------------|------------------------------|---------|--|---------------------------------|------------------------|---|---|--|
| Common Name               | Scientific Name              | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Black-crowned night-heron | <i>Nycticorax nycticorax</i> | WGFD-II | Marshlands, swamps, wooded streams, lakes, ponds | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Virginia rail             | <i>Rallus limicola</i>       | WGFD-II | Marshlands                                       | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species       |                        |          |                                     |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------------|------------------------|----------|-------------------------------------|---------------------------------|------------------------|---|---|--|
| Common Name            | Scientific Name        | Status   | Habitat                             | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Forster's tern         | <i>Sterna forsteri</i> | WGFD-II  | Marshlands, lakes, ponds            | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p>                               | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Greater sandhill crane | <i>Grus canadensis</i> | WGFD-III | River valleys, marshlands, meadows, | Likely                          | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Waterbird surveys Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Gallinaceous Birds     |                        |          |                                     |                                 |                        |   |   |  |

| Affected Species    |                                  |                 |                  |                                 |  | Site Evaluations/<br>Surveys  | Potential Impacts  | Mitigation  |
|---------------------|----------------------------------|-----------------|------------------|---------------------------------|--|---|--|---|
| Common Name         | Scientific Name                  | Status          | Habitat          | Occurrence in CCSM Project Site | Area of Site Influence                               |   |  |   |
| Greater sage-grouse | <i>Centrocercus urophasianus</i> | BLM-S<br>WGFD-I | Sagebrush steppe | Present<br>(Common)             | Ares within 4 miles of leks within CCSM Project Site | <p>Lek surveys (WEST; Appendix L Document 02)</p> <p>Brood surveys (WEST; Appendix L Document 02)</p> <p>Lek surveys (WEST; Appendix L Document 02)</p> <p>Brood surveys (WEST; Appendix L Document 02))</p> <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Sage-grouse monitoring (SWCA; Appendix L, Document 17, 26 - 28)</p> <p>Lek surveys (SWCA; Appendix L, Documents 17, 26 - 28)</p> <p>Nest surveys (SWCA; Appendix L, Documents 17, 26 - 28)</p> <p>Brood Surveys (SWCA; Appendix L, Documents 17, 26 - 28)</p> <p>Avian surveys (SWCA)<br/>2013 avian and wildlife surveys</p> | <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> <p>Collision with wind turbines and other infrastructure</p> <p>Vehicular collision</p> | <p>Greater Sage-Grouse Conservation Plan (SWCA; Appendix L, Documents 17)</p> <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>WGFD MOU (Appendix D)</p> |

| Affected Species              |                                 |               |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|-------------------------------|---------------------------------|---------------|--|---------------------------------|------------------------|---|---|--|
| Common Name                   | Scientific Name                 | Status        | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Columbian sharp-tailed grouse | <i>Tympanuchus phasianellus</i> | BLM-S WGFD-II | Mountain shrublands, sagebrush grassland and willow riparian zones | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Owls and Raptors              |                                 |               |  |                                 |                        |   |   |  |

| Affected Species |                           |              |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|---------------------------|--------------|--|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name           | Status       | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Northern Goshawk | <i>Accipiter gentilis</i> | BLM-S WGFD-I | Coniferous forest, mixed conifer/aspens forest | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p>                               | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Burrowing Owl    | <i>Athene cunicularia</i> | BLM-S WGFD-I | Prairie dog colonies                           | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>   | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                      |              |                              |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|----------------------|--------------|------------------------------|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name      | Status       | Habitat                      | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Ferruginous hawk | <i>Buteo regalis</i> | BLM-S WGFD-I | Grasslands, prairies, plains | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                                 |                 |                                  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|------------------|---------------------------------|-----------------|----------------------------------|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name                 | Status          | Habitat                          | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Bald eagle       | <i>Haliaeetus leucocephalus</i> | BLM-S<br>WGFD-I | Rivers, lakes,<br>riparian zones | Present<br>(Uncommon)           | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Eagle Conservation Plan</p> <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                          |                  |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|------------------|--------------------------|------------------|---|---------------------------------|------------------------|--|---|--|
| Common Name      | Scientific Name          | Status           | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Peregrine falcon | <i>Falco peregrinus</i>  | BLM-S<br>WGFD-II | Open woodlands, forests, shrub steppe, grasslands, marshlands, riparian zones | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Boreal owl       | <i>Aegolius funereus</i> | WGFD-II          | Mature high-elevation coniferous forests                                      | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>                            | <p>Collision with wind turbines and other infrastructure</p>  | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p>  |

| Affected Species |                        |         |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|------------------|------------------------|---------|--|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name        | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Short-eared owl  | <i>Asio flammeus</i>   | WGFD-II | Prairies, grasslands, meadows, sagebrush shrublands                    | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p>   | Collision with wind turbines and other infrastructure   | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> |
| Swainson's hawk  | <i>Buteo swainsoni</i> | WGFD-II | Prairies, plains, shrub steppe, savannahs, open pine/juniper woodlands | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> |

| Affected Species |                          |          |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|------------------|--------------------------|----------|--|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name          | Status   | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Merlin           | <i>Falco columbarius</i> | WGFD-III | Open woodlands, savannah, grasslands, shrub steppe | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> |

| Affected Species |                          |        |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|------------------|--------------------------|--------|---|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name          | Status | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Golden eagle     | <i>Aquila chrysaetos</i> | -      | Open country from barren areas to open coniferous forests; prefers cliffs and large trees for roosting, perching, and nesting | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Raptor nest surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>Raptor nest surveys (SWCA; Appendix L, Documents 15, 20, 23)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Eagle Conservation Plan</p> <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Passerines       |                          |        |   |                                 |                        |   |   |   |

| Affected Species  |                            |        |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|-------------------|----------------------------|--------|---|---------------------------------|------------------------|---|---|--|
| Common Name       | Scientific Name            | Status | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Baird's sparrow   | <i>Ammodramus bairdii</i>  | BLM-S  | Grasslands, weedy fields                              | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Loggerhead shrike | <i>Lanius ludovicianus</i> | BLM-S  | Basin-prairie shrublands and mountain foothill shrubs | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                             |               |                      |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|-----------------------------|---------------|----------------------|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name             | Status        | Habitat              | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Sage sparrow     | <i>Amphispiza belli</i>     | BLM-S WGFD-II | Sagebrush shrublands | Present (Common)                | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Sage thrasher    | <i>Oreoscoptes montanus</i> | BLM-S WGFD-II | Sagebrush shrublands | Present (Common)                | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species  |                               |               |                                |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|-------------------|-------------------------------|---------------|--------------------------------|---------------------------------|------------------------|---|---|--|
| Common Name       | Scientific Name               | Status        | Habitat                        | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Brewer's sparrow  | <i>Spizella breweri</i>       | BLM-S WGFD-II | Sagebrush steppe, shrub steppe | Present (Common)                | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Western scrub jay | <i>Aphelocoma californica</i> | WGFD-II       | Juniper woodlands              | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p>  | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                                |         |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts                                     | Mitigation   |
|------------------|--------------------------------|---------|--|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name                | Status  | Habitat                                | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Juniper titmouse | <i>Baeolophus ridgwayi</i>     | WGFD-II | Juniper woodlands                      | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Lark bunting     | <i>Calamospiza melanocorys</i> | WGFD-II | Shortgrass prairie, agricultural areas | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species           |                           |         |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|----------------------------|---------------------------|---------|--|---------------------------------|------------------------|---|---|--|
| Common Name                | Scientific Name           | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| McCown's longspur          | <i>Calcarius mccownii</i> | WGFD-II | Shortgrass prairie, shrublands, agricultural areas, dry lakebeds | Present (Uncommon)              | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure   | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Chestnut-collared longspur | <i>Calcarius ornatus</i>  | WGFD-II | Shortgrass and open mixed-grass prairies                         | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species |                              |         |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|------------------------------|---------|---|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name              | Status  | Habitat                                       | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Bobolink         | <i>Dolichonyx oryzivorus</i> | WGFD-II | Grasslands, prairies, meadows, fallow fields  | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p> <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Black rosy-finch | <i>Leucosticte atrata</i>    | WGFD-II | Mountain tundra, grasslands, cultivated lands | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | <p>Collision with wind turbines and other infrastructure</p>  | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species        |                              |         |  |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts                                     | Mitigation  |
|-------------------------|------------------------------|---------|--|---------------------------------|------------------------|--|---|---|
| Common Name             | Scientific Name              | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |   |   |
| Brown-capped rosy-finch | <i>Leucosticte australis</i> | WGFD-II | Mountain tundra, meadows, grasslands, shrublands, cultivated lands | Present (Uncommon)              | CCSM Project Site      | Point count surveys (WEST; Appendix L Document 02)<br><br>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br><br>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28) | Collision with wind turbines and other infrastructure | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Lewis's woodpecker      | <i>Melanerpes lewis</i>      | WGFD-II | Open ponderosa pine forests, mixed conifer woodlands               | Unlikely                        | CCSM Project Site      | Point count surveys (WEST; Appendix L Document 02)<br><br>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br><br>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28) | Collision with wind turbines and other infrastructure | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |

| Affected Species        |                              |         |                              |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts                                     | Mitigation   |
|-------------------------|------------------------------|---------|------------------------------|---------------------------------|------------------------|---|---|--|
| Common Name             | Scientific Name              | Status  | Habitat                      | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Ash-throated flycatcher | <i>Myiarchus cinerascens</i> | WGFD-II | Old growth juniper woodlands | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |
| Bushtit                 | <i>Psaltriparus minimus</i>  | WGFD-II | Juniper woodlands            | Unlikely                        | CCSM Project Site      | <p>Point count surveys (WEST; Appendix L Document 02)</p> <p>Avian surveys (SWCA; Appendix L, Documents 26 - 28)</p> <p>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28)</p> | Collision with wind turbines and other infrastructure | <p>Post-construction monitoring</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species  |                           |          |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation  |
|-------------------|---------------------------|----------|---|---------------------------------|------------------------|--|--|---|
| Common Name       | Scientific Name           | Status   | Habitat                                       | Occurrence in CCSM Project Site | Area of Site Influence |  |  |   |
| Pygmy nuthatch    | <i>Sitta pygmaea</i>      | WGFD-II  | Old growth ponderosa pine, coniferous forests | Unlikely                        | CCSM Project Site      | Point count surveys (WEST; Appendix L Document 02)<br><br>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br><br>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28) | Collision with wind turbines and other infrastructure  | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Willow flycatcher | <i>Empidonax traillii</i> | WGFD-III | Willow riparian zones                         | Unlikely                        | CCSM Project Site      | Point count surveys (WEST; Appendix L Document 02)<br><br>Avian surveys (SWCA; Appendix L, Documents 26 - 28)<br><br>2013 avian and wildlife surveys (SWCA; Appendix L, Documents 26 - 28) | Collision with wind turbines and other infrastructure<br><br>Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance) | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Mammals           |                           |          |   |                                 |                        |  |  |   |
| Bats              |                           |          |   |                                 |                        |  |  |   |

| Affected Species         |                                |               |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|--------------------------|--------------------------------|---------------|---|---------------------------------|------------------------|--|---|--|
| Common Name              | Scientific Name                | Status        | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i> | BLM-S WGFD-I  | Caves and abandoned mines adjacent to xeric to mesic habitats, including coniferous forest, juniper woodlands, deciduous forests, basins, desert shrublands | Unlikely                        | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Long-eared myotis        | <i>Myotis evotis</i>           | BLM-S WGFD-II | Coniferous forest and woodland near water and rock outcrops/cliffs, caves, and abandoned mines  | Unlikely                        | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |

| Affected Species |                          |                  |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|------------------|--------------------------|------------------|---|---------------------------------|------------------------|--|---|--|
| Common Name      | Scientific Name          | Status           | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Fringed myotis   | <i>Myotis thysanodes</i> | BLM-S<br>WGFD-II | Xeric woodlands, coniferous forests, grasslands, shrublands, caves, and abandoned mines | Unlikely                        | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Big brown bat    | <i>Eptesicus fuscus</i>  | WGFD-II          | Sagebrush-steppe, woodlands, caves, and abandoned mines                                 | Likely                          | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Eastern red bat  | <i>Lasiurus borealis</i> | WGFD-II          | Deciduous forests with large-diameter trees in the interior of forests                  | Likely                          | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |

| Affected Species            |                           |         |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|-----------------------------|---------------------------|---------|---|---------------------------------|------------------------|--|---|--|
| Common Name                 | Scientific Name           | Status  | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Western small-footed myotis | <i>Myotis ciliolabrum</i> | WGFD-II | Arid rocky areas within montane forest, juniper woodlands, sagebrush steppe, shortgrass prairie, caves, and abandoned mines | Unlikely                        | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Little brown myotis         | <i>Myotis lucifugus</i>   | WGFD-II | Coniferous forest and riparian areas in the mountains, caves, and abandoned mines   | Likely                          | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |

| Affected Species    |                      |         |  |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|---------------------|----------------------|---------|--|---------------------------------|------------------------|--|---|--|
| Common Name         | Scientific Name      | Status  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Long-legged myotis  | <i>Myotis volans</i> | WGFD-II | Mature forest with standing dead trees, caves, and abandoned mines | Unlikely                        | CCSM Project Site      | Acoustic sampling (WEST; Appendix L Document 02)<br><br>Acoustic sampling and avian/bat radar (SWCA) | Collision with wind turbine<br><br>Loss of foraging habitat<br><br>Loss of roosting habitat | Post-construction monitoring<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Terrestrial Mammals |                      |         |  |                                 |                        |  |   |  |

| Affected Species    |                         |                         |  |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation   |
|---------------------|-------------------------|-------------------------|--|---------------------------------|------------------------|--|--|--|
| Common Name         | Scientific Name         | Status                  | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |  |  |
| Black-footed ferret | <i>Mustela nigripes</i> | FE;<br>EP, NE<br>WGFD-I | Prairie dog colonies in basin-prairie shrublands, sagebrush-grasslands, and grasslands | Unlikely                        | CCSM Project Site      | Threatened and endangered species site evaluation (WEST; Appendix L Document 02)<br><br>Black-footed ferret habitat analysis (WEST; Appendix L Document 02)<br><br>Prey base assessment (Appendix L, Documents 21 and 24)<br>2013 wildlife surveys | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Vehicular collision<br><br>Introduction of canine distemper | Presence/absence site evaluation of prairie dog colonies during ROW application for subsequent PODs<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |

| Affected Species         |                         |        |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|--------------------------|-------------------------|--------|--|---------------------------------|------------------------|---|---|---|
| Common Name              | Scientific Name         | Status | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| White-tailed prairie dog | <i>Cynomys leucurus</i> | BLM-S  | Basin-prairie shrublands, sagebrush-grasslands, and grasslands | Present (Common)                | CCSM Project Site      | <p>Threatened and endangered species site evaluation (WEST; Appendix L Document 02)</p> <p>Black-footed ferret habitat analysis (WEST; Appendix L Document 02)</p> <p>Prey base assessment (Appendix L, Documents 21 and 24)</p> <p>2013 wildlife surveys</p> | <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> <p>Vehicular collision</p> | <p>Presence/absence site evaluation of prairie dog colonies during ROW application for subsequent PODs</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> |

| Affected Species      |                         |              |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation   |
|-----------------------|-------------------------|--------------|---|---------------------------------|------------------------|--|--|--|
| Common Name           | Scientific Name         | Status       | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |  |  |
| Wyoming pocket gopher | <i>Thomomys clusius</i> | BLM-S WGFD-I | Upland dry ridge tops, shallow and gravelly loose soils, in greasewood habitats | Present (Uncommon)              | CCSM Project Site      | <p>Site evaluation - WYNDD habitat model (BLM 2012)</p> <p>2013 wildlife surveys</p> | <p>Direct loss of habitat</p> <p>Indirect loss of habitat (displacement/avoidance)</p> <p>Direct mortality from construction equipment</p> | <p>Pre-construction presence/absence surveys</p> <p>Occupied Wyoming Pocket Gopher Habitat Protection Measures (BLM 2009f)</p> <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>WGFD MOU (Appendix D)</p> |

| Affected Species     |                               |                  |  |                                 |                                    | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|----------------------|-------------------------------|------------------|--|---------------------------------|------------------------------------|---|---|--|
| Common Name          | Scientific Name               | Status           | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence             |   |   |  |
| Pygmy Rabbit         | <i>Brachylagus idahoensis</i> | BLM-S<br>WGFD-II | Dense, tall stands of big sagebrush, along intermittent stream or riparian areas in sagebrush-grasslands           | Present (Uncommon)              | CCSM Project Site                  | Site evaluation (WEST; Appendix L Document 02)<br><br>2013 wildlife surveys | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Direct mortality from construction equipment | Pre-construction habitat surveys<br><br>Habitat Preservation and Restoration (Keinath and McGee 2004)<br><br>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Northern river otter | <i>Lontra canadensis</i>      | WGFD-II          | Lakes, streams, and aquatic habitats in cottonwood-riparian, riparian shrub, willow, and marsh-swamp land habitats | Unlikely                        | North Platte River and tributaries | Incidental observations   | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)   | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)   |

| Affected Species          |                              |                  |  |                                 |                        | Site Evaluations/<br>Surveys                     | Potential Impacts   | Mitigation   |
|---------------------------|------------------------------|------------------|--|---------------------------------|------------------------|--|---|--|
| Common Name               | Scientific Name              | Status           | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Olive-backed pocket mouse | <i>Perognathus fasciatus</i> | WGFD-II          | Sparsely vegetated grasslands and sagebrush-grasslands   | Unlikely                        | CCSM Project Site      | Incidental observations                          | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Direct mortality from construction equipment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Vagrant shrew             | <i>Sorex vagrans</i>         | WGFD-III         | Riparian shrub, moist meadow grasslands, bogs and riparian habitats with moist soil from sagebrush-grassland to conifer forest | Unlikely                        | CCSM Project Site      | Incidental observations                          | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Direct mortality from construction equipment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |
| Swift fox                 | <i>Vulpes velox</i>          | BLM-S<br>WGFD-II | Shortgrass and mixed-grass prairies, and sagebrush-grasslands  | Likely                          | CCSM Project Site      | Incidental observations<br>2013 wildlife surveys | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)   | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012) |

| Affected Species |                            |        |  |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation  |
|------------------|----------------------------|--------|--|---------------------------------|------------------------|--|---|---|
| Common Name      | Scientific Name            | Status | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |   |   |
| Mule deer        | <i>Odocoileus hemionus</i> | -      | Desert, brushland, forest, and mountains   | Present (Common)                | WGFD Herd Unit         | Potentially impacted species evaluated in the EIS<br><br>Big game seasonal ranges (WEST; Appendix L Document 02) | Direct loss of habitat that occurs in seasonal ranges<br><br>Indirect loss of habitat in seasonal ranges (displacement/avoidance)<br><br>Disruption of migration corridors<br><br>Vehicular collisions, poaching, and other wildlife harassment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Elk              | <i>Cervus elaphus</i>      | -      | Dense woodland, young conifer stands, meadows, and plains, from hot dry lowlands to high mountains | Present (Common)                | WGFD Herd Unit         | Potentially impacted species evaluated in the EIS<br><br>Big game seasonal ranges (WEST; Appendix L Document 02) | Direct loss of habitat that occurs in seasonal ranges<br><br>Indirect loss of habitat in seasonal ranges (displacement/avoidance)<br><br>Disruption of migration corridors<br><br>Vehicular collisions, poaching, and other wildlife harassment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |

| Affected Species            |                              |          |   |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation  |
|-----------------------------|------------------------------|----------|---|---------------------------------|------------------------|--|---|---|
| Common Name                 | Scientific Name              | Status   | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |  |   |   |
| Pronghorn                   | <i>Antilocapra americana</i> | -        | Open grasslands and sagebrush steppe  | Present (Common)                | WGFD Herd Unit         | Potentially impacted species evaluated in the EIS<br><br>Big game seasonal ranges (WEST; Appendix L Document 02) | Direct loss of habitat that occurs in seasonal ranges<br><br>Indirect loss of habitat in seasonal ranges (displacement/avoidance)<br><br>Disruption of migration corridors<br><br>Vehicular collisions, poaching, and other wildlife harassment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Reptiles                    |                              |          |   |                                 |                        |  |   |   |
| Lizards                     |                              |          |   |                                 |                        |  |   |   |
| Greater short-horned lizard | <i>Phrynosoma hernandesi</i> | WGFD-III | Semi-arid plains to the mountains; shortgrass prairie and sagebrush habitats, and open pine-spruce, pinon-juniper, and spruce-fir forests | Likely                          | CCSM Project Site      | Incidental observations<br>2013 wildlife surveys   | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Direct mortality from construction equipment   | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Amphibians                  |                              |          |   |                                 |                        |  |   |   |
| Frogs                       |                              |          |   |                                 |                        |  |   |   |

| Affected Species      |                               |                |  |                                 |                        | Site Evaluations/<br>Surveys                     | Potential Impacts  | Mitigation   |
|-----------------------|-------------------------------|----------------|--|---------------------------------|------------------------|--|--|--|
| Common Name           | Scientific Name               | Status         | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |  |  |
| Northern leopard frog | Northern Leopard Frog         | BLM-S WGFD-III | Permanent water in the plains, foothills, and montane zones, swampy cattail marshes on the plains and beaver ponds | Likely                          | CCSM Project Site      | Incidental observations<br>2013 wildlife surveys | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Degradation of surface water habitats<br><br>Direct mortality from construction equipment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012)<br>WGFD MOU (Appendix D) |
| Toads                 |                               |                |  |                                 |                        |  |  |  |
| Boreal toad           | <i>Anaxyrus boreas boreas</i> | BLM-S WGFD-I   | Wet areas in foothills, montane, and subalpine zones from 6,500 to 11,500 feet in elevation                        | Unlikely                        | CCSM Project Site      | Incidental observations<br>2013 wildlife surveys | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Degradation of surface water habitats<br><br>Direct mortality from construction equipment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012)                          |

| Affected Species      |                             |              |  |                                 |                        | Site Evaluations/<br>Surveys                      | Potential Impacts  | Mitigation  |
|-----------------------|-----------------------------|--------------|--|---------------------------------|------------------------|---|--|---|
| Common Name           | Scientific Name             | Status       | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |  |   |
| Great Basin spadefoot | <i>Spea intermountain</i>   | BLM-S WGFD-I | Sagebrush flats and semidesert shrublands, requires loose, sandy soils | Likely                          | CCSM Project Site      | Incidental observations<br>2013 wildlife surveys  | Direct loss of habitat<br><br>Indirect loss of habitat (displacement/avoidance)<br><br>Degradation of surface water habitats<br><br>Direct mortality from construction equipment | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Wildlife monitoring and protection plan (Appendix G - BLM 2012) |
| Fish                  |                             |              |  |                                 |                        |   |  |   |
| Pallid sturgeon       | <i>Scaphirhynchus albus</i> | FE           | Platte River System  | Downstream                      | Platte River Basin     | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement  | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012)             |

| Affected Species    |   |        |                       |                                 |                        | Site Evaluations/<br>Surveys                      | Potential Impacts   | Mitigation  |
|---------------------|---|--------|-----------------------|---------------------------------|------------------------|---|---|---|
| Common Name         | Scientific Name                         | Status | Habitat               | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Colorado pikeminnow | <i>Xyrauchen texanus</i>                | FE     | Colorado River System | Downstream                      | Colorado River Basin   | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Bonytail chub       | <i>Oncorhynchus clarkii pleuriticus</i> | FE     | Colorado River System | Downstream                      | Colorado River Basin   | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Humpback chub       | <i>Gila robusta</i>                     | FE     | Colorado River System | Downstream                      | Colorado River Basin   | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |

| Affected Species |                                |        |                       |                                 |                        | Site Evaluations/<br>Surveys                      | Potential Impacts   | Mitigation  |
|------------------|--------------------------------|--------|-----------------------|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name                | Status | Habitat               | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Razorback sucker | <i>Semotilus atromaculatus</i> | FE     | Colorado River System | Downstream                      | Colorado River Basin   | Potentially impacted species evaluated in the EIS | Temporary changes in stream flows from water extraction for construction and dust abatement | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |

| Affected Species |                              |                 |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation  |
|------------------|------------------------------|-----------------|--|---------------------------------|------------------------|---|---|---|
| Common Name      | Scientific Name              | Status          | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |   |
| Bluehead sucker  | <i>Catostomus discobolus</i> | BLM-S<br>WGFD-I | Large rivers and tributaries in the Colorado River watershed providing a variety of habitats and rocky substrates. Located in Muddy Creek downstream from wind development area. Habitat is not present within wind development areas. | Downstream                      | Colorado River Basin   | <p>August 2011 WGFD Sampling (Anna Senecal, personal communication)</p> <p>Current status of roundtail chub, flannelmouth sucker, and bluehead sucker in the Green River Drainage of Wyoming. (Gelwicks et al. 2009)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff, and water quality impacts</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills</p> <p>PCW and TOTCO coordination with WGFD regarding fisheries habitat improvement nonnative control, and native species expansion efforts in the Upper Muddy Creek watershed</p> |

| Affected Species    |                              |              |  |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|---------------------|------------------------------|--------------|--|---------------------------------|------------------------|---|---|--|
| Common Name         | Scientific Name              | Status       | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Flannelmouth sucker | <i>Catostomus latipinnis</i> | BLM-S WGFD-I | Generally prefer large rivers and streams but can be found in smaller tributaries. Occur only within the Colorado River watershed. A variety of habitat types are necessary for all life stages. Located in Muddy Creek downstream from wind development area. Habitat is not present within wind development areas. | Downstream                      | Colorado River Basin   | <p>August 2011 WGFD Sampling (Anna Senecal, personal communication)</p> <p>Current status of roundtail chub, flannelmouth sucker, and bluehead sucker in the Green River Drainage of Wyoming. (Gelwicks et al. 2009)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff and water quality impacts</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills</p> <p>PCW and TOTCO coordination with WGFD regarding fisheries habitat improvement nonnative control, and native species expansion efforts in the Upper Muddy Creek watershed</p> |

| Affected Species |                     |              |   |                                 |                        | Site Evaluations/<br>Surveys  | Potential Impacts   | Mitigation   |
|------------------|---------------------|--------------|---|---------------------------------|------------------------|---|---|--|
| Common Name      | Scientific Name     | Status       | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence |   |   |  |
| Roundtail chub   | <i>Gila robusta</i> | BLM-S WGFD-I | Utilize a variety of habitats in rivers and tributaries in the Colorado River watershed. Located in Muddy Creek drainage downstream from wind development area. Habitat is not present within wind development areas. | Downstream                      | Colorado River Basin   | <p>August 2011 WGFD Sampling (Anna Senecal, personal communication)</p> <p>Current status of roundtail chub, flannelmouth sucker, and bluehead sucker in the Green River Drainage of Wyoming. (Gelwicks et al. 2009)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff and water quality impacts</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills</p> <p>PCW and TOTCO coordination with WGFD regarding fisheries habitat improvement nonnative control, and native species expansion efforts in the Upper Muddy Creek watershed</p> |

| Affected Species               |   |              |  |                                 |                        | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation   |
|--------------------------------|---|--------------|--|---------------------------------|------------------------|--|---|--|
| Common Name                    | Scientific Name                         | Status       | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence |  |   |  |
| Colorado River cutthroat trout | <i>Oncorhynchus clarkii pleuriticus</i> | BLM-S WGFD-I | Utilizes coldwater rivers and streams with gravel and cobble substrate. Occurs only in the Colorado River watershed. Not known to occur within the wind development areas although suitable habitat is present in McKinney and Grove creeks. | Downstream                      | Colorado River Basin   | <p>August 2011 WGFD Sampling (Anna Senecal, personal communication)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Wildlife monitoring and protection plan (Appendix G - BLM 2012)</p> <p>Stream and watershed monitoring program at 21 sites throughout the Project Area</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff, and water quality impacts</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills</p> <p>PCW and TOTCO coordination with WGFD regarding fisheries habitat improvement nonnative control, and native species expansion efforts in the Upper Muddy Creek watershed</p> |

| Affected Species |                         |         |   |                                 |                                    | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation  |
|------------------|-------------------------|---------|---|---------------------------------|------------------------------------|--|--|---|
| Common Name      | Scientific Name         | Status  | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence             |  |  |   |
| lowa darter      | <i>Etheostoma exile</i> | WGFD-II | Prefer cool, low velocity streams with sand or gravel substrates. Subwatersheds within the CCSM Project Site with documented or potential populations are North Platte River-Lost Springs Draw and Pass Creek - Stage Station Spring. | Present (Uncommon)              | North Platte River and tributaries | <p>Wyoming State Wildlife Action Plan distribution maps (WGFD 2010)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Increased salinity from altered runoff in saline soils.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012).</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site.</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff, and water quality impacts.</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills.</p> <p>Continued coordination with NRCS, BLM, and SERCD regarding management of the Sage Creek watershed.</p> |

| Affected Species |                               |          |   |                                 |                                    | Site Evaluations/<br>Surveys   | Potential Impacts  | Mitigation  |
|------------------|-------------------------------|----------|---|---------------------------------|------------------------------------|--|--|---|
| Common Name      | Scientific Name               | Status   | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence             |  |  |   |
| Brassy minnow    | <i>Hybognathus hankinsoni</i> | WGFD-III | Prefer small streams and tributaries with low velocities and sand/mud substrates. Subwatersheds in the CCSM Project area with documented or potential populations are: Lower Sage Creek-Upper North Platte, North Platte River-Lost Springs Draw, North Platte River - Coal Mine Draw, and Pass Creek - Stage Station Spring. | Present (Uncommon)              | North Platte River and tributaries | <p>Wyoming State Wildlife Action Plan distribution maps (WGFD 2010)</p> <p>Wyoming Game and Fish Stream and Lake Database data request results prepared January 8, 2009.</p> | <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Increased salinity from altered runoff in saline soils.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012).</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site.</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff and water quality impacts.</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills.</p> <p>Continued coordination with NRCS, BLM and SERCD regarding management of the Sage Creek watershed.</p> |

| Affected Species |                          |          |  |                                 |                                    | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation |
|------------------|--------------------------|----------|--|---------------------------------|------------------------------------|--|---|------------|
| Common Name      | Scientific Name          | Status   | Habitat  | Occurrence in CCSM Project Site | Area of Site Influence             |  |   |            |
| Bigmouth shiner  | <i>Notropis dorsalis</i> | WGFD-III | Prefer low-gradient tributaries with sand or mud substrates. There are no documented occurrences within the CCSM Project Site although the Wyoming State Wildlife Action Plan (WGFD 2010) identifies the Lower Sage Creek-Upper North Platte subwatershed within the range of the species. | Unlikely                        | North Platte River and tributaries | <p>Wyoming State Wildlife Action Plan distribution maps (WGFD 2010)</p> <p>Degradation of habitat due to increased sedimentation.</p> <p>Alteration of hydrologic conditions from new road construction that could lead to sedimentation, erosion, and channel adjustments resulting in a loss of deep pool habitats.</p> <p>Construction of new road-stream crossings which could result in fragmentation of aquatic habitats and limit access to required habitats or block fish migration.</p> <p>Increased salinity from altered runoff in saline soils.</p> <p>Temporary changes in stream flows from water extraction for construction and dust abatement.</p> | <p>Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)</p> <p>Stream and watershed monitoring program at 21 sites throughout the CCSM Project Site.</p> <p>Site-specific SWPPPs to reduce sedimentation, runoff and water quality impacts.</p> <p>Spill Prevention, Control, and Countermeasures Plan to eliminate risk of spills.</p> <p>Continued coordination with NRCS, BLM and SERCD regarding management of the Sage Creek watershed</p> |            |
| Plants           |                          |          |  |                                 |                                    |  |   |            |

| Affected Species               |   |        |   |                                 |   | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation  |
|--------------------------------|---|--------|---|---------------------------------|---|--|---|---|
| Common Name                    | Scientific Name                                   | Status | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence                        |  |   |   |
| Colorado butterfly plant       | <i>Gaura neomexicana</i> ssp. <i>coloradensis</i> | FT     | Sub-irrigated, alluvial soils on level or slightly sloping floodplains and drainage bottoms; 5,000-6,400 feet | Unlikely                        | Surface Disturbances within CCSM Project Site | Potentially impacted species evaluated in the EIS<br>2013 rare plant surveys for Phase I of the CCSM Project | Loss of habitat<br><br>Indirect loss of habitat through the introduction of nonnative and undesirable plant species<br><br>Direct loss of plant from crushing from construction equipment and/or infrastructure | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Western prairie fringed orchid | <i>Platanthera praeclara</i>                      | FT     | Platte River System   | Downstream                      | Platte River Basin                            | Potentially impacted species evaluated in the EIS  | Temporary changes in stream flows from water extraction for construction and dust abatement   | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |

| Affected Species             |                              |        |   |                                 |   | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation  |
|------------------------------|------------------------------|--------|---|---------------------------------|---|--|---|---|
| Common Name                  | Scientific Name              | Status | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence                        |  |   |   |
| Ute ladies'-tresses          | <i>Spiranthes diluvialis</i> | FT     | Adapted to early-to mid-seral moist to wet conditions, where competition for light, space, water, and other resources is normally kept low by periodic or recent disturbance events; 4,200-7,000 feet | Unlikely                        | Surface Disturbances within CCSM Project Site | Potentially impacted species evaluated in the EIS<br>2013 rare plant surveys for Phase I of the CCSM Project | Loss of habitat<br><br>Indirect loss of habitat through the introduction of nonnative and undesirable plant species<br><br>Direct loss of plant from crushing from construction equipment and/or infrastructure | Applicant Committed Measures,<br>Applicant Committed BMPs,<br>and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Persistent sepal yellowcress | <i>Rorippa calycina</i>      | BLM-S  | Riverbanks and shorelines, usually on sandy soils near high-water line; 5,400-6,600 feet  | Likely                          | Surface Disturbances within CCSM Project Site | Potentially impacted species evaluated in the EIS<br>2013 rare plant surveys for Phase I of the CCSM Project | Loss of habitat<br><br>Indirect loss of habitat through the introduction of nonnative and undesirable plant species<br><br>Direct loss of plant from crushing from construction equipment and/or infrastructure | Applicant Committed Measures,<br>Applicant Committed BMPs,<br>and Proposed Mitigation Measures (Appendix D - BLM 2012)  |

| Affected Species     |                              |        |   |                                 |   | Site Evaluations/<br>Surveys   | Potential Impacts   | Mitigation  |
|----------------------|------------------------------|--------|---|---------------------------------|---|--|---|---|
| Common Name          | Scientific Name              | Status | Habitat   | Occurrence in CCSM Project Site | Area of Site Influence                        |  |   |   |
| Pale blue-eyed grass | <i>Sisyrinchium pallidum</i> | -      | Wetlands, fens, riparian corridors, and meadows; 6,500-9,700 feet | Unlikely                        | Surface Disturbances within CCSM Project Site | Potentially impacted species evaluated in the EIS  | Loss of habitat<br><br>Indirect loss of habitat through the introduction of nonnative and undesirable plant species<br><br>Direct loss of plant from crushing from construction equipment and/or infrastructure | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)<br><br>Biological Assessment/Biological Opinion (BLM 2012) |
| Gibbens' beardtongue | <i>Penstemon gibbensii</i>   | BLM-S  | Sparsely vegetated shale or sandy-clay slopes; 5,500-7,700 feet   | Unlikely                        | Surface Disturbances within CCSM Project Site | Potentially impacted species evaluated in the EIS<br><br>2013 rare plant surveys for Phase I of the CCSM Project | Loss of habitat<br><br>Indirect loss of habitat through the introduction of nonnative and undesirable plant species<br><br>Direct loss of plant from crushing from construction equipment and/or infrastructure | Applicant Committed Measures, Applicant Committed BMPs, and Proposed Mitigation Measures (Appendix D - BLM 2012)  |

TABLE 2. WILDLIFE, FISHERIES, AND SPECIAL STATUS SPECIES EXCLUDED FROM THE ANALYSIS.

| Non-Affected Species              |                                  |                  |   | Excluded From Analysis   |
|-----------------------------------|----------------------------------|------------------|---|--|
| Common Name                       | Scientific Name                  | Status           | Habitat   |  |
| Birds                             |                                  |                  |   |  |
| Shorebirds, Waterbirds, and Gulls |                                  |                  |   |  |
| Trumpeter swan                    | <i>Cygnus buccinator</i>         | BLM-S<br>WGFD-II | Shallow marshes, ponds,<br>lakes, river oxbows                        | Range and distribution (WGFD<br>2010)<br><br>Outside of area of site influence.<br><br>Potential impact to habitat is<br>unlikely. |
| Harlequin duck                    | <i>Histrionicus histrionicus</i> | WGFD-II          | Cold, shallow and fast<br>mountain streams                            | Range and distribution (WGFD<br>2010)<br><br>Outside of area of site influence.<br><br>Potential impact to habitat is<br>unlikely. |
| Owls and Raptors                  |                                  |                  |   |  |
| Great gray owl                    | <i>Strix nebulosa</i>            | WGFD-I           | Dense conifer forests,<br>montane evergreen, and<br>deciduous forests | Range and distribution (WGFD<br>2010)<br><br>Outside of area of site influence.<br><br>Potential impact to habitat is<br>unlikely. |

| Non-Affected Species           |                              |         |   | Excluded From Analysis  |
|--------------------------------|------------------------------|---------|---|---|
| Common Name                    | Scientific Name              | Status  | Habitat   |   |
| Northern pygmy owl             | <i>Glaucidium gnoma</i>      | WGFD-II | Open woodlands, coniferous forests, aspen woodlands, riparian zones | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| Passerines                     |                              |         |   |   |
| Grasshopper sparrow            | <i>Ammodramus savannarum</i> | WGFD-II | Shortgrass prairies, grasslands, meadows, agricultural areas        | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| Black-backed woodpecker        | <i>Picoides arcticus</i>     | WGFD-II | Old growth montane coniferous forests,                              | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| American three-toed woodpecker | <i>Picoides dorsalis</i>     | WGFD-II | High montane forests  | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |

| Non-Affected Species |                               |                   |  | Excluded From Analysis  |
|----------------------|-------------------------------|-------------------|--|---|
| Common Name          | Scientific Name               | Status            | Habitat  |   |
| Dickcissel           | <i>Spiza americana</i>        | WGFD-II           | Grasslands, agricultural areas   | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| Yellow-billed cuckoo | <i>Coccyzus americanus</i>    | BLM-S<br>WGFD-III | Cottonwood riparian zones with low shrubby vegetation  | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| Mammals              |                               |                   |  |   |
| Bats                 |                               |                   |  |   |
| Spotted bat          | <i>Euderma maculatum</i>      | WGFD-II           | Low desert shrublands, juniper woodlands, and grasslands, shallow caves, and abandoned mines | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |
| Northern myotis      | <i>Myotis septentrionalis</i> | WGFD-II           | Northern forested regions, caves, and abandoned mines  | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |

| Non-Affected Species          |                                |                  |   | Excluded From Analysis   |
|-------------------------------|--------------------------------|------------------|---|--|
| Common Name                   | Scientific Name                | Status           | Habitat   |  |
| Pallid bat                    | <i>Antrozous pallidus</i>      | WGFD-III         | Low desert shrublands, juniper woodlands, and grasslands, shallow caves, and abandoned mines    | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Terrestrial Mammals           |                                |                  |   |  |
| Canada lynx                   | <i>Lynx canadensis</i>         | FT<br>WGFD-I     | Boreal forest ecosystems  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Black-tailed prairie dog      | <i>Cynomys ludovicianus</i>    | BLM-S            | Short-grass prairie   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Preble's meadow jumping mouse | <i>Zapus hudsonius preblei</i> | BLM-S<br>WGFD-II | Well-developed riparian vegetation near undisturbed upland grasslands within proximity to water | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species     |                             |         |  | Excluded From Analysis   |
|--------------------------|-----------------------------|---------|--|--|
| Common Name              | Scientific Name             | Status  | Habitat  |  |
| Moose                    | <i>Alces alces</i>          | WGFD-II | Spruce-fir and pine forests, riparian communities dominated by willow, mixed mountain shrub communities, and aspen | Potential impact to habitat is low.  |
| Hispid pocket mouse      | <i>Chaetodipus hispidus</i> | WGFD-II | Shortgrass and open bunchgrass prairie   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains pocket gopher     | <i>Geomys bursarius</i>     | WGFD-II | Sagebrush-grasslands, eastern Great Plains grasslands, and agricultural areas                                      | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Northern flying squirrel | <i>Glaucomys sabrinus</i>   | WGFD-II | Coniferous, deciduous, mixed and riparian forests and woodlands  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species |                            |         |   | Excluded From Analysis   |
|----------------------|----------------------------|---------|---|--|
| Common Name          | Scientific Name            | Status  | Habitat   |  |
| Wolverine            | <i>Gulo gulo</i>           | WGFD-II | Sub-alpine coniferous forests, especially dense, continuous stands in remote mountain areas and alpine habitats           | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| American marten      | <i>Martes americana</i>    | WGFD-II | Old-growth conifer/mixed stands   | Potential impact to habitat is low.  |
| Water vole           | <i>Mirotus richardsoni</i> | WGFD-II | Moist subalpine and alpine meadows of willows, grasses and forbs atop deep soils adjacent to streams with narrow channels | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Cliff chipmunk       | <i>Neotamias dorsalis</i>  | WGFD-II | Steep, rocky hillsides, rock outcrops, cliffs, and talus slopes in juniper woodlands.                                     | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| American pika        | <i>Ochotona princeps</i>   | WGFD-II | Sub-alpine to alpine talus slopes, adjacent to meadows  | Potential impact to habitat is low.  |
| Bighorn sheep        | <i>Ovis canadensis</i>     | WGFD-II | Open, grassy areas associated with escape cover as year round habitat   | Potential impact to habitat is low.  |

| Non-Affected Species     |                                 |         |   | Excluded From Analysis   |
|--------------------------|---------------------------------|---------|---|--|
| Common Name              | Scientific Name                 | Status  | Habitat   |  |
| Silky pocket mouse       | <i>Perognathus flavus</i>       | WGFD-II | Grasslands, shrublands, and juniper woodlands on valley bottoms, hillsides, and mesas | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Great Basin pocket mouse | <i>Perognathus parvus</i>       | WGFD-II | Sandy sagebrush-steppe  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Canyon mouse             | <i>Peromyscus crinitus</i>      | WGFD-II | Rocky habitats, such as cliffs, boulders, and talus                                   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Piñon mouse              | <i>Peromyscus truei</i>         | WGFD-II | Juniper grasslands and shrub-steppe where shrubs are not dense                        | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains harvest mouse     | <i>Reithrodontomys montanus</i> | WGFD-II | Shortgrass and mixed-grass prairies, and sagebrush-grasslands                         | Range and distribution (WGFD 2010)   |

| Non-Affected Species |                            |          |  | Excluded From Analysis   |
|----------------------|----------------------------|----------|--|--|
| Common Name          | Scientific Name            | Status   | Habitat  |  |
| Pygmy shrew          | <i>Sorex hoyi</i>          | WGFD-II  | Engelman spruce/subalpine fir forest near sphagnum moss bogs                         | Potential impact to habitat is low.  |
| Dwarf shrew          | <i>Sorex nanus</i>         | WGFD-II  | Arid shortgrass prairie, montane forests, and alpine tundra                          | Potential impacts to habitat is low.   |
| Preble's shrew       | <i>Sorex preblei</i>       | WGFD-II  | Sagebrush-grasslands, openings in subalpine coniferous forest dominated by sagebrush | Range and distribution (WGFD 2010)<br>Potential impact to habitat is low.  |
| Idaho pocket gopher  | <i>Thomomys idahoensis</i> | WGFD-II  | Sagebrush, grasslands and montane meadows  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Fisher               | <i>Martes pennanti</i>     | WGFD-III | Coniferous forests, aspen and cottonwood-riparian areas                              | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Least weasel         | <i>Mustela nivalis</i>     | WGFD-III | Meadows, marshes, farmlands, and grassy fields, and avoids forests                   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species |                               |          |  | Excluded From Analysis   |
|----------------------|-------------------------------|----------|--|--|
| Common Name          | Scientific Name               | Status   | Habitat  |  |
| Yellow-pine chipmunk | <i>Neotamias amoenus</i>      | WGFD-III | Brushy areas between subalpine forest and alpine tundra, and in alpine areas; coniferous forest, especially lodgepole pine, mixed aspen, and juniper | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Uinta chipmunk       | <i>Neotamias umbrinus</i>     | WGFD-III | Coniferous forest edge   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains pocket mouse  | <i>Perognathus flavescens</i> | WGFD-III | Sand dunes, sagebrush-grassland, yucca-grassland, and grama grassland  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Hayden's shrew       | <i>Sorex haydeni</i>          | WGFD-III | Grasslands, prairies, marshes, riparian area and wet meadows   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species        |   |          |  | Excluded From Analysis   |
|-----------------------------|---|----------|--|--|
| Common Name                 | Scientific Name                               | Status   | Habitat  |  |
| Spotted ground squirrel     | <i>Spermophilus spilosoma</i>                 | WGFD-III | Sagebrush-grasslands, grasslands, disturbed areas and sand dunes   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Reptiles                    |   |          |  |  |
| Lizards                     |   |          |  |  |
| Prairie racerunner          | <i>Aspidoscelis sexlineatus viridis</i>       | WGFD-II  | Open areas in grasslands, sand hills, floodplains and woodlands  | Range and distribution (WGFD 2010)   |
| Prairie lizard              | <i>Sceloporus consobrinus</i>                 | WGFD-II  | Grassland hillsides, sandy areas, sandstone outcrops, cliffs, talus, and other various outcroppings                                      | Range and distribution (WGFD 2010)   |
| Northern tree lizard        | <i>Urosaurus ornatus wrighti</i>              | WGFD-II  | Cliffs and rocky canyon slopes in sagebrush desert habitats  | Range and distribution (WGFD 2010)   |
| Great plains earless lizard | <i>Holbrookia maculata maculata</i>           | WGFD-III | Grassland habitats in the plains, especially with yucca and sandy areas. Also occurs along streams, prairie-dog towns, and open expanses | Range and distribution (WGFD 2010)   |
| Northern many-lined skink   | <i>Plestiodon multivirgatus multivirgatus</i> | WGFD-III | Grassland communities in the plains zones, including prairies and scarp woodlands with loose soil  | Range and distribution (WGFD 2010)   |

| Non-Affected Species     |  |          |   | Excluded From Analysis   |
|--------------------------|--|----------|---|--|
| Common Name              | Scientific Name                          | Status   | Habitat   |  |
| Great basin skink        | <i>Plestiodon skiltonianus utahensis</i> | WGFD-III | Coniferous forests, rock outcroppings, talus slopes, and open areas between forest stands | Range and distribution (WGFD 2010)   |
| Snakes                   |  |          |   |  |
| Midget faded rattlesnake | <i>Crotalus oreganus concolor</i>        | WGFD-I   | Rock outcrops in sagebrush desert   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Northern rubber boa      | <i>Charina bottae</i>                    | WGFD-II  | Flat rocks and water nearby   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains hog-nosed snake   | <i>Heterodon nasicus</i>                 | WGFD-II  | Grasslands and sandhills on the plains, where it burrows in loose soils                   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species          |   |         |   | Excluded From Analysis   |
|-------------------------------|---|---------|---|--|
| Common Name                   | Scientific Name                             | Status  | Habitat   |  |
| Pale milksnake                | <i>Lampropeltis triangulum multistriata</i> | WGFD-II | Grasslands, sandhills and scarp woodlands below 6,000 feet            | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Smooth greensnake             | <i>Opheodrys vernalis</i>                   | WGFD-II | Forested areas of the foothills and montane zones and lush vegetation | Potential impact to habitat is low.  |
| Great Basin gophersnake       | <i>Pituophis catenifer deserticola</i>      | WGFD-II | Sagebrush communities and deserts in the plains zone                  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Black Hills red-bellied snake | <i>Storeria occipitomaculata pahasapae</i>  | WGFD-II | Mountainous or hilly woodlands  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains black-headed snake     | <i>Tantilla nigriceps</i>                   | WGFD-II | Grasslands, sand hills, foothills and rocky canyons                   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species    |                                       |          |  | Excluded From Analysis   |
|-------------------------|---------------------------------------|----------|--|--|
| Common Name             | Scientific Name                       | Status   | Habitat  |  |
| Plains gartersnake      | <i>Thamnophis radix</i>               | WGFD-II  | Residential areas, dry grasslands and sandhills near small streams, sloughs, marshes and ponds | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Valley gartersnake      | <i>Thamnophis sirtalis fitchi</i>     | WGFD-II  | Grasslands, woodlands, shrub brush, chaparral and forests, often near water                    | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Red-sided gartersnake   | <i>Thamnophis sirtalis parietalis</i> | WGFD-II  | Grasslands, woodlands, shrub brush, chaparral and forests, often near water                    | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Turtles                 |                                       |          |  |  |
| Western spiny softshell | <i>Apalone spinifera hartwegi</i>     | WGFD-III | Prefer permanent lakes, rivers, and larger streams below 6000 feet                             | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species      |                                |                  |  | Excluded From Analysis   |
|---------------------------|--------------------------------|------------------|--|--|
| Common Name               | Scientific Name                | Status           | Habitat  |  |
| Western painted turtle    | <i>Chrysemys picta bellii</i>  | WGFD-III         | Swampy habitats, marshes, small lakes, ponds, ditches, and muddy streams with slow moving water and soft bottoms | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Ornate box turtle         | <i>Terrapene ornata ornata</i> | WGFD-III         | Prairies and sandy, treeless grasslands, also occurs in open woodlands   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Fish                      |                                |                  |  |  |
| Hornyhead chub            | <i>Nocomis biguttatus</i>      | BLM-S<br>WGFD-II | Clear streams with riffle habitat and gravel substrate   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Northern leatherside chub | <i>Gila copei</i>              | WGFD-I           | Deep pools in medium sized streams with cool water temperatures  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species        |                                      |         |   | Excluded From Analysis   |
|-----------------------------|--------------------------------------|---------|---|--|
| Common Name                 | Scientific Name                      | Status  | Habitat   |  |
| Sturgeon chub               | <i>Macryhbopsis gelida</i>           | WGFD-I  | Free-flowing, turbid river systems with hard substrates and relatively shallow, high current velocity habitats                              | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Yellowstone cutthroat trout | <i>Oncorhynchus clarkii bouvieri</i> | WGFD-I  | Coldwater habitats in the Yellowstone River drainage downstream to the Tongue River; Pacific Crekan and other Upper Snake River tributaries | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Kendall Warm Springs dace   | <i>Rhinichthys osculus thermalis</i> | WGFD-I  | Kendall Warm Springs Creek  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains topminnow            | <i>Fundulus sciadicus</i>            | WGFD-II | Shallow, slow water in clear streams with heavy vegetation  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species   |                              |         |   | Excluded From Analysis   |
|------------------------|------------------------------|---------|---|--|
| Common Name            | Scientific Name              | Status  | Habitat   |  |
| Goldeye                | <i>Hiodon alosoides</i>      | WGFD-II | Large rivers and their associated backwaters and marshes                    | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Western silvery minnow | <i>Hybognathus argyritis</i> | WGFD-II | Medium to large, prairie rivers in habitats with sluggish flows             | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plains minnow          | <i>Hybognathus placitus</i>  | WGFD-II | Large, turbid, prairie streams and rivers, slow water and side pool habitat | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Burbot                 | <i>Lota lota</i>             | WGFD-II | Cold, deep lakes and large rivers   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species        |                                  |         |  | Excluded From Analysis   |
|-----------------------------|----------------------------------|---------|--|--|
| Common Name                 | Scientific Name                  | Status  | Habitat  |  |
| Pearl dace                  | <i>Margariscus margarita</i>     | WGFD-II | Slow moving, spring-fed streams with well-vegetated banks  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Snake River cutthroat trout | <i>Oncorhynchus clarkii</i>      | WGFD-II | Larger river, reservoirs, lakes, and small streams with good overhead or instream cover                  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Bonneville cutthroat trout  | <i>Oncorhynchus clarkii utah</i> | WGFD-II | Gravel-bottomed creek and rivers as well as lakes; Smith Fork, Thomas Fork and the Rear River watersheds | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Suckermouth minnow          | <i>Phenacobius mirabilis</i>     | WGFD-II | Riffles of warm streams, with gravel or sand substrates  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species |                                    |          |  | Excluded From Analysis   |
|----------------------|------------------------------------|----------|--|--|
| Common Name          | Scientific Name                    | Status   | Habitat  |  |
| Finescale dace       | <i>Phoxinus neogaeus</i>           | WGFD-II  | Slow, stagnant water with abundant vegetation or other cover   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Sauger               | <i>Sander canadensis</i>           | WGFD-II  | Free-flowing, turbid river systems with deep, low-velocity pools and runs                            | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Shovelnose sturgeon  | <i>Scaphirhynchus platorynchus</i> | WGFD-II  | Bottom of large, unregulated, turbid rivers with relatively warm water free of chemical contaminants | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Central stoneroller  | <i>Campostoma anomalum</i>         | WGFD-III | Cool, clear streams with enough flows to keep the substrate free of silt                             | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species      |                              |          |   | Excluded From Analysis   |
|---------------------------|------------------------------|----------|---|--|
| Common Name               | Scientific Name              | Status   | Habitat   |  |
| Orangethroat darter       | <i>Etheostoma spectabile</i> | WGFD-III | Clear to moderately turbid water with gravel substrates                               | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Northern plains killifish | <i>Fundulus kansae</i>       | WGFD-III | Shallow streams with sand or gravel substrate   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Common shiner             | <i>Luxilus cornutus</i>      | WGFD-III | Cool, clear streams with gravel substrates, little vegetation, and flowing water      | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Flathead chub             | <i>Platygobio gracilis</i>   | WGFD-III | Channels of sandy, turbid streams with small substrates, deep water, and woody debris | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Amphibians                |                              |          |   |  |
| Frogs                     |                              |          |   |  |

| Non-Affected Species  |                              |          |   | Excluded From Analysis   |
|-----------------------|------------------------------|----------|---|--|
| Common Name           | Scientific Name              | Status   | Habitat   |  |
| Wood frog             | <i>Lithobates sylvaticus</i> | WGFD-II  | Beaver ponds, slowly moving streams, small lakes, wet meadows, and willow thickets typical around 9,000 feet in elevation   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Columbia spotted frog | <i>Rana luteiventris</i>     | WGFD-II  | Foothill and montane zones within pooled to flowing wetlands, small streams, lake margins, moist forests, and moist meadows | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Toads                 |                              |          |   |  |
| Wyoming toad          | <i>Anaxyrus baxteri</i>      | WGFD-I   | Floodplains, ponds, and small seepage lakes in the mixed grass prairies   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Great plains toad     | <i>Anaxyrus cognatus</i>     | WGFD-III | Grasslands, sand hills and agricultural areas below 6,000 feet in elevation   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species      |                              |          |  | Excluded From Analysis   |
|---------------------------|------------------------------|----------|--|--|
| Common Name               | Scientific Name              | Status   | Habitat  |  |
| Plains spadefoot          | <i>Spea bombifrons</i>       | WGFD-III | Plains grasslands and sagebrush communities below 6,000 feet in elevation. Requires loose soils for burrowing. | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Crustaceans               |                              |          |  |  |
| Crayfish                  |                              |          |  |  |
| Pilose crayfish           | <i>Pacifastacus gambelii</i> | WGFD-II  | Lentic and lotic habitats  | Potential impact to habitat is low.  |
| Devil crayfish            | <i>Cambarus diogenes</i>     | WGFD-III | Forested habitats near temporary or permanent water, or where the water table is near the surface              | Potential impact to habitat is low.  |
| Calico crayfish           | <i>Orconectes immunis</i>    | WGFD-III | Ditches, floodplains, pools, and intermittent streams  | Potential impact to habitat is low.  |
| Ringed crayfish           | <i>Orconectes neglectus</i>  | WGFD-III | Small to large permanent streams with clear water and rocky substrate  | Potential impact to habitat is low.  |
| Shrimp                    |                              |          |  |  |
| Shrimp                    | [Combined account]           | WGFD-III | Temporary wetlands such as rock pools, vernal pools, seasonal wetlands, alpine pools, and alkali lakes         | Potential impact to habitat is low.  |
| Mollusks                  |                              |          |  |  |
| Oreohelix mountain snails | [Combined account]           | WGFD-I   | Mountains in areas with canopy cover and leaf or needle litter   | Potential impact to habitat is low.  |

| Non-Affected Species     |                                  |         |  | Excluded From Analysis   |
|--------------------------|----------------------------------|---------|--|--|
| Common Name              | Scientific Name                  | Status  | Habitat  |  |
| Jackson Lake springsnail | <i>Pyrgulopsis robusta</i>       | WGFD-I  | Lakes, reservoirs, streams, and springs under a wide range of temperatures                     | Potential impact to habitat is low.  |
| Aquatic snails           | [Combined account]               | WGFD-II | Lentic and lotic ecosystems on substrate in the benthos interface                              | Potential impact to habitat is low.  |
| Land snails              | [Combined account]               | WGFD-II | Soils, caves, litter, vegetation, rocks, epiphytes, and canopies                               | Potential impact to habitat is low.  |
| California floater       | <i>Anodonta californiensis</i>   | WGFD-II | Shallow habitats with sand and silt substrate in large rivers, lakes, and low gradient streams | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Cylindrical papershell   | <i>Anodontoides feussacianus</i> | WGFD-II | Small streams and low gradient headwater streams in mud and sand substrate                     | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Plain pocketbook         | <i>Lampsilis cardium</i>         | WGFD-II | Small streams to large rivers in mud, sand and gravel substrates                               | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species |                              |         |   | Excluded From Analysis   |
|----------------------|------------------------------|---------|---|--|
| Common Name          | Scientific Name              | Status  | Habitat   |  |
| Fatmucket            | <i>Lampsilis siliquoidea</i> | WGFD-II | Small to medium sized streams and lakes in mud, sand, and gravel substrates           | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| White heelsplitter   | <i>Lasmigona complanata</i>  | WGFD-II | Lakes, reservoirs, and low velocity streams with mud, sand, and fine gravel substrate | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Western pearlshell   | <i>Margaritifera falcata</i> | WGFD-II | Large, cold, clear rivers and headwater streams in sand, gravel, and cobble substrate | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Cave physa           | <i>Physella spelunca</i>     | WGFD-II | Hot spring in Lower Cane Cave   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species                 |                              |          |  | Excluded From Analysis   |
|--------------------------------------|------------------------------|----------|--|--|
| Common Name                          | Scientific Name              | Status   | Habitat  |  |
| Giant floater                        | <i>Pyganodon grandis</i>     | WGFD-II  | Low velocity habitats in streams, rivers, lakes, and reservoirs in fine substrates such as silt and sand | Potential impact to habitat is low.  |
| Pill clams                           | [Combined account]           | WGFD-III | Fine substrates in cold to warm water that is flowing, stagnant, and even temporary                      | Potential impact to habitat is low.  |
| Pond snails<br>( <i>Stagnicola</i> ) | [Combined account]           | WGFD-III | Ponds or slow moving streams   | Potential impact to habitat is low.  |
| Plants                               |                              |          |  |  |
| Blowout penstemon                    | <i>Penstemon haydenii</i>    | FE       | Primary blowout species on active sand dunes in Nebraska sandhills prairie with very little ground cover | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Laramie columbine                    | <i>Aquilegia laramiensis</i> | BLM-S    | Crevices of granite boulders and cliffs; 6,400-8,000 feet  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species    |                                 |        |   | Excluded From Analysis   |
|-------------------------|---------------------------------|--------|---|--|
| Common Name             | Scientific Name                 | Status | Habitat   |  |
| Meadow milkvetch        | <i>Astragalus diversifolius</i> | BLM-S  | Sagebrush valleys and closed-basin drainages in moist alkaline meadows; 6,500-6,620 feet  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Cedar Rim thistle       | <i>Cirsium aridum</i>           | BLM-S  | Barren, chalky hills, gravelly slopes, and fine textured, sandy-shaley draws; 6,700-7,200 feet  | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Limber pine             | <i>Pinus flexilis</i>           | BLM-S  | Timberline and at lower elevation with sagebrush. Associated species include lodgepole pine, Engelmann spruce, whitbark pine, Douglas-fir, subalpine fir, Rocky mountain juniper, and common juniper. | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |
| Laramie false sagebrush | <i>Sphaeromeria simplex</i>     | BLM-S  | Cushion plant communities on rocky limestone ridges and gentle slopes; 7,500-8,600 feet   | Range and distribution (WGFD 2010)<br>Outside of area of site influence.<br>Potential impact to habitat is unlikely. |

| Non-Affected Species |                           |        |   | Excluded From Analysis  |
|----------------------|---------------------------|--------|---|---|
| Common Name          | Scientific Name           | Status | Habitat   |   |
| North Park phacelia  | <i>Phacelia formulosa</i> | -      | Sparsely vegetated exposures of the Coalmont Formation; steep sided ravines, low sandy hills and bluffs; 8,000-8,500 feet | <p>Range and distribution (WGFD 2010)</p> <p>Outside of area of site influence.</p> <p>Potential impact to habitat is unlikely.</p> |