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- Appendix J. Bureau of Land Management Sensitive Species Evaluation

## ABBREVIATIONS AND ACRONYMS USED IN THIS REPORT

|                    |   |
|--------------------|---|
| µeq/L              | microequivalent per liter   |
| µg/m <sup>3</sup>  | micrograms per cubic meter  |
| AML                | abandoned mine land   |
| AQRV               | air quality related value   |
| AVF                | alluvial valley floor   |
| B.P.               | before present  |
| bcf                | billion cubic feet  |
| BLM                | U.S. Bureau of Land Management  |
| BNSF               | Burlington Northern Santa Fe  |
| Btu                | British thermal units   |
| C2P2               | Coal Combustion Products Partnership  |
| CAA                | Clean Air Act   |
| CBNG               | coal bed natural gas  |
| CCP                | coal combustion product   |
| CCSD               | Campbell County School District   |
| CERCLA             | Comprehensive Environmental Response, Compensation, and Liability Act, as amended |
| CFR                | Code of Federal Regulations   |
| cfs                | cubic feet per second   |
| CO                 | carbon monoxide   |
| CO <sub>2</sub>    | carbon dioxide  |
| CO <sub>2</sub> Eq | equivalent carbon dioxide   |
| Collins Road       | Campbell County Road 23   |
| Corps              | U.S. Army Corps of Engineers  |
| dB                 | decibel   |
| dBA                | A-weighted decibel  |
| DM&E               | Dakota, Minnesota and Eastern Railroad Corporation                                |
| DOE                | U.S. Department of Energy   |
| dv                 | deciview  |
| EC                 | electrical conductivity   |
| EIS                | environmental impact statement  |

|                 |   |
|-----------------|---|
| EPA             | U.S. Environmental Protection Agency                    |
| EPRI            | Electric Power Research Institute                       |
| ESA             | Endangered Species Act of 1973, as amended              |
| F               | Fahrenheit  |
| FLPMA           | Federal Land Policy Management Act                      |
| FMR             | federal mineral royalties                               |
| GAGMO           | Gillette Area Groundwater Monitoring Organization       |
| GHG             | greenhouse gas  |
| GSP             | gross state product                                     |
| Highway 14-16   | U.S. Highway 14-16                                      |
| Highway 59      | Wyoming State Highway 59                                |
| IMPROVE         | Interagency Monitoring of Protected Visual Environments |
| IPCC            | Intergovernmental Panel on Climate Change               |
| Kiewit          | Kiewit Mining Properties, Inc.                          |
| LBA             | lease by application                                    |
| LDN             | day-night noise levels                                  |
| L <sub>eq</sub> | equivalent noise level                                  |
| LRPL            | least restrictive proposed limit                        |
| McGee Road      | Campbell County Road 73                                 |
| mmgpy           | million gallons per year                                |
| mmtpy           | million tons of coal per year                           |
| MRPL            | most restrictive proposed limit                         |
| MSHA            | Mine Safety and Health Administration                   |
| MW              | megawatts   |
| NAAQS           | National Ambient Air Quality Standards                  |
| NCDB            | National Compliance Data Base                           |
| NEAP            | Natural Events Action Policy                            |
| NEPA            | National Environmental Policy Act                       |
| NIOSH           | National Institute for Occupational Safety and Health   |
| NO <sub>2</sub> | nitrogen dioxide  |
| NO <sub>x</sub> | nitrogen oxides   |
| NRHP            | National Register of Historic Places                    |

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|                   |   |
|-------------------|---|
| NWI               | National Wetland Inventory  |
| NWLSWG            | Northeast Wyoming Local Sage-Grouse Working Group   |
| O <sub>3</sub>    | ozone   |
| OSHA              | Occupational Safety and Health Administration   |
| OSM               | Office of Surface Mining Reclamation and Enforcement  |
| P&M               | Pittsburg and Midway Coal Mining Company  |
| PM <sub>10</sub>  | particulate matter measuring 10 micrometers or less in diameter   |
| PM <sub>2.5</sub> | particulate matter measuring 2.5 micrometers or less in diameter  |
| PRB               | Powder River Basin  |
| PRRCT             | Powder River Regional Coal Team   |
| PSD               | prevention of significant deterioration   |
| RMP               | resource management plan  |
| ROD               | record of decision  |
| RV                | recreational vehicle  |
| SAR               | sodium adsorption ratio   |
| SARA              | Superfund Amendments and Re-authorization Act   |
| SEO               | State Engineer's Office   |
| SHPO              | State Historic Preservation Office  |
| SIP               | state implementation plan   |
| SMCRA             | Surface Mining Control and Reclamation Act of 1977  |
| SO <sub>2</sub>   | sulfur dioxide  |
| TDS               | total dissolved solids  |
| TEOM              | Tapered Element Oscillating Microbalance  |
| TSP               | total suspended particles   |
| UP                | Union Pacific   |
| USFWS             | U.S. Fish and Wildlife Service  |
| USGS              | U.S. Geological Survey  |
| USGS CHIA         | Cumulative Potential Hydrologic Impacts of Surface Coal Mining in the Eastern Powder River Structural Basin, Northeastern Wyoming |
| USNRC             | U.S. Nuclear Regulatory Commission  |
| VOC               | volatile organic compound   |
| VRM               | visual resource management  |
| WAAQS             | Wyoming Ambient Air Quality Standards   |

|                             |  |
|-----------------------------|--|
| WDEQ                        | Wyoming Department of Environmental Quality  |
| WDEQ/AQD                    | Wyoming Department of Environmental Quality/Air Quality Division                                 |
| WDEQ/LQD                    | Wyoming Department of Environmental Quality/Land Quality Division                                |
| WDEQ/WQD                    | Wyoming Department of Environmental Quality/Water Quality Division                               |
| WGFD                        | Wyoming Game and Fish Department   |
| WSO-RMG                     | BLM Wyoming State Office–Reservoir Management Group  |
| Wyoming PRB Oil and Gas EIS | Final Environmental Impact Statement and Proposed Plan Amendment for the PRB Oil and Gas Project |