

BIBLIOGRAPHY

Aaberg, S. and W. Tallbull

1993. Northern Cheyenne Ethnobotany of the Tongue River Reservoir Area. Report for Morrison-Maierle Environmental, Helena, MT.

ACHP

1980. Treatment of Archeological Properties: A Handbook. American Cultural Heritage Program, Washington, D.C., 1980.

ACRCS

2006. Class I Overview of Paleontological & Cultural Resources in Eastern Montana, September 2006.

Admin report BIA-3

1975. Status of Mineral Resource Information for the Northern Cheyenne Indian Reservation, Montana Administrative Report BIA-3.

Admin report BIA-7

1975. Status of Mineral Resource Information for the Crow Indian Reservation, Montana Administrative Report BIA-7.

Advanced Resources International

2002. Memorandum to Peter Lagiovanne, "CBM-Type Wells for the Powder River Basin" June 2002.

Agnew, W.

1983. Flora and fauna associated with prairie dog ecosystems. M.S. Thesis. Colorado State University, Fort Collins, CO.

Agnew, W., D.W. Uresk, and R.M. Hansen

1986. Flora and Fauna Associated with Prairie Dog Colonies and Adjacent Ungrazed Mixed-Grass Prairie in Western South Dakota. *J. Range Manage.* 39:135-139.

ALL

- 2001a. Soils Technical Report, Montana statewide oil and gas environmental impact statement and amendment of the Powder River and Billings resource management plans. Prepared for the U.S. Department of the Interior, Bureau of Land Management, Miles City Field Office. ALL Consulting, Tulsa, OK.

ALL

- 2001b. Water Resources Technical Report, Montana statewide oil and gas environmental impact statement and amendment of the Powder River and Billings resource management plans. Prepared for the U.S. Department of the Interior, Bureau of Land Management, Miles City Field Office. ALL Consulting, Tulsa, OK.

ALL

2006. Air Quality Model Technical Support Document for the Supplement to the Statewide Final Oil and Gas Environmental Impact Statement and Amendment of the Powder River and Billings Resource Management Plans. Prepared for the U.S. Department of the Interior, Bureau of Land Management, Miles City Field Office. ALL Consulting, Tulsa, OK.

Allen, K.L., T. Weaver, and D. Flath

1994. Small mammals in Northern Rocky Mountain ecosystems. Unpubl. report to Bureau of Land Management and United States Forest Service, August 31, 1994. Montana State University, Bozeman, MT.

American Fisheries Society (AFS)

2005. Montana Chapter of the American Fisheries Society, Fish Species of Special Concern website. <http://www.fisheries.org/AFSMontana/SC.htm>

American Ornithologists' Union (AOU)

1983. Checklist of North American birds, 6th ed. American Ornithologists' Union, Washington, D.C.

Anderson, D.W. and J.O. Keith

1980. "The human influence on seabird nesting success: Conservation implications." *Biological Conservation* 18:65-80.

AOU

See American Ornithologists' Union.

BIBLIOGRAPHY

Avian Power Line Interaction Committee (APLIC)

2006. Suggested practices for avian protection on power lines: The state of the art in 2006. Edison Electric Institute and California Electric Commission, Washington, D.C. and Sacramento, CA. 207pp.

Apple, L.

2005. Raptor Inventory and Monitoring Report, Bureau of Land Management, Miles City Field Office.

Applied Hydrology Associates

2001. Cumulative Impacts of Coal Bed Methane Development on Water Quality in the Powder and Little Powder Rivers. August 16, 2001.

Argonne National Laboratory

2002. Air Quality Impact Assessment Technical Support Document, Montana Statewide EIS/RMP Amendment of the Powder River and Billings Resource Management Plans. Prepared for the U.S. Department of the Interior, Bureau of Land Management, Montana State Office.

ARI, Inc.

2002. PRB Reservoir Performance Model, report by Advanced Resources International, Inc. for US DOE, May, 2002.

Armstrup, S.

1978. Activities and habitat use of pronghorns on Montana-Wyoming coal lands. Proc. Bienn. Pronghorn Ant. Workshop 8:270-306.

Autenrieth, R.E.

1981. Sage grouse management in Idaho. Wildl. Bull. 9. Idaho Dep. Fish and Game, Boise.

Ayers and Westcot

1985. Ayers, R.S., and D.S. Westcot, 1985 Water Quality for Agriculture, FAO Paper 29, Rev.1.Rome.

Barton and Crispin

2003. Globally Significant Plants in Southeastern Big Horn and Southwestern Rosebud Counties, Montana. Montana Natural Heritage Program, Helena.

Bartos, Timothy T. and Kathy Muller Ogle.

2002. Water Quality and Environmental Isotopic Analyses of Ground-Water Samples Collected from the Wasatch and Fort Union Formations in Areas of Coalbed Methane Development – Implications to Recharge and Ground-Water Flow, Eastern Powder River Basin, Wyoming. Wyoming State Engineer's Office and the Bureau of Land Management. Water-Resources Investigations Report 02-4045.

Bauder, J.

2001. Final Report. Recommended In-Stream Standards, Thresholds, and Criteria for Irrigation or Water Spreading to Soils of Alluvial Channels, Ephemeral Streams, Floodplains, and Potentially Irrigable Parcels of Land Within the Boundaries of the Northern Cheyenne Reservation.

Bauder, J.W.

1998. Salt problems common in Montana soils. MSU Extension Publication Newsletter. Bozeman, MT.

Bauder, J.W.

1999. Coal Bed Methane Gas and Montana Water Quality. Unpublished document. Extension Soil and Water Quality Specialist, Montana State University. Bozeman, Montana.

Bauder, J.W.

2001. Recommended in-stream standards, thresholds and criteria for irrigation or water spreading to soils of alluvial channels, ephemeral streams, flood plains, and potentially irrigable parcels of land within the boundaries of the Northern Cheyenne Reservation. Montana State University. Bozeman, MT.

Bauder, J.W.

- 2001a. Letter to Montana DEQ c/o Davis & Cannon. Impacts on Swartz Ranch. June 25, 2001.

Bauder, J.W.

2002. Letter to Montana Board of Environmental Review. Revised Written Statement of Testimony Presented At September 26 Miles City Hearing. September 27, 2002.

- Bayless, S.**
1967. Winter range use of pronghorn antelope in central Montana. M.S. thesis. Montana State University, Bozeman, MT.
- Beck, T.D.I.**
1977. Sage grouse flock characteristics and habitat selection during winter. *Journal of Wildlife Management*. 41:18-26.
- Bell, M.C.**
1986. *Fisheries handbook of engineering requirements and biological criteria*. Fish Passage Development and Evaluation Program. U.S. Army Corps of Engineers.
- Berry, J.D., and R.L. Eng**
1985. Interseasonal movements and fidelity to seasonal use areas by female Sage Grouse. *J. Wildl. Manage.* 49:237-240.
- Bevanger, K.**
1998. Biological and Conservation Aspects of Bird Mortality Caused by Electricity Power Lines: A Review. *Biological Conservation*. 86:67-76.
- BIA**
See U.S. Bureau of Indian Affairs.
- Billings Gazette**
2001. "Readers Weigh in on Coalbed Methane." *Billings Gazette*. February 25, 2001.
- Bjornn, T.C., and D.W. Reiser**
1991. "Habitat requirements of salmonids in streams." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.
- Blend, J.**
2001. Personal communication between Jeff Blend/Montana Department of Environmental Quality and Tim Burkhardt/CH2M HILL, April 4, 2001.
- Blend, J.**
2001a. Comments on CBM Natural Gas Alliance Economic Report. September 5, 2001.
- BLM**
See USDI Bureau of Land Management
- Board of Environmental Review of the State of Montana.**
2002a. Notice of Proposed Adoption of Amendment (Water Quality). 2002.
- Board of Environmental Review of the State of Montana.**
2002b. Amended Notice of Public Hearing on Proposed Adoption and Amendment (Water Quality). 2002.
- Board of Environmental Review of the State of Montana.**
2002c. Petition for Rule-Making to Set Numeric Water Quality Standards for Electrical Conductivity and Sodium Adsorption Ratio. August, 2002.
- Bobst**
2005a. 2004 Overview of Surface Water Monitoring Data for EC and SAR in the Tongue River Watershed. BLM Miles City Field Office, March 2005.
- Bobst**
2005b. 2004 Overview of Surface Water Monitoring Data for EC and SAR in the Powder River Watershed. BLM Miles City Field Office, September 2005.
- Bobst**
2006. Water Year 2005 Overview of Surface Water Monitoring Data for EC, SAR and Flow in the Tongue River Watershed. BLM Miles City Field Office.
- BOGC**
See Montana Board of Oil and Gas Conservation.
- Bohman, R.**
2001. Personal communication between Jon W. Seekins and Mr. Bohman, MDEQ, August 2001.
- Bradbury, J. W., R. M. Gibson, C. E. McCarthy, and S.I. Vehrencamp**
1989. Dispersion of displaying male sage grouse. II. The role of female dispersion. *Behavioral Ecology and Sociobiology* 24:15-24.

BIBLIOGRAPHY

- Brady, N. C.**
1990. The nature and properties of soils. New York, McMillan Publishing Co., p. 47.
- Bramblett, R.G., T.R. Johnson, A.V. Zale, and D.G. Heggem**
2005. Development and evaluation of a fish assemblage index of biotic integrity for Northwestern Great Plains streams. Transactions of the American Fisheries Society. 134: 624-640.
- Braun, C.E., O.O. Oedekoven, and C.L. Aldridge**
Oil and Gas Development in Western North America: Effects on Sagebrush Steppe Avifauna with Particular Emphasis on Sage-grouse. Available from URL http://www.uppergreen.org/library/docs/NAConf_Braun.pdf.
- Brink, et al.**
2004. Tracking CBM Infiltration Pond Impacts Upon Groundwater Using Strontium Isotopes, CBNG Research Conference, Univ. of Wyoming, August 2004.
- Brittingham, M.C. and S.A. Temple**
1983. "Have cowbirds caused forest songbirds to decline?" Bioscience, 33:31-35.
- Bruns, E.H.**
1977. "Winger behavior of pronghorns in relation to habitat." *Journal of Wildlife Management*. 41:560-571.
- Busack, S.D. and R.B. Bury**
1974. "Some effects of off-road vehicles and sheep grazing on lizard populations in the Mojave Desert." *Biological Conservation*. 6(3):179-83.
- Calvert, W.R.**
1912a. The Livingston and Trail Creek Coal Fields, Park, Gallatin, and Sweetgrass Counties, Montana. In Contributions to Economic Geology 1910. U.S. Geological Survey Bulletin 471.
- Calvert, W.R.**
1912b. The Electric Coal Field, Park County, Montana. In Contributions to Economic Geology 1910. U.S. Geological Survey Bulletin 471.
- Campbell, T. M., III, and T. W. Clark**
1981. Colony characteristics and vertebrate associations of white-tailed and black-tailed prairie dogs in Wyoming. *Amer. Midl. Nat.* 105:269-276.
- Campen, E. and J. R. Gruber**
1991. Coal and Coalbed Methane Resources of Montana, Rocky Mountain Association of Geologists.
- Campen, B.**
1990. Exploring the coalbeds of Montana. *Western Oil World*. Pp. 24-26.
- Carlson, J.C. and S.V. Cooper**
2003. Plant and Animal resources and Ecological Condition of the Forks Ranch Unit of the Padlock Ranch, Big Horn County, Montana and Sheridan County, Wyoming. Report to the Padlock Ranch and Montana BLM. Montana Natural Heritage Program, Helena.
- Case, J.C., T. V. Edgar, and R. H. DeBruin**
2000. "Subsidence potential related to water withdrawal in the Powder River Basin," Wyoming State Geological Survey, Wyoming Geonotes (Number 68, December).
- CBMC Coalition**
2001. Burger Draw Study - Wyoming. June 6, 2001.
- Center for Climate Strategies (CCS),**
2007. Montana Greenhouse Gas Inventory and Reference Case Projections 1990-2020; Prepared for the Montana Department of Environmental Quality. <http://www.deq.mt.gov/ClimateChange/Data/GreenhouseGasInventory.pdf>
- CDM, Inc.**
2004. Technical Review and Analysis of Kuipers' NPRC Documents Related to the Management of CBNG Produced Water in the Powder River Basin. Prepared for the Petroleum Association of Wyoming.
- Chamberlin, T.W., R.D. Harr, and F.H. Everest**
1991. "Timber harvesting, silviculture, and watershed processes." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.

- Chappell, K.**
2001. Personal communication between K. Chappell/Agriculture and Grazing Bureau Chief, Department of Natural Resources and Conservation, Helena, MT with David Epperly/ALL Consulting. April 23, 2001.
- Choate, Raoul, C.A. Johnson, and J.P. McCord**
1984. Geologic overview, coal deposits, and potential for methane recovery from coalbeds—Powder River Basin. Rightmire, C.T., Eddy, G.E., and Kirr, J.N., eds., *Coalbed methane resources of the United States: AAPG Studies in Geology*. Ser. 17. Pp. 335-351.
- Clark, T. W., T. M. Campbell III, D. G. Socha, and D. E. Casey**
1982. "Prairie dog colony attributes and associated species." *Great Basin Nat.* 42:572-582.
- Clark, T. W., A. H. Harvey, R. D. Dorn, D. L. Genter, and C. Groves, eds.**
1989. Rare, sensitive, and threatened species of the Greater Yellowstone Ecosystem. Northern Rockies Conservation Cooperative, Montana Natural Heritage Program, The Nature Conservancy, and Mountain West Environmental Services.
- Clark, W.F., Hemler, T.**
1992. Completing, equipping, and operating Fruitland Formation coal-bed methane wells in the San Juan Basin, New Mexico and Colorado. In Society of Petroleum Engineers. Coalbed methane. Soc. Petro. Eng., Richardson, TX. SPE Reprint Ser. No. 35. pp. 112-119.
- CMS**
2000. Presentation to the Coal Bed Methane Coordination Group on October 18, 2000.
- Coal Bed Methane Coordination Group**
2000. CMS Energy Presentation, Coal Bed Methane Coordination Group, October 18, 2000.
- Coefield, J.**
2005. Personal communication between John Coefield/MDEQ and Jon Seekins/ALL Consulting. November 18, 2005.
- Cole, E.K., M.D. Pope, and R.G. Anthony**
1997. "Effects of road management on movement and survival of Roosevelt elk." *Journal of Wildlife Management*. 61:1115-1126.
- Colorado Oil and Gas Conservation Commission**
2000. Summary Report of Bradenhead Testing, Gas Well Remediation, and Ground water Investigation, San Juan Basin, La Plata County, Colorado. COGCC unpublished report, May 26, 2000.
- Confluence Consulting**
2003. Biological, physical, and chemical integrity of selected streams in the Tongue River basin. Report prepared for the U.S. Department of the Interior, Bureau of Land Management, Miles City, MT.
- Confluence Consulting**
2004. Powder River Biological Survey and Implications for Coalbed Methane Development. Report prepared for the Powder River Basin Resource Council, Sheridan, WY.
- Confluence Consulting**
2005. Biological integrity of streams in the Tongue River basin and Rosebud Creek and implications for coalbed natural gas development. Report prepared for the U.S. Department of the Interior, Bureau of Land Management, Miles City, MT.
- Connelly, J. W., and C. E. Braun**
1997. Long-term changes in sage grouse *Centrocercus urophasianus* populations in western North America. *Wildlife Biology*. 3/4:123-128.
- Connelly, J. W., H. W. Browsers, and R. J. Gates**
1988. Seasonal movements of sage grouse in southeastern Idaho. *Journal of Wildlife Management*. 52:116-122.
- Connelly, J. W., and O.D. Markham**
1983. Movements and radionuclide concentrations of sage grouse in southeastern Idaho. *Journal of Wildlife Management*. 47:169-177.
- Connelly, J.W., Reese, K.P., Garton, E.O., & Commons-Kemmer, M.L.**
2003. Response of greater sage-grouse *Centrocercus urophasianus* populations

BIBLIOGRAPHY

- to different levels of exploitation in Idaho, USA. *Wildl. Biol.* 9:255-260.
- Connelly, J. W., M. A. Schroeder, A. R. Sands, and C. E. Braun**
2000. Guidelines to manage sage grouse populations and their habitats. *Wildlife Society Bulletin*. 28(4):967-985.
- Connelly, J. W., K.P. Reese, and M.A. Schroeder**
2003. Monitoring of Greater Sage-grouse Habitats and Populations. Contribution No. 979 of the College of Natural Resources Experiment Station, College of Natural Resources, University of Idaho, Moscow.
- Coplen, T. B.**
1994. "Reporting of stable hydrogen, carbon, and oxygen isotopic abundances." *Pure Appl. Chem.* 66, 273-276.
- Council on Environmental Quality (CEQ)**
1997. Draft Guidance Regarding Consideration of Global Climate Change in Environmental Documents Prepared Pursuant to the National Environmental Policy Act.
- Council on Environmental Quality (CEQ)**
2002. CEQ NEPA net: Guidance for preparing documents under the National Environmental Policy Act. <http://ceq.eh.doe.gov/nepa/nepanet.htm>. Executive Office of the President, Washington, D.C. September 10, 2002.
- Coyner, J.**
1989. Status check on reported historic populations of *Spiranthes diluvialis*. Memorandum, U.S. Fish and Wildlife Service, Salt Lake City, UT.
- Coyner, J.**
1990. Report for population study *Spiranthes diluvialis*. Unpublished report. Bureau of Land Management and Red Butte Gardens, University of Utah, Salt Lake City, UT.
- Crockett, F.**
2001. DOI, BLM, RMG Casper, WY, personal communication between Fred Crockett, Casper BLM, and Charles Laakso, MCFD, February 2001.
- Crockett, F. and J. Meyer**
2001. Update and revision of interim drainage report on coalbed methane development and drainage of federal land in the South Gillette area, Campbell and Converse counties, Wyoming. T. 40-50 N., R 70-75 W. BLM Wyoming State Office-Reservoir Management Group. Casper Field Office. Casper, WY.
- Crow Tribe of Indians, Crow Conservation District, Big Horn Conservation District, and USDA Natural Resources Conservation Service**
1997. Crow Tribe and Big Horn County Resource Assessment.
- Crow Tribe of Indians**
1999. Constitution and Bylaws of the Crow Tribe of Indians, Crow Indian Reservation, Crow Agency, Montana.
- Crow Tribe of Indians**
2001. Application to EPA for Water Quality Standards Program, Draft, Crow Indian Reservation, Crow Agency, Montana. July 15, 2001.
- Crow Tribe of Indians**
2002. Crow Indian Reservation: Natural, Socio-Economic, and Cultural Resources Assessment and Conditions Report. April 2002. Crow Agency, MT.
- Dalke, P. D., D. B. Pyrah, D. C. Stanton, J. E. Crawford, and E. F. Schlatterer.**
1963. Ecology, productivity, and management of sage grouse in Idaho. *Journal of Wildlife Management*. 27:810-841.
- Darrow, G.**
1954. The Bearcreek coal field. Richards, P.W., ed., *Pryor Mountains-Northern Bighorn Basin, Montana Fifth Annual Field Conference: Billings Geological Society Guidebook, September 9-11, 1954*. Pp. 130-132.
- Davis, L.**
1995. A handbook of constructed : a guide to creating wetlands for: agricultural waste, wastewater, domestic wastewater, coal mine drainage, stormwater in the Mid-Atlantic Region. Vol. 1. General considerations. U.S. Environmental Protection Agency, Wash., D.C. 46 p.

Deaver, S., and B. Tallbull

1991. Potential Cultural Effects to the Northern Cheyenne from the Proposed Tongue River Railroad Extension. Ethnoscience for Interstate Commerce Commission, Billings, MT.

Dechant, J. A., M. L. Sondreal, D. H. Johnson, L. K. Igl, C. M. Goldade, M. P. Nenneman, and B. R. Euliss

1998. Effects of management practices on grassland birds: Grasshopper Sparrow. Northern Prairie Wildlife Research Center, Jamestown, ND. (<http://www.npwrc.usgs.gov/>)

Department of Energy (DOE)

2008. FY 2009 Congressional Budget, Biological and Environmental Research; Funding Profile by Subprogram (http://www.science.doe.gov/obp/FY_09_Budget/BER.pdf)

Department of the Interior (DOI),

2007. Letter to the Comptroller General, US Government Accountability Office in regards to GAO Report "Climate Change: Agencies Should Develop Guidance for Addressing the Effects on Federal Land and Water Resources", GAO-07-863 Climate Change, pgs 174-178.

DeWalle, D.R.; Galeone, D.G.

1990. One-time dormant season application of gas well brine on forest land. J. Environ. Qual. 19:288-295.

DeLapp, W.

2006. Personal communication between William DeLapp/J. M. Huber Corp. and Bruce Langhus/ALL Consulting. May, 2006.

Doherty, K. E., D. E. Naugle, B. L. Walker and J. M. Graham.

2007. Greater sage-grouse winter habitat selection and energy development. Pre-print In-press copy. Journal of Wildlife Management 00(0):000-000 20XX.

Dwight's Well Data

2001. Petroleum Information/Dwights LLC, www.pidwights.com. The site may contain the copyrighted property of HIS Energy Group, © 2001, HIS Energy Group, All Rights Reserved.

Egoscur, H.J.

1979. Vulpes velox. Mammalian Species 122:1-5.

Ellis, M.S., G.D. Stricker, R.M. Flores, and L.R. Bader.

1998. Sulfur and ash in Paleocene Wyodak-Anderson coal in the Powder River Basin, Wyoming and Montana, Proc. 23rd Internl. Tech. Conf. on Coal Utilization, March 1998.

Ellis, M.S., G.L. Gunther, A.M. Ochs, S.B. Roberts, E.M. Wilde, J.H. Schuenemeyer, H.C. Power, G.D. Stricker, and D. Blake

- 1999a. Coal resources, Powder River Basin. In: U.S. Geological Survey Professional Paper 1625-A.

Ellis, M.S., G.L. Gunther, R.M. Flores, A.M. Ochs, G.D. Stricker, S.B. Roberts, T.T. Taber, L.R. Bader, and J.H. Schuenemeyer.

- 1999b. Preliminary report on coal resources of the Wyodak-Anderson coal zone, Powder River Basin, Wyoming and Montana, U.S. Geological Survey Open-File Report 98-789A.

Elser, A. A., Mark W. Gorges, and Lani M. Morris

1980. Distribution of fishes in southeastern Montana. Cooperatively compiled by Montana Department of Fish, Wildlife and Parks and the U.S. Department of the Interior, Bureau of Land Management. Revised edition, October 1980.

Energy Information Administration (EIA),

2007. Emissions of Greenhouse Gases Report (<http://www.eia.doe.gov/oiaf/1605/ggrpt/index.html>)

Energy Information Administration (EIA),

2008. U.S. Natural Gas Gross Withdrawals (MMcf) (<http://tonto.eia.doe.gov/dnav/ng/hist/n9010us2A.htm>)

Energy Laboratories, Inc.

2001. Whole Effluent Toxicity Testing Results of Tongue River Produced Water. Billings, Montana. March 2001.

Energy Policy and Conservation Act (EPCA),

2003. EPCA Phase I Inventory, Scientific Inventory of Onshore Federal Lands' Oil and Gas Resources and Reserves and the Extent and Nature of Restrictions or Impediments to their Development,

BIBLIOGRAPHY

- Prepared by the U.S. Departments of the Interior, Agriculture, and Energy, January 2003
- Eng, R. L. and P. Schladweiler**
1972. "Sage grouse winter movements and habitat use in Central Montana." *Journal of Wildlife Management*. 36(1):141-146.
- ENSR**
2005a. Task 1A Report for the Powder River Basin Coal Review Current Air Quality Conditions. Prepared for the BLM Casper Field Office and Wyoming State Office. July 2005.
- ENSR**
2005b. Task 3A Report for the Powder River Basin Coal Review Cumulative Air Quality Effects Prepared for the BLM Casper Field Office and Wyoming State Office.
- Environmental News Network.**
2001. Coalbed methane boom in Wyoming's Powder River Basin. ENN, Thursday, Oct. 18, 2001.
- Environmental Protection Agency (EPA),**
2006. Global Anthropogenic Non-CO2 Greenhouse Gas Emissions: 1990-2020 (www.epa.gov/climatechange/science/sta-teofknowlage.html).
- Environmental Protection Agency (EPA),**
2007a. Climate Change – Science (www.epa.gov/climatechange/science/sta-teofknowlage.html)
- Environmental Protection Agency (EPA),**
2007b. Natural Gas STAR Program - Basic Information, (<http://www.epa.gov/gasstar/overview.htm>).
- Environmental Protection Agency (EPA),**
2008a. Knowledge Building Series Climate Change 101 (USEPA: 908-F-08-003) (www.epa.gov/region8/climatechange/ClimateChange101FINAL.pdf)
- Environmental Protection Agency (EPA),**
2008b. U.S. Greenhouse Gas Inventory Reports; Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2006 (<http://www.epa.gov/climatechange/emissions/usinventoryreport.html>)
- Environmental Protection Agency (EPA),**
2008c. Greenhouse Gas Equivalencies Calculator (<http://www.epa.gov/cleanenergy/energy-resources/c/ca;calculator.html>)
- Estes, J. R., R. J. Tyrl, and J. N. Brunken, eds.**
1982. Grasses and grasslands: systematics and ecology. University of Oklahoma Press, Norman, OK. 312 pp.
- Eustace, C.**
2001. Montana Fish, Wildlife, and Parks, personal communication with Chuck Blair, September 2001.
- Evans, D. L.**
1982. Status reports on twelve raptors. U.S. Department of the Interior, Fish and Wildlife Service, Special Scientific Report No. 238.
- Federal Register**
1983. Volume 48, Number 41, Department of Interior Part III. National Registry of Natural Landmarks, National Park Service, Public Notice. pp-8682-8704. March 1, 1983.
- Federal Register**
2001. Volume 66, Number 2, Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards. January 3, 2001.
- Federal Register.**
2001a. Volume 66, Number 172, Notice of EPA Region 8, "Best Professional Judgment" (BPJ) Determination of Effluent Limitations that Represent Best Available Technology Economically Achievable (BAT) for Coalbed Methane (CBM) Activities; Announcement of a Meeting. September 5, 2001.
- Fernandez, C.**
2001. "The choice of nesting cliffs by golden eagles *Aquila chrysaetos*: the influence of accessibility and disturbance by humans." *Alauda*. 61:105-110.
- Fetter, C.W.**
1994. Applied Hydrogeology, Third Edition. University of Wisconsin. Macmillan College Publishing Company.

Fidelity

2001. Personal Communication with Mr. Bruce Williams of Fidelity Exploration and Production Company, Regarding coal dust suppression and the use of CBM produced water, August 2001.

Fidelity

2002. WYPDES Permit No. WY0046841, Youngs Creek Drainage. June, 2002.

Fidelity

2003. CX Field – 2002 Annual Groundwater Monitoring Report, Fidelity Exploration & Production Company. March 2003.

Fidelity

2004. CX Field – 2003 Annual Groundwater Monitoring Report, Fidelity Exploration & Production Company. March 2004.

Fidelity

- 2005a. CX Field – 2004 Annual Groundwater Monitoring Report, Fidelity Exploration & Production Company. March 2005.

Fidelity

- 2005b. Tongue River – Coal Creek Plan of Development Environmental Assessment, Fidelity Exploration & Production Company for the BLM Miles City Office. January 2005.

Fidelity

2006. CX Field – 2005 Annual Groundwater Monitoring Report, Fidelity Exploration & Production Company. March 2006.

Fischer, R. A., A. D. Apa, W. L. Wakkinen, K. P. Reese, and J. W. Connelly

1993. Nesting-area fidelity of sage grouse in southeastern Idaho. Condor 95:1038-1041.

Fischer, R. A.

1994. The effects of prescribed fire on the ecology of migratory sage grouse in southeastern Idaho.

Fisher, F. B., J. C. Winne, M. M. Thornton, T. P. Tady, Z. Ma, M. M. Hart, and R. L. Redmond

1998. Montana land cover atlas. Unpublished report. Montana Cooperative Wildlife Research Unit, The University of Montana, Missoula, MT.

Fix, Mark, Art Hayes, Jr., Roger Muggli and Dave Schwartz.

- 2002a. Letter to Board of Environmental Review regarding Northern Plains Resource Council, Tongue River Water Users' Association, Tongue and Yellowstone Irrigation and Buffalo Rapids Irrigation Project interest in establishing numeric water quality standards for electric conductivity and sodium adsorption ratio. November 29, 2002.

Fix, Mark, Art Hayes, Jr., Roger Muggli and Dave Schwartz.

- 2002b. Letter to Board of Environmental Review regarding Northern Plains Resource Council, Tongue River Water Users' Association, Tongue and Yellowstone Irrigation and Buffalo Rapids Irrigation Project disappointment in decision regarding water quality standards. December 19, 2002.

Flath, D. L.

1991. Species of special interest or concern (draft report). Montana Department of Fish, Wildlife and Parks.

Flores, R.M. and L.R. Bader.

1999. Fort Union coal in the Powder River Basin, Wyoming and Montana: a Synthesis, in USGS Prof. Paper 1625-A.

Flores, R., G. Stricker, J. Meyer, T. Doll, P.**Norton, R. Livingston, and M. Jennings**

2001. A Field Conference on Impacts of Coal Bed Methane Development in the Powder River Basin, Wyoming, USGS Open-File Report 01-126.

Fort Belknap Indian Community

2001. Fort Belknap Indian Community Web Page. <http://www.mnisose.org/profiles/ftbelnp.htm>. <April 25, 2001>.

Fox, Douglas G.; Bartuska, Ann M.; Byrne, James G; and others

1989. A screening procedure to evaluate air pollution effects on Class I wilderness areas/ Gen. Tech. Rep. RM-168. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO.

Free Indian News Web page

2001. <http://www.freeindiannews.com/page1085.html>, Crow Tribal Information.

BIBLIOGRAPHY

- Furniss, M.J., T.D. Roelofs, and C.S. Yee**
1991. "Road construction and maintenance." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.
- FWS**
See USDI, Fish and Wildlife Service.
- Fyfe, R.W. and R.R. Olendorff**
1976. Minimizing the dangers of nesting studies to raptors and other sensitive species. Canadian Wildlife Service, Information Canada. Catalogue No. CW69-1/23. Ottawa.
- Fuhlendorf, S.D., A.J.W. Woodward, D.M. Leslie, Jr., and J.S. Shackford**
2002. Multi-Scale Effects of Habitat Loss and Fragmentation on Lesser Prairie-Chicken Populations of the US Southern Great Plains. *Landscape Ecology*. 17:617-628.
- Gates, R.J.**
1983. Sage grouse, lagomorph and pronghorn use of a sagebrush-grassland burn site of the Idaho National Engineering Laboratory. M.S. Thesis, Montana State Univ., Bozeman, MT.
- Gelbard, J.L. and J. Belnap**
2003. Roads as Conduits for Exotic Plant Invasions in a Semiarid Landscape. *Conservation Biology*. 17:420-432.
- Gibbs, J.P.**
1998. "Amphibian movements in response to forest edges, roads, and streambeds in southern New England." *Journal of Wildlife Management*. 62(2):1998.
- Gill, R.B.**
1965. Distribution and abundance of a population of sage grouse in North Park, Colorado. M.S. Thesis, Colorado State Univ. Fort Collins, CO.
- Glass, G. B., R. W. Jones, and R. H. De Bruin**
1987. Investigation of the Potential for Near-Surface Explosive Concentrations of Methane to Occur in the Rawhide Village Subdivision, Campbell County, Wyoming. Unpublished report. Wyoming State Geological Survey
- Report for the Wyoming Department of Environmental Quality.
- Goddard Institute for Space Studies**
2008. Temperature Change for Three Latitude Bands; <http://data.giss.nasa.gov/gistemp/graphs/fig.B.lrg.gif>
- Gooding, Emily K.**
2002. Evaluating the Potential Effect of Proposed Coalbed Methane Wastewater Standards on Riparian Vegetation in the Powder River and Tongue River Basins, Southeastern Montana. University of Montana, Department of Environmental Studies. December 3, 2002.
- Gray, I.**
1987. Reservoir Engineering in Coal Seams: Part 1 – The Physical Process of Gas Storage and Movement in Coal Seams, SPERE, pp. 28-34, February, 1987.
- Greystone Environmental Consultants, Inc.**
2004a. Raptor survey and inventory for Big Horn County, Montana. Prepared for the U.S.D.I. Bureau of Land Management, Miles City Field Office. September 2004.
- Greystone Environmental Consultants, Inc.**
2004b. Mountain plover habitat evaluation and survey; black-tailed prairie dog survey - Big Horn, Powder River, and Rosebud Counties, Montana. November 2004.
- GRI (Gas Research Institute)**
2000. Coalbed Methane Potential of the U.S. Rocky Mountain Region, 3 pp. <http://www.gri.org/pub/content/nov/2000/1109/144821/gtfall2000-art01.htm>.
- Groot Bruinderink, G.W.T.A. and E. Hazebroek**
1996. "Ungulate traffic collisions in Europe." *Conservation Biology*. 10:1059-1067.
- Grover, K.E. and M.J. Thompson**
1986. "Factors influencing spring feeding site selection by elk in the Elkhorn Mountains, Montana." *Journal of Wildlife Management*. 50:466-470.
- Gutzwiller, K.J.**
1991. Assessing recreational impacts on wildlife: The value and design of experiments. Transactions of the 56th North American Wildlife and Natural Resources Conference. 248-255.

Haas, L.

2001. Personal communication between Laurie Haas, Resources Assistant/BLM Butte Field Office, and Dr. David Epperly/ALL Consulting, June 22, 2001.

Hagen, C.A.

2003. A demographic analysis of lesser prairie-chicken in southwestern Kansas: survival, population viability, and habitat use. Ph.D. Dissertation, Kansas State University, Manhattan, KS.

Hamlin, K. L.

1978. Population ecology and habitat relationships of mule deer and white-tailed deer in the prairie agricultural habitats of eastern Montana, Montana Deer Studies. Montana Department of Fish, Wildlife and Parks. Project W-120-R-10, Job Progress Report.

Hanebury, Lou

2008. USFWS Wildlife Biologist, Personal Communication with Kent Undlin BLM MCFO, Wildlife Biologist regarding Black-footer ferret release on Northern Cheyenne Reservation.

Hanf, J. M., P. A. Schmidt, and E. B. Groshens.

1994. Sage grouse in the high desert of central Oregon: results of a study, 1988-1993. U.S. Department of Interior, Bureau of Land Management Series P-SG-01, Prineville, Oregon. 56 p.

Hansen, J.

2001. Personal communication via email between J. Hansen/Montana Department of Fish, Wildlife and Parks (MFWP) and J. Ferguson/CH2M HILL. April 4, 2001.

Hayden-Wing Associates

2002. Fidelity Exploration & Production Company, Montana 2002 and 2003 Drilling Area, Baseline Wildlife Inventory.

Hayden-Wing Associates

2003. Black-footed ferret survey results. Prepared for Fidelity Exploration & Production Company.

Hayden-Wing Associates

- 2004a. Fidelity Exploration & Production Company, Proposed Coal Creek POD, Big Horn County, Baseline Wildlife Inventory.

Hayden-Wing Associates

- 2004b. Black-footed ferret survey results for Fidelity Exploration & Production Company, Pond Creek POD and Dry Creek POD.

Hayden-Wing Associates

2005. Fidelity Exploration & Production Company, Coalbed Natural Gas Development Areas in Bighorn County, Montana, Wildlife Surveys – 2004.

Hayden-Wing Associates

2006. Fidelity Exploration & Production Company, Coalbed Natural Gas Development Areas in Bighorn County, Montana, Wildlife Surveys – 2005

Heffern, E. L.

1999. Methane Seepage and Coal Fires. Unpublished Report for Wyodak CBM Project EIS. Prepared for BLM Buffalo Field Office, Buffalo, WY.

Heffern, E. L., D. A. Coates, and C. W. Naeser

1983. Distribution and age of clinker in the northern Powder River Basin, Montana. American Association of Petroleum Geologist Bulletin. V. 67. no. 8.

Heidel B., C. Jean, and S. Crispin

2002. Plant Species of Concern and Plant Associations of Powder River County, Montana. Report to the Bureau of Land Management. Montana Natural Heritage Program, Helena, Montana.

Hendricks, P., and J. D. Reichel

1996. Preliminary amphibian and reptile survey of the Ashland District, Custer National Forest: 1995. Montana Natural Heritage Program. Helena, MT.

Herco-Hampton

1989. Northern Cheyenne Coalbed Methane Project. Billings, MT.

Hill, D. G., et al.

2000. "Coalbed methane in the Rocky Mountain region: the old, the new, and the future." In: *Proceedings of the RMAG Conference on Coalbed Methane in the Rocky Mountains*. June 20-21, 2000. Denver, CO.

HKM Associates

1972. Inventory of Water Resources, Northern Cheyenne Indian Reservation, Phase I – Water Resource Base: Billings, Montana.

BIBLIOGRAPHY

HKM Associates.

1973. Report on Inventory of Water Resources, Northern Cheyenne Indian Reservation, Montana, Off-Stream Storage Supplement to Phase I—Water Resource Base: Billings, Montana. May 1973.

HKM Associates

1982. Shallow Ground Water Study, Northern Cheyenne Indian Reservation, Montana, Part I—Ground Water Basic Data, Northern Cheyenne Indian Reservation: Billings, Montana.

Hodson, W.G., R.H. Pearl, S.A. Druse.

1973. Water resources of the Powder River Basin and adjacent areas, Northeastern Wyoming. USGS Hydrologic Invest. Atlas HA-A65.

Hoffmann, R. S., and D. L. Pattie

1968. A guide to Montana mammals: identification, habitat, distribution, and abundance. University of Montana, Missoula, MT.

Holloran, M.J. and S.H. Anderson.

2004. Greater Sage-grouse population response to natural gas development in western Wyoming: Are regional populations affected by relatively localized disturbances? Transactions from the 70th N. Am. Wildl. and Nat. Res. Conf.

Holloran, M.J.

2005. Greater Sage-Grouse (*Centrocercus urophasianus*) Population Response to Natural Gas Development in Western Wyoming. University of Wyoming. December 2005.

Holloran, M.J., R.C. Kaiser, and W. A. Hubert

2007. Population Response of Yearling Greater Sage-grouse to the Infrastructure of Natural Gas Fields in Southwestern Wyoming. Completion Report, U.S. Geological Survey, Laramie, WY..

Hopkins, R. B.

1984. "Avian species associated with prairie woodland types." *In*: Wooded draws: characteristics and values for the northern Great Plains. Daniel L. Noble and Robert R. Winokur, eds. Symposium proceedings, June 12 and 13, 1984. Great Plains Council Publication 111. South Dakota School of Mines and Technology, Rapid City, SD.

Horpestad, A., D. Skaar, and H. Dawson

2001. Water Quality Technical Report: Water Quality Impacts from Coal Bed Methane Development in the Powder River Basin, Wyoming and Montana, Montana DEQ, Montana Fish Wildlife and Parks, and EPA Region 8.

Horpestad, A., D. Skaar, and H. Dawson

- 2001a. Bicarbonate Toxicity to Aquatic Life. Montana DEQ, Montana Fish Wildlife and Parks, and EPA Region 8. December 18, 2001.

Houtcooper, W. C., D. J. Ode, J. A. Pearson, and G. M. Vandell III

1985. "Rare animals and plants of South Dakota." *Prairie Naturalist*. 17(3):143-165.

Hupp, J.W., and C.E. Braun

1989. Topographic distribution of sage grouse foraging in winter. *Journal of Wildlife Management* 53: 823-829.

Hydrometrics, Incorporated

An Economical Process to Treat Produced Water from Coal Bed Methane Deposits in the Powder River Basin.

Ingelfinger, F.M.

2001. The Effects of Natural Gas Development on Sagebrush Steppe Passerines in Sublette County, Wyoming. M.S. Thesis, Department of Zoology and Physiology, University of Wyoming, Laramie, WY.

Ingles, L.G.

1965. Mammals of the Pacific States. Stanford, CA. Stanford University Press.

Interstate Commerce Commission (ICC)

1992. Draft Environmental Impact Statement [Finance Docket No. 30186 (Sub-No. 2)]. Tongue River Railroad Company – Construction and Operation of an Additional Rail Line From Ashland to Decker, MT. Washington, D.C.: Interstate Commerce Commission, Office of Economics, Section of Energy & Environment, July 17, 1992.

Intergovernmental Panel on Climate Change,

2007. Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (Solomon, S., Qin, D.,

- Manning, M., Chen, Z., Marquis, M., Averyt, K.B., Tignor, M. and Miller, H.L. (eds.). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, 996 pp. (<http://www.ipcc.ch/ipccreports/ar4-wg1.htm>)
- Jaeger, M.**
2004. Montana species of concern, sauger. Montana Cooperative Fisheries Research Unit. <http://www.fisheries.org/AFSMontana/SCpages/>.
- Jarrett, A. R.**
1995. Water management. Kendall, Iowa. Hunt Publishing Company.
- Jennings, W. F.**
1989. Final report. Species studied: *Eustoma grandiflorum*, *Spiranthes diluvialis*, *Malaxis brachypoda*, *Hypoxis hirsuta*, *Physaria bellii*, *Aletes humilis*. Unpublished report prepared for the Nature Conservancy under the Colorado Natural History Small Grants Program. The Nature Conservancy, Boulder, CO.
- Jennings, W. F.**
1990. Final report. Species studied: *Spiranthes diluvialis*, *Sisyrinchium pallidum*. Unpublished report prepared for The Nature Conservancy under the Colorado Natural History Small Grants Program. The Nature Conservancy, Boulder, Colorado. 29 pp.
- Johnson, K., T.B. Neville, and P. Neville..**
2006. GIS Habitat Analysis for Lesser Prairie-chickens in Southeastern New Mexico. *BMC Ecology* 6:18.
- Jones, A.H., G.B. Bell, and R.A. Schraufnagel**
1992. "A review of the physical and mechanical properties of coal with implications for coalbed methane well completion and production." In: Coal Bed Methane. S.A. Holditch et al., eds. Soc. of Petrol Eng. Reprint Series No. 35.
- Jones, R.W., R.H. De Bruin, and G.B. Glass**
1987. Investigations of Venting Methane and Hydrogen Sulfide Gas at Rawhide Village, Campbell County, Wyoming. In: Wyoming Department of Environmental Quality. Rawhide II Project Report, Appendix I, Geology. Unpublished report. Wyoming Department of Environmental Quality, Cheyenne, Wyoming.
- Kaiser, R.C.**
2006. Recruitment by greater sage-grouse in association with natural gas development in Western Wyoming. M.S. Thesis, University of Wyoming, Laramie, WY.
- Keeling, C.D. and T.P. Whorf.**
2006. Atmospheric CO₂ records from sites in the SIO air sampling network. In *Trends: A Compendium of Data on Global Change*. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A.
- Keister, G. P., and M. J. Willis.**
1986. Habitat selection and success of sage grouse hens while nesting and brooding. Oregon Department of Fish and Wildlife, Progress Report W-87-R-2, Subproject 285, Portland, OR.
- Kemner, M. C. and B. Lowe**
2002. Sage grouse winter habitat—why we need multiple years of data collection. Presented at the annual meeting of the Idaho Chapter of The Wildlife Society. March 18–19, 2002. Idaho Falls, ID.
- Knick, S.T., D.S. Dobkin, J.T. Rotenberry, M.A. Schroeder, W. M. Vander Haegen, and C. Van Riper III.**
2003. Issues in Conservation: Teetering on the Edge or Too Late? Conservation and Research Issues for Avifauna of Sagebrush Habitats. *The Condor* 105:611-634. The Cooper Ornithological Society.
- Knight, R.L. and D.N. Cole**
1991. Effects of recreational activity on wildlife in wildlands. Transactions of the North American Wildlife and Natural Resources Conference.
- Koford, C. B.**
1958. "Prairie dogs, whitefaces, and blue grama." *Wild. Monogr.* 3:1-78.
- Kohn, S. C.**
1976. Sharp-tailed grouse nesting and brooding habitat in southwest North Dakota. M.S. Thesis, South Dakota State University, Brookings, SD.

BIBLIOGRAPHY

Kuipers, J.R., K. MacHardy, W. Mersch, and T. Meyers.

2004. Coal Bed Methane-Produced Water: Management Options for Sustainable Development – DRAFT. Report prepared for Northern Plains Resource Council. Billings, MT. August 2004.

Lahti, T.

2001. Personal communication between T. Lahti/BLM, Cheyenne, WY, and C. Blair/CH2M HILL, Boise, ID. July 23, 2001.

Langhus, B.

2001. Personal communication between Dr. B.G. Langhus/ALL Consulting with Tim Burkhardt/CH2M HILL. May, 2001.

Langhus, B.

2006. Summary of personal communications with CBNG Operators in the planning area by Bruce Langhus, PhD. March 9, 2006.

Leeman, D., M. McKinley, and E. Heffern

2005. Personal communication between Dan Leeman, Mike McKinley, Ed Heffern/BLM, and Dr. Bruce Langhus/ALL Consulting. November 11, 2005.

Leythenhaeuser, D., and Welte, D

1969. Relation between distribution of heavy *n*-paraffins and coalification in carboniferous coals of the SAAR district, Germany. In P. Schrenk and I. Havenaar (eds.), *Advances in Organic Geochemistry*, 1968. NYC, Pergamon Press, pp. 429-442.

Likwartz, D.

2005. Personal communication between Don Likwartz/WOGCC and Bruce Langhus/ALL Consulting. November, 2005.

Little Coyote, J.

2001. Comprehensive Economic Development Strategy. CEDS document. Prepared by the Economic Development Administration for the Northern Cheyenne Tribe, Lame Deer, MT.

Luckenbach, R.A.

1975. What the ORVs are doing to the desert. *Fremontia* s(4):3-11.

Luckenbach, R.A.

1978. An analysis of off-road vehicle use on desert avifaunas. Transactions of the North American Wildlife and Natural Resources Conference. Wildlife Management Institute, Washington, DC, 43:157-162.

Lyman, R. M. and Volkmer, John E.

2001. Pyrophoricity (spontaneous combustion) of Powder River Basin coals—considerations for coalbed methane development, Coal Report CR 01-1, Laramie, Wyoming, March 2001: Wyoming State Geological Survey.

Lyon, A. G., and S.H. Anderson

2003. Potential gas development impacts on sage-grouse nest initiation and movement. *Wildlife Society Bulletin* 31:486-491.

Lyon, A. G.

2000. The potential effects of natural gas development on sage grouse (*Centrocercus urophasianus*) near Pinedale, Wyoming. Thesis, University of Wyoming, Laramie.

Lyon, L.J.

1979. "Habitat effectiveness for elk as influenced by roads and cover." *Journal of Forestry*. 77:658-60.

Lyon, L.J.

1983. "Road density models describing habitat effectiveness for elk." *Journal of Forestry*. 81:592-595, 613.

Mackie, R.J.

2004. Survey of Mule Deer on the Southern Portion of the Northern Cheyenne Reservation and Adjacent Public and Private Lands, April 27-29, 2004

Mader, H.J.

1984. "Animal habitat isolation by roads and agricultural fields." *Biological Conservation*. 29:81-96.

Madison, C.

2001. Personal Communication between ALL Consulting and Clark Madison/BIA Realty Office, Billings, MT. April 25, 2001.

- Madsen, J.**
1985. "Impact of disturbance on field utilization of pink-footed geese in West Jutland, Denmark." *Biological Conservation*. 33:53-64.
- Martin, N. S.**
1970. "Sagebrush control related to habitat and sage grouse occurrence." *Journal of Wildlife Management*. 34(2):313-320.
- Mattson, D. J., and D. G. Despain**
1985. Grizzly bear habitat component mapping handbook for the Yellowstone ecosystem. Interagency Grizzly Bear Study Team: National Park Service and U.S. Forest Service, May 1985.
- MBMG**
See Montana Bureau of Mines and Geology.
- MBOGC**
See Montana Board of Oil and Gas Conservation.
- McLellan, M.W., Biewick, L.R.H., Molnia, and Pierce, F.W.**
1990. Cross sections showing the reconstructed stratigraphic framework of Paleocene rocks and coalbeds in the northern and central Powder River Basin, Montana and Wyoming. USGS Misc. Invest., Map I-1959-A.
- McCracken, J. G. and Daniel W. Uresk**
1984. "Big game habitat use in southeastern Montana." *The Prairie Naturalist*. 16(3):135-139.
- MDEQ**
See Montana Department of Environmental Quality.
- MDNRC**
See Montana Department of Natural Resources and Conservation.
- Meehan, W.R., ed.**
1991. *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. American Fisheries Society Special Publication 19.
- Memphis State University**
1971. Effects of noise on wildlife and other animals. Washington D.C. U.S. Government Printing Office. NTID300.5.
- Merriam G., M. Kozakiewicz, E. Tsuchiya, and K. Hawley**
1989. "Barriers as boundaries for metapopulations and demes of *Peromyscus leucopus* in farm landscapes." *Landscape Ecology*. 2:227-236.
- Meyer, J.**
2000. Testimony before Wyoming Select Water Committee, Gillette, WY. November, 2000.
- MFWP**
See Montana Department of Fish, Wildlife and Parks
- Miller, M. et al.**
1977. Compilation of Hydrogeological data for Southeastern MT. MBMG Open File Report Hy77-1.
- Miller, W.R.**
1981. Water resources of the Southern Powder River area, Southeastern Montana, MBMG, Memoir 47.
- Milodrgovich, S.**
2001. Montana Power Company. Personal Communication with Larry Ran, BLM.
- Montana Board of Oil and Gas Conservation**
1989. *Oil and gas drilling and production in Montana: Final programmatic environmental impact statement*. Prepared for the Board of Oil and Gas Conservation. Pursuant to Senate Bill 184, with assistance from the Office of the Governor, the Department of Health and Environmental Sciences, the Department of Fish, Wildlife and Parks, the Department of State Lands, and the Department of Natural Resources and Conservation.
- Montana Board of Oil and Gas Conservation**
1999. Montana Board of Oil and Gas Annual Review, Oil and Gas Conservation Division, Department of Natural Resources and Conservation.
- Montana Board of Oil and Gas Conservation**
2000. *Activity review—annual review for the year 1999*, Montana Bureau of Oil and Gas Conservation.
- Montana Board of Oil and Gas Conservation**
2001a. Montana Bureau Of Oil and Gas Database, April 2001.

BIBLIOGRAPHY

Montana Board of Oil and Gas Conservation

- 2001b. CX Ranch second quarter production records, June 2001.

Montana Board of Oil and Gas Conservation.

2002. Montana Board of Oil and Gas Conservation database, June 2002.

Montana Board of Oil and Gas Conservation.

2003. Montana Board of Oil and Gas Conservation, Record of Decision, Statewide Coal Bed methane Exploration and Development, March 26, 2003.

Montana Board of Oil and Gas Conservation

2005. MBOGC online database. <http://bogc.dnrc.state.mt.us/OnlineData.htm>.

Montana Board of Oil and Gas Conservation

2006. MBOGC online database. <http://bogc.dnrc.state.mt.us/OnlineData.htm>.

Montana Board of Oil and Gas Conservation and USDI Bureau of Land Management

1987. Cooperative Agreement between U.S. Department of the Interior, Bureau of Land Management, Montana State Office, and the State of Montana, Board of Oil and Gas Conservation concerning Oil and Gas Well Spacing/Well Location Jurisdiction, November 19, 1987.

Montana Bureau of Mines & Geology

1982. Occurrence and characteristics of groundwater in Montana, 1982. Montana Bureau of Mines and Geology. 99(1).

Montana Bureau of Mines & Geology

2001. Montana Bureau of Mines and Geology, groundwater Information Center database, <http://mbmgwic.mtech.edu/> March.

Montana Bureau of Mines & Geology

2002. Potential Ground-water Drawdown and Recovery from Coalbed Methane Development in the Powder River Basin, Montana, Open File Report MBMG 485, John Wheaton & John Metesh.

Montana Bureau of Mines & Geology

2005. Draft Water Year 2005 Surface Water Report for the Tongue River.

Montana Department of Agriculture

2000. Montana agricultural statistics 2000; 1998-1999 county estimates. ISSN: 1095-7278, Volume XXXVII.

Montana Department of Commerce

2001. Montana Department of Commerce, Census and Economic Information Center. Projections by NPA Data Services, Inc. <http://ceic.commerce.state.mt.us>. <April 17, 2001>.

Montana Department of Commerce, Billings

2001. Personal communication between Glenda Craft/Montana Department of Commerce, Billings, and Tim Burkhardt/CH2M HILL. April 24, 2001.

Montana Department of Commerce, Billings

2006. Montana Department of Commerce, Census and Economic Information Center. Data for 2000 - 2006.

Montana Department of Environmental Quality

- 2001a. Nondegradation of water quality (rules), Administrative Rules of Montana 17.30.501-518.

Montana Department of Environmental Quality

- 2001b. State of Montana Air Quality Nonattainment Area Maps. http://www.deq.state.mt.us/ppa/rpp/air_nonattainment.asp.

Montana Department of Environmental Quality

- 2001c. Water Quality White Paper, Powder River Basin Water Quality Criteria, October, 2001.

Montana Department of Environmental Quality

2002. Air Quality Monitoring Data. http://www.deq.state.mt.us/ppa/mdm/air/nwrev/nw_intro.asp. <July 9, 2001>.

Montana Department of Environmental Quality

2003. Montana Air Monitoring Network Review 2003. July 2003 Montana DEQ. <http://www.deq.state.mt.us/AirMonitoring/networkRev/network2003.pdf>.

Montana Department of Environmental Quality

- 2003a. Roundup Power Project Final Environmental Impact Statement. January, 2003.

Montana Department of Environmental Quality

- 2003b. Record of Decision for Roundup Power Project. January 31, 2003.

Montana Department of Environmental Quality

2004. Final 2004 Montana Integrated 303 (d)/305(b) Report. Montana DEQ. <http://deq.mt.gov/wqinfo>.

Montana Department of Environmental Quality

2004. Water Quality Integrated Report for Montana, 2004 <http://nris.state.mt.us/wis/enviromet/2004Home.html>.

Montana Department of Fish, Wildlife and Parks

2004. Region 7 Sage Grouse Database. Microsoft Access database, R7SageGrouse2004.mdb.

Montana Department of Fish, Wildlife and Parks

2005. Black-tailed Prairie Dog – *Cynomys ludovicianus*. http://fwp.state.mt.us/fieldguide/detail_A/MAFB06010.aspx

Montana Department of Fish, Wildlife and Parks

- 2005a. Species ranking status code. <http://fwp.state.mt.us/fieldguide/statusCodes.aspx#msrc>.

Montana Department of Fish, Wildlife and Parks

- 2005b. Montana animal field guide. <http://fwp.state.mt.us/fieldguide>.

Montana Department of Fish, Wildlife and Parks

- 2005c. 2003-2005 Fish sampling and habitat collected on Rosebud, Youngs, Hanging Woman, Waddle, Pumpkin, Springs creeks and Little Powder, Powder and Tongue rivers.

Montana Department of Fish, Wildlife and Parks

- 2005d. Montana's Comprehensive Fish and Wildlife Conservation Strategy. <http://fwp.mt.gov/specieshabitate/strategy/fullplan.html>

Montana Department of Fish, Wildlife and Parks

2006. An evaluation of eastern Montana prairie streams located within coalbed methane development areas. Montana Fish, Wildlife and Parks, Region 7, Miles City, Montana.

Montana Department of Fish, Wildlife and Parks

2008. Montana Wolf Program Weekly Report, May 2008

Montana Department of Labor & Industry, Research & Analysis Bureau, Local Area Unemployment Statistics

- 2001a. Information for 1990 and 2000. <http://rad.dli.state.mt.us/employ/aa901f.htm>. <April 11, 2001>.

Montana Department of Labor and Industry

- 2001b. Email from Phil Brooks, Chief Economist, to Tim Burkhardt, CH2M HILL, September 20, 2001.

Montana Department of Natural Resources and Conservation, Minerals Management Bureau

2001. <http://www.dnrc.state.mt.us/trust/mmb.htm>. <April 25, 2001>.

Montana Department of Natural Resources and Conservation, Minerals Management Bureau

2005. Annual Report for Fiscal Year 2005.

Montana Department of Natural Resources and Conservation, Trust Land Management Division, Minerals Management.

2000. Montana Department of Natural Resources and Conservation. Trust Land Management Division, Minerals Management. www.dnrc.state.mt.us/trust/mmb.htm. <April 2001>

Montana Department of Revenue

2000. Biennial report of the Montana Department of Revenue, July 1, 1998 to June 30, 2000. Prepared by Tax Policy and Research. Helena, MT.

Montana Department of Revenue

2001. Guide to taxes administered by the Montana Department of Revenue. Compiled by Tax Policy and Research, Helena, MT.

Montana Department of Revenue

2004. Biennial Report of the Montana Department of Revenue, July 1, 2002 to June 30, 2004.

Montana Fisheries Information System (MFISH)

2005. <http://maps2.nris.state.mt.us/scripts/esrimap.dll?name=MFISH&Cmd=INST>.

Montana Gap Analysis Project

1998. The Montana gap analysis project final report. Wildlife Spatial Analysis Lab. Montana Cooperative Wildlife Research Unit at the University of Montana, Missoula, MT.

BIBLIOGRAPHY

The Montana NHP

2005. Montana Plant Field Guide.
http://nhp.nris.state.mt.us/plants/plant_title.html.

Montana Sage Grouse Work Group.

Draft Management Plan and Conservation Strategies for Sage Grouse in Montana.

Montana Sage Grouse Work Group

2005. Management Plan and Conservation Strategies for Sage Grouse in Montana – Final. Revised February 1, 2005.

Montana State Library Natural Resources Information System (NRIS)

2001. Guidebook to Montana's plant species of special concern. <http://orion2.nris.state.mt.us/mtnhnp/plants>. <April 9, 2001>.

Montana State Library Natural Resources Information System (NRIS)

2002. Montana Natural Resources Information System database.
<http://nris.state.mt.us/wis/mris1.html>.

Montana State Library Natural Resources Information System (NRIS)

2005. Montana Natural Resources Information System database.
<http://maps2.nris.state.mt.us/WIS/MFISH>.

Montana State Office Instruction Memorandum (MSO IM)

2000. See MSO IM No. 2000-053, June 1, 2000 for No Surface Occupancy Stipulations.

Montana State University News Service

2005. West Nile virus carriers flourish in coal bed methane ponds.
<http://www.montana.edu/cpa/news/newview.php?article=2990> <November 2, 2005>.

Montana Summit Steering Committee and Weed Management Task Force

2005. The Montana Weed Management Plan, draft.

Montana-Wyoming Tribal Council

2001. Montana-Wyoming Tribal Council Web Page. <http://www.tlc.wtp.net/Northern.htm>. <May 2001>.

Montgomery, S.L., D.E. Tabet, and C.E. Barker.

2001. Upper Cretaceous Ferron Sandstone: major coalbed methane play in central Utah. *A.A.P.G. Bull.* v. 85, pp. 199-219.

Mount, D.R., D.D. Gulley, J.R. Hockett, T.D. Garrison, and J. M. Evans

1997. "Statistical models to predict the toxicity of major ions to *Ceriodaphnia dubia*, *Daphnia magna* and *Pimephales promelas* (fathead minnows)." *Environmental Toxicology and Chemistry*. 16 (10): 2009-2019.

Moynahan, B.J., M.S. Lindberg, and J.W. Thomas

2006. Factors contributing to process variance in annual survival of female greater sage-grouse in Montana. *Ecol. Applic.* 16(4):1529-1538.

MT-GAP

See Montana Gap Analysis Project.

Munn, Larry

2001. Letter Regarding Concerns with Methane Discharges on Soils and Vegetation. August 8, 2001.

Murphy, M.L. and W.R. Meehan

1991. "Stream ecosystems." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.

National Academy of Sciences (NAS),

2008. Understanding and Responding to Climate Change; Highlights of National Academies Reports – 2008 Edition, National Academy Press, Washington, D.C., 28 pgs.
(http://dels.nas.edu/dels/rpt_briefs/climate_change_2008_final.pdf)

National Research Council (NRC),

2001. Climate Change Science: An Analysis of Some Key Questions, National Academy Press, Washington, D.C., 29 pgs.

National Assessment Synthesis Team (NAST),

2000. Climate Change Impacts on the United States: The Potential Consequences of Climate Variability and Change, US Global Change Research Program, Washington DC.

<http://www.usgcrp.gov/usgcrp/Library/nationalassessment/overview.htm>

Natural Resources Committee

North Dakota Fifty-eighth Legislative Assembly. Bill for an Act Relating to Temporary Exemption from the Gross Production Tax for Gas From Shallow Gas Wells and to Provide an Expiration Date. HB 1145.

Naugle, D.E., C.L. Aldridge, B.L. Walker, T.E. Cornish, B.J. Moynahan, M.J. Holloran, K. Brown, G.D. Johnson, E.T. Schmidtman, R.T. Mayer, C.Y. Kato, M.R. Matchett, T.J. Christiansen, W.E. Cook, T. Creekmore, R.D. Falise, E.T. Rinkes, and M.S. Boyce

2004. West Nile virus: pending crisis for greater sage-grouse. *Ecology Letters*, (7):704-713.

Naugle, D.E., B.L. Walker, and K.E. Doherty
2007. Greater Sage-Grouse Population Response to Energy Development and Habitat Loss, *Journal of Wildlife Management*. 71(8):2644-2654.

Neftel, A., H. Friedli, E. Moore, H. Lotscher, H. Oeschger, U. Siegenthaler, and B. Stauffer.
1994 Historical carbon dioxide record from the Siple Station ice core. pp. 11-14. In T.A. Boden, D.P. Kaiser, R.J. Sepanski, and F.W. Stoss (eds.) *Trends'93: A Compendium of Data on Global Change*. ORNL/CDIAC-65. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tenn. U.S.A.

Nelson, C. R.
2000. "Coalbed methane potential of the U.S. Rocky Mountain Region." *GasTips*. Fall 2000. 6(3)4-12.

Nelson, R.L., M.L. McHenry, and W.S. Platts
1991. "Mining." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.

Newcombe, C.P. and J.O.T. Jensen
1996. "Channel suspended sediment and fisheries: a synthesis for quantitative

assessment of risk." *North American Journal of Fisheries Management*. 16:693-727.

Noble, R.A., R.N. Bergantino, T.W. Patton, B. Sholes, F. Daniel, and J. Schofield
1982. Occurrence and characteristics of groundwater in Montana, MBMG 99.

Norris, L.A., H.W. Lorz, and S.V. Gregory
1991. "Forest chemicals." In *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats*. William R. Meehan, ed., U.S. Department of Agriculture, Forest Service. American Fisheries Society Special Publication 19. Bethesda, MD.

Northern Cheyenne Tribe
2001. Draft Application to EPA for Water Quality Standards Program, Northern Cheyenne Reservation, Lame Deer, Montana.

Northern Cheyenne Tribe
2002. The Northern Cheyenne Tribe and Its Reservation. A report to the U.S. Bureau of Land Management and the State of Montana Dept. of Natural Resources and Conservation. April 2002.

Northern Cheyenne Tribe-State of Montana
1991. Water Rights Compact, State of Montana, Northern Cheyenne Tribe, United States of America, 85-20-301, MCA. Northern Cheyenne-Montana Compact, en. sec. 1, ch. 812, l. 1991.

Northern Cheyenne Tribe
2005. Letter from the Northern Cheyenne Tribe to BLM/Miles City Field Office dated October 18, 2005.

Northern Plains Resource Council.
2001. Letter to Judy Martz, Governor, State of Montana. Numeric Water Quality Standards. December 19, 2001.

Northern Plains Resource Council
Objection to Application of Fidelity Exploration and Production Company Application No. 42B-115291-00.

Nussbaum, R. A., E. D. Brodie, Jr., and R. M. Storm
1983. *Amphibians and reptiles of the Pacific Northwest*. University of Idaho Press. Moscow, ID.

BIBLIOGRAPHY

Office of Surface Mining Reclamation and Enforcement

1998. Annual evaluation summary report for regulatory and abandoned mine land programs administered by the State of Montana. Evaluation Year 1998.

Otton, James K., Sigrid Asher-Bolinder, Douglass E. Owen, and Laurel Hall.

1997. Effects of Produced Waters at Oilfield Production Sites on the Osage Indian Reservation, Northeastern Oklahoma. U.S. Geological Survey. Open File Report 97-28. February, 1997.

Oxley, D.J. and M.B. Fenton

1974. "The effects of roads on populations of small mammals." *Journal of Applied Ecology*. 11:51-59.

Padden, L.

2001. Personal communication between L. Padden/BLM Billings Field Office with David Epperly/ALL Consulting. April 23, 2001.

Patricelli, G.

2005. Personal communication between G. Patricelli/University of California, Davis and J. Grialou/Parametrix. November 10, 2005.

Patten, M.A., D.H. Wolfe, E. Shochat, and S.K. Sherrod

2005. Habitat Fragmentation, Rapid Evolution and Population Persistence. *Evolutionary Ecology Research*. 7:235-249.

Perry, E.S.

1962. Montana in the geologic past. Montana Bureau of Mines and Geology. Bulletin Number 26.

Perry, C. and R. Overly

1976. Impact of roads on big game distribution in portions of the Blue Mountains of Washington. In *Hieb SR, ed. Proc. Elk-Logging-Roads Symposium*. Univ. of Idaho. For. Wildl. and Range Exp. Sta., Moscow, Idaho. p. 62-8.

Peterson et al.

1995. Cultural Resource Investigations of the Tongue River Dam Project Big Horn County, Montana. Contract report by Ethnoscience for the Montana Department of Natural Resources and Conservation, Helena, MT.

Peterson L. and S. Deaver

2002. An Ethnographic Overview of Southeast Montana, February 2001. Prepared for the BLM State Office, Billings, MT.

Petroleum Information Corporation

2001. Historical Well Data Base for Montana.

Pinnacle

- 2005a. Coal Creek Field Plan of Development Environmental Assessment, Pinnacle Gas Resources Inc. for the BLM Miles City Office. August 2005.

Pinnacle

- 2005b. Dietz Plan of Development Environmental Assessment, Pinnacle Gas Resources Inc. for the BLM Miles City Office. September 2005.

Pitchford, Marc L., and William C. Malm

1994. Development and Applications of a Standard Visual Index. *Atmospheric Environment* 28(5):1,049-54.

Pitman, J.C., C.A. Hagen, R.J. Robel, T.M. Loughin and R.D. Applegate.

2005. Location and success of lesser prairie-chicken nests in relation to vegetation and human disturbance. *Journal of Wildlife Management* 69:1259-1269.

Ports, M. A., and S. B. George

1990. *Sorex preblei* in the northern Great Basin. *Great Bas. Nat.* 50:93-95.

Posewitz, J.

1999. Beyond fair chase: the ethic and tradition of hunting. Helena, MT.: Falcon Publishing Co., Inc.

PRG

2004. Coal Creek Plan of Development Environmental Assessment, Powder River Gas for the BLM Miles City Office. November 2004.

PTTC

2000. Coal bed methane stratigraphic traps in the ferron coals of east-central Utah, PTTC Rocky Mountain Newsletter, September.

Questa

2000. Questa Engineering Corporation, 3M CBM Reservoir Model Final Report, May 2000, prepared for the Southern Ute Indian Tribe, COGCC, and BLM, Durango, CO.

- Ranney, H.J.**
2001. Discussion of Bicarbonate Issues Relative to CBM Development, Letter to MDEQ, November 14, 2001.
- Rau, L.**
2004. Coalbed Natural Gas Program Wildlife Monitoring and Protection Plan, 2003 Annual Report.
- Reading, R. P., J. J. Grensten, and T. W. Clark**
1989. "Attributes of black-tailed prairie dog colonies in north central Montana, with management recommendation for the conservation of biodiversity." *In: The Prairie Dog Ecosystem: Managing for Biological Diversity.* Tim W. Clark, Dan K. Hinckley and Terrell Rich, eds. Montana BLM Wildlife Technical Bulletin No. 2. Billings, MT.
- Reed, G.**
2002. Personal communication with Mr. George Reed of the Crow Tribe Cultural Department, September 10, 2002.
- Regele, S. and J. Stark**
2000. "Coal-bed methane gas development in Montana, some biological issues." Symposium proceedings, September 1, 2000: Interactive forum on Surface Mining Reclamation Approaches to Bond Release. Sponsored by USDI Office of Surface Mining, Denver, CO; the MDEQ, Helena, MT; and Montana Bureau of Mines and Geology, Butte, MT.
- Reichel, J. D., D. L. Genter, and E. Atkinson**
1992. Sensitive animal species in the Elkhorn and Big Belt Mountains of the Helena National Forest. Montana Natural Heritage Program. Helena, MT.
- Reichel, J. D., and D. Flath**
1995. "Identification of Montana's amphibians and reptiles." *Montana Outdoors* 26(3):15-34.
- Reid, L.M. and T. Dunne**
1984. Sediment production from forest road surfaces. *Water Resources Research.* 20:1753-1761.
- Rice, D.D.**
1997. Coalbed methane—an untapped energy resource and an environmental concern: U.S. Geological Fact Sheet FS-019-97.
- <http://energy.usgs.gov/factsheets/coalbed/coalmeth.html>.
- Rice, D.D. and T.M. Finn**
1995. Powder River Basin (033). In: Gautier, D.L. G.L. Dolton, K.I. Takahashi, and K.L. Varnes, eds. 1995 National Assessment of United States Oil and Gas Resources Results, Methodology, and Supporting Data. U.S. Geological Survey Digital Data Series DDS-30, CDROM.
- Rice, C. A., M. S. Ellis, and J. H. Bullock**
2000. Water co-produced with coal bed methane. USGS Open File report 00-372.
- Roberts, Albert E.**
1966. Geology and Coal Resources of the Livingston Coal Field, Gallatin and Park Counties, Montana. U.S. Geological Survey Professional Paper 526-A.
- Roberts, S.B., G.L. Gunther, T.T. Taber, A.M. Ochs, D. Blake, M.S. Ellis, G.D. Stricker, E.M. Wilde, J.H. Schuenemeyer, and H.C. Power.**
1999a. Decker Coalfield, Powder River Basin, Montana: geology, coal quality, and coal resources, in USGS Prof. Paper 1625-A.
- Roberts, S.B., E.M. Wilde, G.S. Rossi, D. Blake, M.S. Ellis, G.D. Stricker, A.M. Ochs, G.L. Gunther, J.H. Schuenemeyer, and H.C. Power.**
1999b. Ashland Coalfield, Powder River Basin, Montana: geology, coal quality, and coal resources, in USGS Prof. Paper 1625-A.
- Roedel, M. D.**
1999. Montana animal species of special concern [Unpublished list.] Montana Natural Heritage Program, Helena, MT.
- Rost, G.R. and J.A. Bailey**
1979. "Distribution of mule deer and elk in relation to roads." *Journal of Wildlife Management.* 43:634-641.
- Roundup Power Project.**
2003. Draft Air Quality Permit No. 3182-00. January 31, 2003.
- Saab, V.A., C.E. Bock, T.D. Rich, D.S. Dobkin**
1995. "Livestock grazing effects in western North America." In: Martian, Thomas E.; Finch, Deborah M., eds. *Ecology and management of neotropical migratory birds.* New York: Oxford University Press: 311-353.

BIBLIOGRAPHY

Sage Grouse Winter Habitat—Why We Need Multiple Years of Data Collection

2002. Presented at the Idaho Chapter, The Wildlife Society Meeting, March 2002. Idaho Falls, Idaho.

Sampson, C.

2005. 2003 and 2004 Southeastern Montana prairie stream survey. Report prepared by Montana Department of Fish, Wildlife, and Parks, Miles City, MT.

Sattler, Allan R., Malynda A. Aragon, M. Michael Hightower

- 2006 Technical Review of Proposed Changes in Montana Water Quality Standards for Coal Bed Natural Gas Produced Water, Sandia National Laboratories

Savage, D. E.

1969. Relation of sage grouse to upland meadows in Nevada. Nevada Fish and Game Commission, Job Completion Report, Project W-39-R-9, Job 12, Reno, NV.

Schneider, T. J.

2001. Coal Bed Methane Produced Water Re-Injection, NPRC White Paper, May 16, 2001.

Scire, et al.

2000. A Users Guide for the CALPUFF Dispersion Model (Version 5). Earth Tech, Inc., Concord, MA.

Shafroth, P.B., J.M. Friedman, and L.S. Ischinger

- “Effects of salinity on establishment of *Populus fremontii* (cottonwood) and *Tamarix ramosissima* (saltcedar) in southwestern United States.” *Great Basin Naturalist*. 55(1): 58-65.

Schafer, Jerry

2001. Natural Resource Conservation Service (NRCS), Bozeman via personal communication with Tom Pick, NRCS, Bozeman.

Seekins, J.W.

2005. Personal communication with Joe Icenogle, Fidelity Exploration and Production Company, Regulatory/Public Affairs Manager. October 2005.

Seekins, J.W.

2006. Personal Communication between Jon Seekins/ALL Consulting and E. Harris/Parametrix. March 8, 2006.

Sheley, R.

2001. Basics of Leafy Spurge. <http://www.weeds.montana.edu/range/spurge.htm>. MSU Weed Sciences. October 2001.

Sheley, R.J. Petroff, M. Borman

1999. Introduction to Biology and Management of Noxious Rangeland Weeds, Corvallis, OR.

Sheridan County Conservation District

- Abstract. Protecting Natural Resources by Reclaiming Oil-Field Brine Contaminated Soils.

Sheviak, C. J.

1984. “*Spiranthes diluvialis* (Orchidaceae), a new species from the western United States.” *Brittonia*. 36:8-14.

Sika, J.

2005. E-mail communication from Jenny Sika, Montana State University, to Jayson Parks, BLM Billings Field Office. September 21, 2005.

Skaar, D., A. Farag, and D. Harper

2005. Toxicity of major salt (sodium bicarbonate) from coalbed methane production to fish in the Tongue and Powder River drainages in Montana. National Pollution Discharge Elimination System, Semi-Annual Progress Report to U.S. Environmental Protection Agency by Montana Fish, Wildlife and Parks, and U.S. Geological Survey.

Skaar, D.

2006. Unpublished letter by Don Skaar of Montana Fish, Wildlife and Parks, to the Secretary of the Board of Environmental Review, Helena Montana.

Slagle, S.E., B.D. Lewis, and R.W. Lee

1985. Groundwater resources and potential hydrologic effects of surface coal mining in the northern Powder River Basin, southeastern Montana. U.S. Geological Survey Water Supply Paper 2239.

Solley, W.B., R.R. Pierce, and H.A. Perlman.

1995. Estimated use of water in the United States in 1995. U.S. Geological Circular 1200.

Stewart, Shawn,

- 2006 Personal Communication between Shawn Stewart, Montana Fish Wildlife

- & Parks and Jon W. Seekins, ALL Consulting; regarding 2005/2006 Winter bighorn sheep index counts in the Pryor Mountains of Montana. June 15, 2006.
- Stoddart, L. A., A. D. Smith, and T. Box**
1975. *Range Management*. Third edition. McGraw-Hill Book Co., Inc. New York.
- Stone, J. L.**
1971. Winter movements and distribution of moose in upper Rock Creek drainage, Granite County, Montana. M.S. thesis. University of Montana, Missoula, MT.
- Stricker, G.D.**
1999. Bull Mountain Basin, Montana in 1999 Resource Assessment of Selected Tertiary Coal Beds and Zones in the Northern Rocky Mountains and Great Plains Region, USGS Open File Report, 1625-A.
- Suarez, Donald L., James D. Wood, and Scott M. Lesch**
2006. Evaluation of Water Quality Criteria for Rain-Irrigation Cropping Systems. USDA-ARS Salinity Laboratory.
- Surface Transportation Board (STB)**
2004. Tongue River Railroad—Construction and Operation of the Proposed Western Alignment Draft Supplemental EIS. Section of Environmental Analysis.
- Swihart, R.K. and N.A. Slade**
1984. "Road crossing in *Sigmodon hispidus* and *Microtus ochrogaster*." *Journal of Mammalogy*. 65:357-360.
- Taylor, Dzialak and Hayden-Wing**
2007. Greater Sage-Grouse Populations and Energy Development in Wyoming. Unpublished Report.
- Thomas, C.E, C.F. Mahoney, and G.W. Winter**
1987. "Water-injection maintenance and waterflood processes." In: *Petroleum Engineering Handbook*. H.B. Bradley, ed.. Soc. of Petrol Eng. Richardson, TX.
- Trent, J.**
1991. Sociology Survey of 100 Respondents in the Planning Area. U.S. Department of the Interior, Bureau of Land Management, Montana State Office, Billings, MT.
- Tribby, D.**
2006. Personal communication between D. Tribby/BLM Miles City Field Office and Dave Bockelmann/ALL Consulting. May 30, 2006..
- Tribby, D.**
2001. Personal communication between D. Tribby/BLM Miles City Field Office with David Epperly/ALL Consulting. April 12, 2001.
- Trombulak, S.C. and C.A. Frissell**
2000. "Review of ecological effects of roads on terrestrial and aquatic communities." *Conservation Biology*. 14:18-30.
- Tuber, S.S.**
2002. Letter to Wyoming Department of Environmental Quality, Water Quality Division. General Permit for Off-Channel Complete Containment Ponds. March 15, 2002.
- Tudor, M.S.**
1975. Geologic exploration and development of coal in the Sarpy Creek area, Big Horn County, Montana, in J. Doroshenko, W.R. Miller, E.E. Thompson, Jr., J.H. and Rawlins, eds., *Energy Resources of Montana: Montana Geological Society 22nd Annual Publication*, pp. 159-164.
- Tyler, J. D.**
1968. Distribution and vertebrate associations of the black-tailed prairie dog in Oklahoma. PhD. Thesis, University of Oklahoma, Norman, OK.
- University of Montana**
2004. Invaders Database System. <http://invader.dbs.umt.edu/queryarea.asp>.
- Uresk, D.W. and J.C. Sharps.**
1986. Denning habitat and diet of swift fox in western South Dakota. *Great Basin Naturalist* 46:249-253.
- U.S. Bureau of Economic Analysis.**
2001. Regional Economic Information System. <http://www.bea.doc.gov/bea/regional/bearfacts/bf10/index.htm> <March 21, 2001>.
- U.S. Bureau of Indian Affairs**
1994. Land Titles and Records Office. U.S. Department of the Interior, Bureau of Indian Affairs, Rocky Mountain Regional Office.

BIBLIOGRAPHY

U.S. Bureau of Indian Affairs

1999. Indian Labor Force Report, 1999. U.S. Department of the Interior, Bureau of Indian Affairs Office of Tribal Services.

U.S. Bureau of Reclamation

1994. Indian Trust Asset Policy and NEPA Implementing Procedures, Questions and Answers about the Policy and Procedures. U.S. Department of the Interior, Bureau of Reclamation. August 31, 1994.

U.S. Census Bureau

1990. Household and housing unit estimates. <http://www.census.gov/population/www/estimates/housing.html>. <March 21, 2001>.

U.S. Census Bureau

- 2001a. Census 2000 redistricting data (Public Law 94-171) summary file, matrices PL1 and PL2. <http://www.census.gov>. <March 21, 2001>.

U.S. Census Bureau Small Area Income and Poverty Estimates Program

- 2001b. Small Area Income and Poverty Estimates Program. U.S. Census Bureau website at <http://ceic.commerce.state.mt.us/Demog/estimate/poverty/97allages.htm>, accessed 2001.

U.S. Department of Agriculture

1991. Record of Decision, Noxious Weed Management Amendment to Lolo National Forest Plan. U.S. Forest Service. Accessed via USDI Bureau of Land Management Weed Plan Web Site. <http://www.blm.gov/nhp/main/WP7weedplan.html> <July 6, 2001>

U.S. Department of Agriculture and U.S. Department of the Interior

2000. Source habitats for terrestrial vertebrates of focus in the interior Columbia Basin: broad-scale trends and management implications. Vol. 1-Overview. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station and U.S. Department of the Interior, Bureau of Land Management. General Technical Report PNW-GTR-485.

U.S. Department of Agriculture Forest Service

2000. Screening Methodology for Calculating ANC Change to High Elevation Lakes. Published by the USDA-Forest Service, Rocky Mountain Region. Lakewood, CO.

U.S. Department of Agriculture Forest Service

2005. Forest Service Region 1 sensitive species list. March 31, 2004.

U.S. Department of Agriculture Natural Resources Conservation Service

- 1996 (1998 update). The state soils geographic database (STATSGO) (for Montana). U.S. Department of Agriculture, Natural Resource Conservation Service. http://www.ftw.nrcs.usda.gov/stat_data.html < March 2001>.

U.S. Department of Agriculture Natural Resources Conservation Service (formerly Soil Conservation Service)

1972. Soil Survey of Yellowstone County, Montana. Soil Conservation Service.

U.S. Department of Agriculture Natural Resources Conservation Service

1982. National Engineering Handbook, Part 630 Hydrology.

U.S. Department of Commerce

1996. *American Indian Reservations and Trust Areas*. Accessed via Senator Max Baucus' web page. <http://www.baucus.senate.gov/tribes.html>. <November 12, 2001>.

U.S. Department of Commerce, BEA

2001. U.S. Department of Commerce, Bureau of Economic Analysis, 2001. <http://ceic.commerce.state.mt.us/Economic/BEA/CountyReis/index.htm>. <March 21, 2001; April 25, 2001; April 30, 2001>.

U.S. Department of Commerce, Bureau of Economic Analysis

2005. <http://www.bea.doc.gov/bea/regional/reis/> <September 29, 2005>.

U.S. Department of Energy, Office of Fossil Fuel and National Energy Technology Laboratory Strategic Center for Natural Gas

2002. Powder River Basin Coalbed Methane Development and Produced Water Management Study. November, 2002.

U.S. Department of the Interior

2000. Coalbed methane: potential and concerns. Fact Sheet FS-123-00.

U.S. Department of the Interior

2007. Letter to the Comptroller General, US Government Accountability Office in regards to GAO Report "Climate Change: Agencies Should Develop Guidance for Addressing the Effects on Federal Land and Water Resources" GAO-07-863 Climate Change, pgs 174-178.

U.S. Department of the Interior and U.S. Department of Agriculture (USDI and USDA)

2001. Off-highway vehicle environmental impact statement and proposed plan amendment for Montana, North Dakota and portions of South Dakota. U.S. Department of the Interior, Bureau of Land Management, Montana State Office and U.S. Department of Agriculture, Forest Service, Northern Region.

U.S. Department of the Interior and U.S. Department of Agriculture (USDI and USDA)

2006. Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development, The Gold Book, USDOI BLM and USDA Forest Service, Fourth Edition, 2006.

USDI Bureau of Land Management

1983. *Final environmental impact statement, resources management plan, Billings resource area.* U.S. Department of the Interior, Bureau of Land Management. November 1983. BLM-MT-ES-84-002-4410.

USDI Bureau of Land Management

- 1984a. Record of Decision for the Billings Resource Management Plan, Final Environmental Impact Statement, September 1984, United States Department of Interior, Bureau of Land Management, Miles City District Office, September 1984.

USDI Bureau of Land Management

- 1984b. Powder River Resource Area, Resource Management Plan, Miles City District, Final Environmental Impact Statement, December 1984, United States Department of Interior, Bureau of Land

Management, Miles City District Office, BLM-MT-ES-85-0014410.

USDI Bureau of Land Management

1985. Record of Decision for the Powder River Resource Area, Resource Management Plan, Final Environmental Impact Statement, March 1985, United States Department of Interior, Bureau of Land Management, Miles City District Office, September 1985.

USDI Bureau of Land Management

1989. *Powder River I regional draft EIS, economic, social, and cultural supplement.* U.S. Department of the Interior, Bureau of Land Management, Miles City District Office.

USDI Bureau of Land Management.

1989. Final Economic, Social, and Cultural Supplement to the Powder River I Regional EIS.

USDI Bureau of Land Management

1992. *Final Oil and Gas RMP/EIS Amendment for the Billings, Powder River and South Dakota Resource Areas.* U.S. Department of the Interior, Bureau of Land Management, Miles City District.

USDI Bureau of Land Management

1994. *Record of Decision: Powder River, Billings, and South Dakota Oil and Gas RMP/EIS Amendment.* Miles City District, MT.

USDI Bureau of Land Management

1995. *Big Dry Resource Management Plan/ Environmental Impact Statement for the Big Dry Resource Area of the Miles City District.* Final. U.S. Department of the Interior, Bureau of Land Management.

USDI Bureau of Land Management

1996. Partners against weeds: an action plan for the Bureau of Land Management. BLM/MT/ST-96/003+1020.

USDI Bureau of Land Management

- 1997a. Implementation Requirements for Noxious Weed Seed Forage on Public Lands in Montana (EA MT-001-EA97). Montana State Office, Billings, Montana.

BIBLIOGRAPHY

USDI Bureau of Land Management

- 1997b. Programmatic Agreement Among the Bureau of Land Management, the Advisory Council on Historic Preservation, and the National Conference of State Historic Preservation Officers Regarding the Manner in which BLM will meet its Responsibilities under the National Historic Preservation Act.

USDI Bureau of Land Management

1998. Document H3160-2, Drainage Protection Guidelines Instruction Memorandum, DOI, BLM 3160-2 Drainage Protection Manual, State and Field Office Fluid Minerals staff, Denver Service Center, National Training Center.

USDI Bureau of Land Management

- 1999a. ACEC Record of Decision. March 1999.

USDI Bureau of Land Management

- 1999b. *Wyodak coalbed methane project final EIS*. U.S. Department of the Interior, Bureau of Land Management, Buffalo Field Office.

USDI Bureau of Land Management

- 1999c. Seeding policy. Instruction Memorandum No. MT-020-2000-001. U.S. Department of the Interior, U.S. Bureau of Land Management, Miles City District Office. Miles City, MT.

USDI Bureau of Land Management

- 1999d. Final Environmental Impact Statement - Continental Divide/Wamsutter II Natural Gas Project, Sweetwater and Carbon Counties. Rawlins and Rock Springs Field Offices. Rawlins and Rock Springs, WY.

USDI Bureau of Land Management

- 2000a. Guidelines for Identifying Cultural Resources H-81-10, BLM Montana, Draft April 2000.

USDI Bureau of Land Management

- 2000b. WYODAK Drainage Area EA, December.

USDI Bureau of Land Management.

- 2000c. *Oil and Gas Development on the Southern UTE Indian Reservation. Environmental Impact Statement. BLM, Durango, CO.*

USDI Bureau of Land Management

2001. Draft Statewide Oil and Gas Environmental Impact Statement and Amendment of the Powder River and Billings Resource Management Plans. Miles City Field Office, Miles City, MT.

USDI Bureau of Land Management

- 2001a. *Reasonable foreseeable development scenario for oil and gas development in the Buffalo field office area, Campbell, Johnson, and Sheridan counties, Wyoming*. Wyoming State Office, Reservoir Management Group.

USDI Bureau of Land Management

- 2001b. *Record of decision: Wyodak drainage coalbed methane environmental assessment*.

USDI Bureau of Land Management

- 2002a. Draft Environmental Impact Statement and Draft Planning Amendment for the Powder River Basin Oil and Gas Project. Buffalo Field Office. Buffalo, WY.

USDI Bureau of Land Management

- 2002b. Washington Office, Policy on Conflicts Between Coal Bed Methane (CBM) and Coal Development, February 22, 2002.

USDI Bureau of Land Management

- 2002c. Washington Office, Policy on Conflicts Between Coal Bed methane (CBM) and Coal development. Instruction Memorandum WO-IM-2000-81.

USDI Bureau of Land Management

2003. Final Statewide Oil and Gas Environmental Impact Statement and Proposed Amendment of the Powder River and Billings Resource Management Plan. United States Department of Interior, Bureau of Land Management, Miles City Field Office. BLM/MT/PL-03/005.

USDI Bureau of Land Management

- 2003a. BLM Instruction Memorandum No. 2003-253 (IM 2003-253): Policy and Guidance on Conflicts between Coalbed Natural Gas (CBNG) and Surface Coal Mine Development in the Powder River Basin.

USDI Bureau of Land Management

- 2003b. BLM Instruction Memorandum No. 2003-131 (IM 2003-131): Permitting Oil and Gas on Split Estate Lands and Guidance for Onshore Oil and Gas Order No. 1.

USDI Bureau of Land Management

- 2003c. Instruction Memorandum No. 2003-147, Application for Permit to Drill – Process Improvement #3 – Cultural Resources, April 14, 2003.

USDI Bureau of Land Management

- 2003d. Powder River Basin Oil and Gas Project Final EIS and Proposed Plan Amendment. Available at: <http://www.wy.blm.gov/nepa/prb-feis/>.

USDI Bureau of Land Management

- 2003e. SWQATR: Surface Water Quality Analysis Technical Report, report to accompany Final Montana Statewide CBNG EIS, Greystone Environmental Consultants and ALL Consultants, Jan 2003.

USDI Bureau of Land Management

- 2003f. Coal Bed Natural Gas APD and Project POD Guidance Manual, BLM Miles City Field Office, BLM/MT/GI-03/014, May 28, 2003.

USDI Bureau of Land Management

- 2004a. Coalbed Natural Gas Program Wildlife Monitoring and Protection Plan, 2004 Annual Report.

USDI Bureau of Land Management

- 2004b. Environmental Assessment for Powder River Gas, LLC, Coal Creek Project Plan of Development. United States Department of Interior, Bureau of Land Management, Miles City District Office. BLM-MT-020-2004-58.

USDI Bureau of Land Management

- 2004c. Guidelines for Conducting Tribal Consultation. BLM Manual Handbook H-8120, December 3, 2004.

USDI Bureau of Land Management.

- 2005a. 2005 Montana/Dakotas Special Status Plant Species policy. Instruction memorandum No. MT-2005-055. Montana State Office, Billings, Montana.

USDI Bureau of Land Management

- 2005b. Coalbed Natural Gas Program Wildlife Monitoring and Protection Plan, 2005 Annual Report, draft.

USDI Bureau of Land Management

- 2005c. Environmental Assessment for Fidelity Exploration & Production Co., Coal Bed Natural Gas, Tongue River - Coal Creek Project Plan of Development, Big Horn County, Montana, United States Department of Interior, Bureau of Land Management, Miles City District Office. BLM-MT-020-2004-297.

USDI Bureau of Land Management

- 2005d. Environmental Assessment for Fidelity Exploration & Production Co., Coal Bed Natural Gas, Tongue River- Deer Creek North Project and Pond Creek Project Plans of Development, Big Horn County, Montana. United States Department of Interior, Bureau of Land Management, Miles City District Office. BLM-MT-020-2005-0155.

USDI Bureau of Land Management.

- 2005e. Task 3C Report for the Powder River Basin Coal Review Cumulative Social and Economic Effects Report. BLM Casper Field Office and Wyoming State Office. December 2005. Denver, Colorado.

USDI Bureau of Land Management

2006. BLM Instruction Memorandum No. 2006-153 (IM 2006-153): Policy and Guidance on Conflicts between Coalbed Natural Gas (CBNG) and Surface Coal Mine Development in the Powder River Basin.

USDI Bureau of Land Management.

2007. Supplemental Air Quality Analysis to the Draft Supplement to the Montana Statewide Oil and Gas Environmental Impact Statement and Amendment of the Powder River and Billings Resource Management Plans. November 2007.

USDI Bureau of Land Management.

2008. National Environmental Policy Act Handbook (H-1790-1), 174 pgs. http://www.blm.gov/style/medialib/blm/wo/Information_Resources_Managment/policy/blm_handbook.Par.24487.File.dat/h1790-1-2008-1.pdf

BIBLIOGRAPHY

USDI Fish and Wildlife Service

1978. Terrestrial habitat evaluation criteria handbook Ecoregion M3113, South Rocky Mountains. U.S. Department of the Interior, Fish and Wildlife Service.

USDI Fish and Wildlife Service

1980. Rosebud Creek Study, Northern Cheyenne Indian Reservation.

USDI Fish and Wildlife Service

1986. Whooping crane recovery plan. U.S. Fish and Wildlife Service, Albuquerque, NM.

USDI Fish and Wildlife Service

1988. Black-footed ferret recovery plan. Denver, CO. 154 pp.

USDI Fish and Wildlife Service

1990. Draft Guidelines for Oil and Gas Activities in Prairie Dog Ecosystems Managed for Black-footed ferret Recovery.

USDI Fish and Wildlife Service

1993. Final recovery plan for the pallid sturgeon (*Scaphirhynchus albus*). Denver, CO.

USDI Fish and Wildlife Service

- 1994a. Final rule: Endangered and threatened wildlife and plants; establishment of a nonessential experimental population of gray wolves in central Idaho and southwestern Montana. RIN 1018-AC86.

USDI Fish and Wildlife Service

- 1994b. Notice of 90-day finding on the petition to list the sturgeon chub and sicklefin chub as endangered.

USDI Fish and Wildlife Service

- 1994c. Notice of 12-month petition finding: Endangered and threatened wildlife and plants; finding on a petition to list the fluvial population of the arctic grayling as endangered.

USDI Fish and Wildlife Service

1995. Ute ladies'-tresses (*Spiranthes diluvialis*) agency review draft recovery plan, 1995. Prepared by the Ute ladies'-tresses recovery team for Region 6, U.S. Fish and Wildlife Service, Denver, CO.

USDI Fish and Wildlife Service

2001. Letter from Mr. R. Mark Wilson, Field Supervisor, Montana field Office, U.S. Fish and Wildlife Service, to Mr. Larry Rau, Bureau of Land Management, Montana City Field Office, regarding impacts of the proposed action on threatened, endangered, and proposed species. April 17, 2001.

USDI Fish and Wildlife Service

2002. Letter from Mr. R. Mark Wilson, Field Supervisor, MTFO, USFWS, to BLM, Miles City Field Office, regarding biological and conference opinions on impacts of the proposed action on threatened and endangered species. September 1, 2002.

USDI Fish and Wildlife Service

- 2002a. Division of Migratory Bird Management. Birds of Conservation Concern 2002. December, 2002.

USDI Fish and Wildlife Service

2003. Endangered and threatened wildlife and plants; withdrawal of the proposed rule to list the mountain plover as threatened. Federal Register 68(174):53083-53101. September 9, 2003.

USDI Fish and Wildlife Service

2004. Endangered and threatened wildlife and plants; finding for the resubmitted petition to list the black-tailed prairie dog as threatened. Federal Register 69(159):51217-51226. August 18, 2004.

USDI Fish and Wildlife Service, Nez Perce Tribe, National Park Service, Montana Fish, Wildlife, and Parks, Idaho Fish and Game, and USDA Wildlife Services

2005. Rocky Mountain Wolf Recovery 2004 Annual Report. D. Boyd, ed. USFWS, Helena, MT.

USDI Fish and Wildlife Service

- 2005a. U.S. Fish and Wildlife Service to review status of Yellowstone cutthroat trout. U.S. Fish and Wildlife Service announcement 05-61.

USDI Fish and Wildlife Service

- 2005b. Status review completed: greater sage-grouse not warranted for listing as endangered or threatened. News Release, January 7, 2005

USDI Fish and Wildlife Service

- 2005c. Endangered and threatened wildlife and plants; 12-month finding for petitions to list the greater sage-grouse as threatened or endangered. Federal Register 70(8):2244-2282. January 12, 2005

USDI Minerals Management Service

2001. USDI website at <http://www.mrm.mms.gov/Stats/statsrm.htm>, accessed 2001.

USDI Minerals Management Service

2006. MRM Statistical Information Website at <http://www.mrm.mms.gov/MRMWebStats/StateAndOffshoreRegions.aspx?state=MT&yeartype=-FY&year=2005> <January 5 and March 27, 2006>.

USDI National Park Service

2002. Intermountain Region. Letter to BLM Buffalo Field Office regarding comments on the preliminary FEIS and the Technical Support Document for the Powder River Basin Oil and Gas Project. December 2, 2002.

USDL

See U.S. Department of Labor.

U.S. Department of Labor

1999. U.S. Department of Labor Website www.dol.gov.

U.S. District Court

2000. See September 21, 2000 order in Friends of the Wild Swan, et al., v. U.S. Environmental Protection Agency, et al., CV 97-35-M-DWM, U.S. District Court for the District of Montana, Missoula Division.

U.S. Environmental Protection Agency

1990. Superfund National Oil and Hazardous Substances Pollution Contingency Plan. 40CFR 300, Subchapter J.

U.S. Environmental Protection Agency

- 1997a. National Air Toxics Information Clearinghouse (NATICH) Database. Office of Air Quality Planning and Standards. Research Triangle Park, NC.

U.S. Environmental Protection Agency

- 1997b. Integrated Risk Information System (IRIS) Database. Office of Air Quality Planning and Standards. Research Triangle Park, NC.

U.S. Environmental Protection Agency

2001. Office of Water. Economic Impact Analysis of Disposal Options for Produced Waters from Coalbed Methane Operations in EPA Region 8. U.S. EPA Public Meeting, Billings, Montana. September 25, 2001.

U.S. Environmental Protection Agency

2002. Letter from Robert E. Roberts, EPA Regional Administrator, "EPA's Review of the statewide Draft Oil and Gas Environmental Impact Statement and Amendment of the Powder River and Billings Resource Management Plans, (CEQ #020060).

U.S. Environmental Protection Agency,

- 2007a, Climate Change – Science (www.epa.gov/climatechange/science/steofknowledge.html)

U.S. Environmental Protection Agency,

- 2008a, Knowledge Building Series Climate Change 101 (USEPA: 908-F-08-003) (www.epa.gov/region8/climatechange/ClimateChange101FINAL.pdf)

U.S. Geological Survey

Coal Fields of the Conterminous United States, Open File Report 96-92.

U.S. Geological Survey

1963. *Mineral and Water Resources of Montana: Report of the United States Geological Survey*. In collaboration with Montana Bureau of Mines and Geology. Prepared at the request of Senator Lee Metcalf of Montana of the Committee on Interior and Insular Affairs, United States Senate. P. 46.

U.S. Geological Survey

1995. Estimated Use of Water in the United States in 1995, USGS Circular 1200, 1996.

U.S. Geological Survey

1998. Fort Union Coal Assessment Team. U.S. Geological Survey Professional Paper 1625-A, Resource Assessment of Selected Tertiary Coal Beds and Zones in the Northern Rocky Mountains and Great Plains Region.

U.S. Geological Survey

1999. Fort Union Coal Assessment Team. U.S. Geological Survey Professional paper 1625-A, Resource Assessment of

BIBLIOGRAPHY

- Selected Tertiary Coal Beds and Zones in the Northern Rocky Mountains and Great Plains Region.
- U.S. Geological Survey**
2000. Coal bed methane: potential and concerns, USGS Fact Sheet, FS-123-00, October.
- U.S. Geological Survey**
2001. USGS Water Resources Database. http://waterdata.usgs.gov/mt/nwis/monthly?search_criteria=huc_cd&submitted_form=introduction <April 2001>.
- U.S. Geological Survey**
2002. Assessment of Undiscovered Oil and Gas Resources of the Powder River Basin Province of Wyoming and Montana, USGS Fact Sheet FS-146-02, November.
- U.S. Geological Survey**
2004. Powder River Basin Assessment Team USGS Digital Data Series, DDS-69-C. Total Petroleum System and Assessment of Coalbed Gas in the Powder River Basin Province, Wyoming and Montana.
- U.S. Geological Survey**
2005. Summary of water-quality data for sites in the Tongue River surface-water-quality monitoring network, March - October 2004 irrigation season. <http://tonguerivermonitoring.cr.usgs.gov/2004waterqualitysummary.htm> <April 11, 2006>.
- U.S. Geological Survey**
2005a. Powder River fish sampling data. Preliminary unpublished data collected by U.S. Geological Survey, Cheyenne, Wyoming.
- U.S. Geological Survey**
2008a. National Water Information System: Web Interface - USGS 06308500 Tongue River at Miles City MT. http://waterdata.usgs.gov/mt/nwis/uv?dd_cd=02,03,06,20&format=gif&period=7&site_no=06308500
- U.S. Geological Survey**
2008. [The Challenges of Linking Carbon Emissions, Atmospheric Greenhouse Gas Concentrations, Global Warming, and Consequential Impacts; May 14, 2008 Memorandum from Mark D. Myers \(USGS Director\) to Fish and Wildlife Service; http://www.doi.gov/issues/polar_bears/MemoFWS-PolarBears.PDF.](http://www.doi.gov/issues/polar_bears/MemoFWS-PolarBears.PDF)
- USGS**
See U.S. Geological Survey.
- U.S. Supreme Court**
1998. Syllabus Prepared by Reporter of Decisions No. 96-1829 *Montana et al. v. Crow Tribe of Indians et al.* Certiorari to the United States Court of Appeals for Ninth Circuit.
- U.S. Supreme Court**
1998. *Montana et al. v. Crow Tribe of Indians et al.*, certiorari to the United States Court of Appeals for the Ninth Circuit, No. 96—1829. Argued February 24, 1998—Decided May 18, 1998.
- Van der Zande, A. N., W. J. ter Keurs, and W. J. Van der Weijden**
1980. The impact of roads on the densities of four bird species in an open field habitat—evidence of a long distance effect. *Biological Conservation* 18:299-321.
- Van Dyke, F.G., R.H. Brocke, and H.G. Shaw**
1986. “Use of road track counts as indices of mountain lion presence.” *Journal of Wildlife Management*. 50:102-109.
- Van Voast, W. A., and Jon C. Reiten**
1988. Hydrogeologic responses: Twenty years of surface coal mining in southeastern Montana: Montana Bureau of Mines and Geology.
- Van Voast, W. and Thale, P.**
2001. Anderson and Knobloch Coal Horizons and Potential for Methane Development, Powder River Basin, MBMG Map 60, 2001.
- Vestjens, W.J.M**
1973. “Wildlife mortality on a road in New South Wales.” *Emu*. 73:107-12.

- Wakkinen, W. L., K. P. Reese, and J. W. Connelly.**
1992. Sage grouse nest locations in relation to leks. *Journal of Wildlife Management*. 56:381-383.
- Walker, B.**
2005. Wildlife Biology Program, University of Montana. E-mail correspondence dated December 1, 2005 to study cooperators regarding update on Powder River Basin sage-grouse/CBNG project.
- Walker, B.L., D.E. Naugle, K.E. Doherty, and T.E. Cornish**
2004. From the field: outbreak of west Nile virus in greater sage-grouse and guidelines for monitoring, handling, and submitting dead birds. *Wildlife Society Bulletin* 32(3):1-7.
- Wallestad, R., and D. B. Pyrah**
1974. "Movements and nesting requirements of sage grouse hens in Central Montana." *Journal of Wildlife Management*. 38(4):630-633.
- Wallestad, R., and P. Schladweiler**
1975. "Breeding season movements and habitat use of male sage grouse in Central Montana." *Journal of Wildlife Management*. 38(4):634-637.
- Wallwork, S. S. and Maxine Johnson**
1986. Natural resource development in Montana. Bureau of Business and Economic Research. University of Montana, Missoula, MT.
- Ward, A.L., J.J. Cupal, A.L. Lea, C.A. Oakley, and R.W. Weeks**
1973. "Elk behavior in relation to cattle grazing, forest recreation, and traffic." *Trans. N. Amer. Wildl. Nat. Resour. Conf.* 38:327-37.
- Weber, L. M. and B. H. Martin**
1991. "Piping plovers nest on dry and nearly dry alkaline wetlands in the northern Great Plains 1988-1990." *Prairie Naturalist*. 23: 209.
- Weinstein, M.**
1978. Impact of Off-Road Vehicles on the Avifauna of Afton Canyon, California. Bureau of Land Management. Department of the Interior. Final Report #CA-060-CT7-2734.
- Wentland, H. J.**
1968. Summer range habits of the pronghorn antelope in central Montana with special reference to proposed sagebrush control study plots. M.S. thesis. Montana State University, Bozeman, MT.
- West Coat Environmental Law**
2003. Coalbed Methane: A Citizen's Guide. May, 2003.
- Western Regional Climate Center (WRCC),**
2008a. MILES CITY FAA AIRPORT, MONTANA Monthly Average Temperature (<http://www.wrcc.dri.edu/summary/Climsmemt.html>)
- Western Regional Climate Center (WRCC),**
2008b. BURGESS JUNCTION, WYOMING, Monthly Total Snowfall (<http://www.wrcc.dri.edu/summary/Climsmwy.html>)
- Wheaton, J. and W. Van Voast**
1998. A quarter century of coal mining and hydrological research in southeastern Montana. National Meeting of the American Society for Surface Mining and Reclamation. St. Louis, MO. May 1998.
- Wheaton, J. and J. Metesh**
2001. Potential groundwater impacts from coal-bed methane development in portions of Montana. MBMG Administrative Report to U.S. Bureau of Land Management.
- Wheaton, J. and J. Metesh**
2002. "Potential Groundwater Drawdown and Recovery from Coal Bed Methane Development in the Powder River Basin, Montana," MBMG Open-File Report 458, May 2002.
- Wheaton, J.R. and T. A. Donato**
2004. Groundwater Monitoring Program in Perspective CBM Areas of Southeastern Montana Year One, Montana Bureau of Mines and Geology Open File Report 508, 2004.
- Wheaton, J. and S. Reddish**
2005. Potential effects to ground-water systems resulting from subsurface injection of coalbed methane production water. Report to the Montana Department of

BIBLIOGRAPHY

- Environmental Quality and the Board of Environmental Review. Montana Bureau of Mines and Geology, December, 2005. (<http://www.deq.state.mt.us/ber/WheatonCBMInjectionRpt.pdf>).
- Wheaton, J.R., et al.**
2005. Stalene Ground-Water Monitoring Network for the Tongue River and Powder River Watersheds, Project Completion Report Contract # RIT-0408653, Big Horn Conservation District and Montana Bureau of Mines and Geology, 2005.
- Wheaton, J.R. and T. Brown**
2005. Predicting Changes in Ground-Water Quality Associated with Coalbed Methane Infiltration Ponds, Western Resources Project End of Project Report.
- Wheaton, J., T. Donato, S. Reddish, and L. Hammer**
2006. 2005 Annual Coalbed Methane Regional Ground-water Monitoring Report: Northern Portion of the Powder River Basin.
- Williams, personal communication**
2006. Bruce Williams Fidelity Oil and Gas Exploration and Production Company, discussion with Dr. Bruce Langhus of ALL Consulting regarding the use of water well mitigation agreements to alleviate methane migration in the Powder River Basin. March 2006.
- Williams, J. and P. Diebel**
1996. "The economic value of prairie." F.B. Samson and F.L. Knopf, eds. *In: Prairie conservation preserving North America's most endangered ecosystem.* Island Press. Covelo, CA.
- Williams, B.**
2001. Personal communication between Mr. Williams/V.P., Redstone and Dr. Langhus/ALL-LLC. March 23, 2001.
- Wisdom, M.J., R.S. Holthausen, B.C. Wales, C.D. Hargis, V.A. Saab, D.C. Lee, W.J. Hann, T.D. Rich, M.M. Rowland, W.J. Murphy, and M.R. Eames**
2000. Source habitats for terrestrial vertebrates of focus in the interior Columbia basin: broad-scale trends and management implications. Volume 1—Overview. Gen. Tech. Rep. PNW-GTR-485. Portland, OR. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 3 vol.
- Wisdom, M.J., B.C. Wales, M.M. Rowland, M.G. Raphael, R.S. Holthausen, T.D. Rich, and V.A. Saab.**
2002. Performance of Greater Sage-Grouse Models for Conservation Assessment in the Interior Columbia Basin, U.S.A. *Conservation Biology*. 16:1232-1242.
- WOGCC**
2001. Coal Bed Methane Production Statistics, WOGCC web site <http://wogcc.state.wy.us/>, November, 2001.
- Wyoming Department of Environmental Quality**
2000. Water Quality Division. Concentrations of Barium in the Surface Waters in Northeastern Wyoming Related to Discharges of Coal Bed Methane Produced Water. December 1, 2000.
- Wyoming Game and Fish Department.**
n.d. Creating wetlands for wildlife with coal bed methane water. Sheridan, WY. Pamphlet.
- Wyoming Outdoor Counsel**
2001. Biodiversity Associates, Powder River Basin Resource Council and Oil and Gas Accountability Project. Protecting Wyoming's People, Land, Water and Air: a Citizen's Proposal to Conserve Wyoming's Heritage in the Powder River Basin. October 9, 2001.
- Yarmoloy, C., M. Bayer, and V. Geist.**
1988. "Behavior responses and reproduction of mule deer, *Odocoileus herionus*, does following experimental harassment with an all-terrain vehicle." *Canadian Field-Naturalist*. 102:425-429.
- Yashan, Dean.**
2005. Personal communication between Andy Bobst of BLM (Miles City Field Office) and Dean Yashan of MDEQ. December 8, 2005.
- Youmans, H. B., and J. E. Swenson.**
1982. Winter distribution of habitat use by mule deer and white-tailed deer in southeastern Montana. Appendix to Big Game Survey and Inventory (Deer) Region Seven, Progress Report W-130-

- R-13, Job 1-7. Montana Department of Fish, Wildlife and Parks.
- Zafft, D.**
2005a. Unpublished data, Wyoming Department of Game and Fish.
- Zafft, D.**
2005b. Personal communication between David Zafft/Wyoming Department of Game and Fish and Bob Sullivan/Parametrix. October 25, 2005.
- Zelt, Ronald B., Greg Boughton, Kirk A. Miller, Jon P. Mason, and Laura M. Gianakos.**
1999. *Environmental setting of the Yellowstone River Basin, Montana, North Dakota, and Wyoming*. U.S. Geological Survey Water-Resources Investigations Report 98-4269.
- Ziewitz, J. W., J. G. Sidle and J. J. Dinan.**
1992. "Habitat conservation for nesting least terns and piping plovers on the Platte River, Nebraska." *Prairie Naturalist*. 24:1-20.
- Zou, L., Miller, S.N., Schmidtman, E.T.**
2006. Mosquito larval habitat mapping using remote sensing and GIS: Implications of coalbed methane development and the West Nile Virus. *J. of Medical Entomology* 43(5):1034-1041.
- ZurMuehlen, A.**
2001. Coalbed methane development: economic and social impacts of proposed development in the Powder River Basin of Montana. Anderson ZurMuehlen and Co., PC, Certified Public Accountants and Business Consultants. Billings MT. June 1, 2001.