

1 **7.0 Consultation and Coordination**

2 The CEQ regulations (40 CFR Parts 1500–1508) require an early scoping process to determine the
3 issues related to the proposed action and alternatives that the EIS should address. The purpose of the
4 scoping process is to actively acquire input from all interested parties to identify important issues,
5 concerns, and potential impacts that require analysis in the EIS as well as to eliminate issues of no
6 concern and alternatives from detailed analysis. The scoping process provides opportunities for the
7 BLM, USFS, cooperating agencies, other interested parties, and the public to have meaningful
8 involvement early in the decision-making process.

9 The BLM, with input from the USFS and cooperating agencies, developed a Draft EIS and sent it to all
10 interested parties for public review and comment. Following a 45-day public comment period, all
11 comments received are to be compiled and responses prepared for incorporation as an appendix to the
12 Final EIS. The Draft EIS is then modified, clarified, and/or corrected as appropriate in coordination with
13 the BLM, USFS, and cooperating agencies. Once complete, the Final EIS is distributed to all interested
14 parties for a 30-day public protest period. Following this 30-day public protest period, the BLM and USFS
15 will both develop separate RODs and issue the applicable ROW grants.

16 **7.1 Agency Participation and Coordination**

17 The BLM is the Lead Federal Agency for this EIS, which has been prepared by the BLM CFO in Casper,
18 Wyoming. The USFS is a key cooperating agency and the USFS Douglas Ranger District of the
19 Medicine Bow-Routt National Forests and Thunder Basin National Grassland has assisted in the
20 development of the EIS. A third-party contractor, AECOM Technical Services, Inc. (AECOM), was
21 retained to conduct studies, gather data, and prepare documents to support EIS preparation at the
22 direction of the BLM. Specific regulations require the BLM to consult with federal, state, and local
23 agencies about the potential of the Project and alternatives to affect sensitive environmental and human
24 resources. The BLM initiated these consultation activities through the scoping process and has
25 maintained them through regular meetings regarding key topics (e.g., alternatives and impact analyses)
26 with cooperating agencies throughout the NEPA process. The BLM, USFS, and cooperating agencies
27 have been actively involved in preparing, reviewing, and creating the Draft EIS, as well as in developing
28 mitigations to reduce impacts from the proposed project. Other federal, state, and local agencies have
29 been consulted throughout the process to address specific issues as needed.

30 The BLM conducted internal inter-disciplinary meetings as well as a public scoping meeting to solicit
31 input and identification of environmental issues and concerns associated with the proposed project. A
32 project kick-off meeting was held May 4, 2014, at the BLM facilities in Casper, Wyoming. The kick-off
33 meeting included the key BLM and USFS resource specialists, representatives from the OG, and the
34 third-party contractor (AECOM) project management team and key resource specialists. The purpose of
35 the kick-off meeting was to establish the communication protocol, discuss scheduling, identify preliminary
36 sources of existing information, and review the status of the Project Description and other project
37 information.

38 The BLM invited interested federal, state, and local agencies as well as tribes to serve as cooperating
39 agencies for preparation of the EIS; based on agency responses, the following agencies are serving in
40 this role:

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- USFS Medicine Bow-Routt National Forests and Thunder Basin National Grassland Douglas Ranger District
- U.S. Environmental Protection Agency (USEPA)
- U.S. Fish and Wildlife Service (USFWS)
- State of Wyoming
- Campbell Board of County Commissioners
- Converse Board of County Commissioners
- Converse County Conservation District
- Johnson Board of County Commissioners
- Natrona Board of County Commissioners
- Niobrara Board of County Commissioners
- Platte Board of County Commissioners
- City of Casper
- City of Douglas
- Town of Evansville
- Town of Lost Springs
- Town of Rolling Hills

1 Refer to Section 1.5 for further discussion regarding participation and coordination with other agencies
 2 during development of this EIS and during the permitting process. A summary of the consultations to date
 3 for Section 106 of the NHPA and Section 7 of the ESA are included in Section 7.2.

4 **7.2 Consultation**

5 Federal laws require the lead federal agency (i.e., BLM) to consult with certain other federal and state
 6 agencies and entities and Native American tribes during the NEPA decision-making process (40 CFR
 7 1502.25). The following section discusses activities conducted during the NEPA process to meet these
 8 requirements.

9 **7.2.1 Tribal Consultation**

10 Federal agencies are directed by the NHPA to consult with any Indian tribe that attaches religious and
 11 cultural importance to historic properties that may be affected by an undertaking. Tribal consultation is a
 12 government-to-government relationship and is the active, affirmative process of: 1) identifying and seeking
 13 input from appropriate Native American governing bodies, community groups, and individuals; and 2)
 14 considering their interests as a necessary and integral part of the BLM's decision making process.
 15 According to 36 CFR 800.2 (c) (2)(ii)(A), "The agency official shall ensure that consultation in the section
 16 106 process provides the Indian tribe or Native Hawaiian organization a reasonable opportunity to identify
 17 its concerns about historic properties, advise on the identification and evaluation of historic properties,
 18 including those of traditional religious and cultural importance, articulate its views on the undertaking's
 19 effects on such properties, and participate in the resolution of adverse effects." Additional guidance can be
 20 found in MS-1780, Tribal Relations (BLM 2016e) and H-1780-1, Improving and Sustaining BLM-Tribal
 21 Relations (BLM 2016f).

22 Under the auspices of the AIRFA, EO 13007, the NAGPRA of 1990, the NHPA, NEPA, and FLPMA, the
 23 BLM and USFS must take into account the effects of land use decisions on places (i.e., physical locations)
 24 of cultural value to American Indian groups. The BLM and USFS work in cooperation with American Indian
 25 tribes to coordinate and consult before making decisions or approving actions that could result in changes in
 26 land use, physical changes to lands or resources, changes in access, or alienation of lands. Federal
 27 programs are required to be carried out in a manner sensitive to American Indian concerns and tribal
 28 government planning and resource management programs.

29 Formal consultation was initiated on July 28, 2014, when the BLM mailed hard copy letters to the leadership
 30 of the following 13 tribes:

- Cheyenne River Sioux Tribe
- Crow Tribe
- Crow Creek Sioux Tribe
- Eastern Shoshone Tribe of the Wind River Reservation
- Fort Peck Assiniboine and Sioux Tribes
- Lower Brule Sioux Tribe
- Northern Arapaho Tribe
- Northern Cheyenne Tribe
- Oglala Sioux Tribe
- Rosebud Sioux Tribe
- Sisseton-Wahpeton Oyate Tribe
- Standing Rock Sioux Tribe
- Yankton Sioux Tribe

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2 The BLM distributed these initial hard-copy letters to notify the tribes of the proposed undertaking and
 3 development of an EIS. The letter invited the tribes to participate as cooperating agencies in the EIS
 4 analysis and to consult on the Project. Following distribution of the hard copy letters, the BLM shared the
 5 same information with the cultural resource contacts for each tribe via email. The BLM continued to
 6 conduct follow-up phone calls to verify receipt of the July 28 letter. The Cheyenne River Sioux Tribe
 7 responded to this letter and expressed interest in government-to-government consultation on the Project.

8 A second set of hard copy letters was sent to the leadership of the same 13 tribes on February 4, 2016,
 9 to invite them to continue the government-to-government consultation under various authorities in order
 10 to identify resources and issues that need to be addressed in the EIS. Enclosures included a response
 11 form and a set of maps showing the regional location, federal mineral estate and surface ownership, and
 12 historic and culturally sensitive areas. Follow-up phone calls and emails occurred into the summer of
 13 2016 to confirm receipt of the letter and confirm interest in continued consultation on the Project,
 14 including interest in future meetings and field visits. Seven of the 13 tribes expressed interest in
 15 continued consultation. One of the 13 tribes indicated that they wanted to be kept informed (i.e., continue
 16 to send planning information) but was not interested in meetings or field visits at this time.

17 On August 1, 2016, hard copy letters were sent to the leadership of two additional tribes to invite them to
 18 participate in the government-to-government consultation on the Project. The two additional tribes
 19 included:

- 20 • Cheyenne and Arapahoe Tribes
- 21 • Spirit Lake Tribe

22 This letter was very similar to the February 4 letter sent to the other 13 tribes and included the same
 23 enclosures.

24 On October 7, 2016, emails were sent to the 14 tribes that expressed interest in consultation or have not
 25 yet responded. This email offered to set up meetings at locations that would be convenient to each tribe
 26 and asked for feedback on dates when they might be available.

27 On April 19, 2017, a larger coordination meeting addressing multiple projects was held in Buffalo,
 28 Wyoming. A summary of the Project was presented to those tribes that were in attendance.

29 From July 25 to July 27, 2017, meetings addressing multiple projects were held in Casper, Wyoming.
 30 These meetings included a full day of meetings/discussions regarding each of the projects; a full day of
 31 field visits that included the Pine Ridge Area; and a half day wrap-up session. Discussions focused on
 32 the best method for the BLM to communicate with the tribes in a timely manner during the APD process,
 33 the importance of tribes having access to assess project impacts, and adherence to the Section 106
 34 process.

35 Any and all specific information provided by tribal members concerning resources of Native American
 36 concern in the CCPA or the larger analysis area will remain confidential.

1 Input from the tribes will be requested throughout the development of this document, the additional
2 project-specific NEPA analysis, and will continue up to and during Project construction to identify
3 resources, impacts, and design avoidance, minimization, and mitigation measures that address impacts,
4 pursuant to NHPA and other relevant historic preservation laws and regulations, along with the American
5 Indian Religious Freedom Act and EO 13007, “Indian Sacred Sites”.

6 **7.2.2 Fish and Wildlife Consultation**

7 As the lead federal agency for the EIS, the BLM was signatory to a MOU with the USFWS Wyoming
8 Ecological Services Field Office as a cooperating agency. The Agreement, which was signed in March
9 2016, described the responsibilities of both agencies regarding NEPA, ESA, MBTA, and Bald Eagle
10 Protection Act regulations.

11 Numerous informal activities were completed to meet the ESA Section 7 consultation requirements for
12 the Project. These activities involved meetings, phone calls, and e-mails among the BLM, USFWS, and
13 AECOM regarding issues related to federally listed, proposed, and candidate species, contents of the
14 BA, and conservation measures.

15 The following list highlights the key informal consultation activities for the Project:

- 16 • Wildlife resource coordination telephone discussions were held on January 19 and February 16
17 between the BLM, USFWS, and AECOM for planning purposes regarding the BA.
- 18 • Initial species list was obtained from the USFWS Ecological Conservation Online System
19 website and Information, Planning, and Conservation (IPaC) System on March 10, 2014.
- 20 • Species list was obtained from the USFWS Wyoming Ecological Services Field Office on
21 March 14, 2014.
- 22 • BLM and AECOM prepared a draft Biological Assessment outline
- 23 • BLM and AECOM compiled occurrence information for the federally listed, proposed, and
24 candidate species and incorporated these data with the areas associated with the proposed
25 project facilities.

26 **7.3 Public Involvement**

27 NEPA requires full disclosure and open public participation in the federal decision making process,
28 including those projects proposed by non-federal proponents that require federal approval. There are two
29 key points during the development of an EIS when the general public is invited to participate in the
30 process: 1) during the scoping period, and 2) during the review period of the Draft EIS.

31 Refer to Section 1.6.1, Public Scoping, for information on the NOI publication, public scoping meetings
32 (including one public alternatives development meeting), and a summary of scoping issues. The BLM
33 continued to accept written comments throughout all stages of Project development. Summaries of both
34 written comments and those received at scoping meetings are included in the Scoping Report, and are
35 available online at the BLM webpage.

36 **7.4 List of Agencies, Organizations, and Persons to Whom the EIS was 37 Sent**

38 The following Tribes, agencies, and organizations/individuals received a copy of the Draft EIS or were
39 notified that the public Draft EIS was available for review and comment.

1 Federal Agencies:

- 2 • Bureau of Land Management
- 3 – Wyoming State Office – Cheyenne, Wyoming
- 4 – Casper Field Office – Casper, Wyoming
- 5 – Buffalo Field Office – Buffalo, Wyoming
- 6 • Federal Depository Library System – Washington, D.C.
- 7 • U.S. Forest Service
- 8 • MBRTB Douglas Ranger District – Douglas, Wyoming
- 9 • U.S. Environmental Protection Agency (USEPA), Region 8 – Denver, Colorado
- 10 • U.S. Fish and Wildlife Service (USFWS) – Cheyenne, Wyoming

11 State Agencies:

- 12 • University of Wyoming – Laramie, Wyoming
- 13 • Wyoming Department of Agriculture – Cheyenne, Wyoming
- 14 • Wyoming Department of Environmental Quality
- 15 – Water Quality Division – Cheyenne, Wyoming
- 16 • Wyoming Game and Fish Department
- 17 – Cheyenne, Wyoming
- 18 – Casper, Wyoming

19 Counties:

- 20 • Campbell Board of County Commissioners – Gillette, Wyoming
- 21 • Converse Board of County Commissioners
- 22 – Douglas, Wyoming
- 23 – Glenrock, Wyoming
- 24 • Converse County Conservation District – Douglas, Wyoming
- 25 • Converse County Sheriff's Office – Douglas, Wyoming
- 26 • Johnson Board of County Commissioners – Buffalo, Wyoming
- 27 • Natrona Board of County Commissioners
- 28 – Casper, Wyoming
- 29 – Lysite, Wyoming
- 30 • Niobrara Board of County Commissioners – Lusk, Wyoming
- 31 • Platte Board of County Commissioners – Wheatland, Wyoming

32 Municipalities:

- 33 • City of Casper
- 34 • City of Douglas

- 1 • Glenrock Fire Department
- 2 • Town of Evansville
- 3 – Town Clerk
- 4 – Police Department
- 5 – Fire Department
- 6 • Town of Lost Springs
- 7 • Town of Rolling Hills

8 Media:

- 9 • Casper Star Tribune – Casper, Wyoming
- 10 • Douglas Budget – Douglas, Wyoming
- 11 • KCWY TV – Mills, Wyoming
- 12 • KTWO TV – Casper, Wyoming
- 13 • The Casper Journal – Casper, Wyoming
- 14 • Wyoming Business Report – Douglas, Wyoming

15 Libraries:

- 16 • Converse County Library
- 17 – Douglas, Wyoming
- 18 – Glenrock, Wyoming
- 19 • Natrona County Public Library – Casper, Wyoming
- 20 • Campbell County Public Library – Gillette, Wyoming

21 Elected Officials:

- 22 • U.S. Senator John Barrasso
- 23 – Washington, D.C.
- 24 – Cheyenne, Wyoming
- 25 – Casper, Wyoming
- 26 • U.S. Senator Michael Enzi
- 27 – Washington, D.C.
- 28 – Cheyenne, Wyoming
- 29 – Casper, Wyoming
- 30 • U.S. Representative Liz Cheney
- 31 – Washington, D.C.
- 32 – Cheyenne, Wyoming
- 33 – Casper, Wyoming

- 1 • Governor Matt Mead – Cheyenne, Wyoming
- 2 • Wyoming State Representative Dan Kirkbride – Chugwater, Wyoming

3 Tribal Organizations:

- 4 • Cheyenne and Arapahoe Tribes
- 5 • Cheyenne River Sioux Tribe
- 6 • Crow Tribe
- 7 • Crow Creek Sioux Tribe
- 8 • Eastern Shoshone Tribe of the Wind River Reservation
- 9 • Fort Peck Assiniboine and Sioux Tribes
- 10 • Lower Brule Sioux Tribe
- 11 • Northern Arapaho Tribe
- 12 • Northern Cheyenne Tribe
- 13 • Oglala Sioux Tribe
- 14 • Rosebud Sioux Tribe
- 15 • Sisseton-Wahpeton Oyate Tribe
- 16 • Spirit Lake Tribe
- 17 • Standing Rock Sioux Tribe
- 18 • Yankton Sioux Tribe

19 Organizations:

- 20 • Alliance for Historic Wyoming – Laramie, Wyoming
- 21 • Center for Biological Diversity – San Francisco, California
- 22 • Converse Area New Development Organization – Douglas, Wyoming
- 23 • Environmental Defense Fund
 - 24 – Washington, D.C.
 - 25 – Santa Fe, New Mexico
 - 26 – Boulder, Colorado
- 27 • Petroleum Associates of Wyoming – Casper, Wyoming
- 28 • Powder River Basin Resource Council – Sheridan, Wyoming
- 29 • Rocky Mountain Elk Foundation – Missoula, Montana
- 30 • Santarella and Eckert, LLC – Littleton, Colorado
- 31 • Western Ranchers Alliance – Littleton, Colorado
- 32 • Western Watersheds Project – Thatcher, Arizona
- 33 • WildEarth Guardians – Laramie, Wyoming
- 34 • Wildlands Defense – Boise, Idaho
- 35 • Wyoming Outdoor Council

1 – Lander, Wyoming

2 – Logan, Utah

3 Industry/Business:

4 • 3 Bear Energy, LLC

5 • Anadarko Petroleum Corporation

6 – Casper, Wyoming

7 – Cheyenne, Wyoming

8 • ATCO Structures and Logistics – Littleton, Colorado

9 • Black Bison Water – Casper, Wyoming

10 • Boner Brothers Partnership – Douglas, Wyoming

11 • Cameron Surf – Casper, Wyoming

12 • Chesapeake Energy – Casper, Wyoming

13 • Cole Creek Sheep Company – Casper, Wyoming

14 • Devon Energy Corporation – Oklahoma City, Oklahoma

15 • DRU Consulting, LLC – Gillette, Wyoming

16 • EOG Resources - Denver

17 • E.R.S. – Wright, Wyoming

18 • Garrett Group International – Cheyenne, Wyoming

19 • Gene R. George and Associates, Inc. – Casper, Wyoming

20 • Goldspur – Nacona, Texas

21 • Greer Services Archeology – Casper, Wyoming

22 • Hayden-Wing Associates – Laramie, Wyoming

23 • Hell and Back Ranch – Douglas, Wyoming

24 • HB Rentals – Riverton, Wyoming

25 • Impact Natural Resources, LLC – Houston, Texas

26 • Jerry's Welding Service – Douglas, Wyoming

27 • Jona, Inc. – Casper, Wyoming

28 • Key Energy – Casper, Wyoming

29 • KCOE ISOM – Loveland, Colorado

30 • KLJ Engineering – Casper, Wyoming

31 • Leber Ranch - Douglas, Wyoming

32 • Lewis, Bess, Williams, and Weese P.C. – Denver, Colorado

33 • Manning Ranch – Lost Springs, Wyoming

34 • Melgaard Construction Company, Inc. – Gillette, Wyoming

35 • Midwest Industrial Supply, Inc. – Canton, Ohio

- 1 • Nachtman Land and Livestock – Douglas, Wyoming
- 2 • Nerd Gas Company, Ltd. – Casper, Wyoming
- 3 • Nicolaysen and Associates, P.C. – Casper, Wyoming
- 4 • Parkerton Ranch Inc. and Canyon Isle Holding – Casper, Wyoming
- 5 • Pathfinder Directional Driller
- 6 • Samson Resources – Denver, Colorado
- 7 • Shorteared Livestock and Water – Glenrock, Wyoming
- 8 • SM Energy – Denver
- 9 • Thunder Basin Grazing Association – Douglas, Wyoming
- 10 • Transworld System Petroleum – Denver, Colorado
- 11 • True Oil – Casper, Wyoming
- 12 • Upstream Petroleum Management/RKI – Englewood, Colorado
- 13 • Uranium One – Casper, Wyoming
- 14 • Walsh Environmental – Boulder, Colorado
- 15 • Warrior Energy Services Corporation – Casper, Wyoming
- 16 • Water System Drilling, Inc. – Gillette, Wyoming
- 17 • Western Ecosystems Technology, Inc. – Cheyenne, Wyoming
- 18 • Wild West Consulting – Glenrock, Wyoming
- 19 • WWC Engineering
 - 20 – Casper, Wyoming
 - 21 – Sheridan, Wyoming

22 Individuals:

- 23 • Ellis Adams – Rock Springs, Wyoming
- 24 • Ronnie Ades – Casper, Wyoming
- 25 • Matthew Allen – Gillette, Wyoming
- 26 • Gloria Ambrose – Glenrock, Wyoming
- 27 • Jim Anderson – Glenrock, Wyoming
- 28 • Pam Anderson – Glenrock, Wyoming
- 29 • Mr. Arnold – Glenrock, Wyoming
- 30 • Ronnie Azles – Casper, Wyoming
- 31 • Ed Bartow – Gillette, Wyoming
- 32 • Liz Batton – Douglas, Wyoming
- 33 • Rusty Baxter – Douglas, Wyoming
- 34 • Mark Berry – Douglas, Wyoming
- 35 • Karl Bischoff – Douglas, Wyoming

- 1 • Robert Brug – Sheridan, Wyoming
- 2 • Jeanette Buelt – Casper, Wyoming
- 3 • Sherman Callender – Gillette, Wyoming
- 4 • Kelly Carpenter – Casper, Wyoming
- 5 • Richard Carraz – Glenrock, Wyoming
- 6 • Jason Carter – Douglas, Wyoming
- 7 • Jan Cath – Gillette, Wyoming
- 8 • John Clark – Douglas, Wyoming
- 9 • Edith Cook
- 10 • Doug Cooper – Casper, Wyoming
- 11 • Frank and Leslie Eathan – Douglas, Wyoming
- 12 • Stuart Elclinth – Casper, Wyoming
- 13 • Dustin Erickson – Douglas, Wyoming
- 14 • Doug Farmer – Douglas, Wyoming
- 15 • Brian Fox
- 16 • Jon Garcia – Douglas, Wyoming
- 17 • Kevin and Nena Grilley – Glenrock, Wyoming
- 18 • Patty Grose – Glenrock, Wyoming
- 19 • Terry Henderson – Shawnee, Wyoming
- 20 • Kathleen Kilsdock – Douglas, Wyoming
- 21 • Jason Lillegraven – Laramie, Wyoming
- 22 • Tyler Miller – Gillette, Wyoming
- 23 • Petter and Kristi Mogen – Douglas, Wyoming
- 24 • Kristi Mogen – Sheridan, Wyoming
- 25 • Frank Moose – Douglas, Wyoming
- 26 • Kathy Moriarty
- 27 • Donita Munn – Gillette, Wyoming
- 28 • Sarah Oaberg – Douglas, Wyoming
- 29 • Kylin Petterson – Gillette, Wyoming
- 30 • Mark Rabenberg – Gillette, Wyoming
- 31 • Matt Redden – Douglas, Wyoming
- 32 • Lana Richardson – Glenrock, Wyoming
- 33 • Quentein Richardson
- 34 • Mark and Katherine Roberts – Douglas, Wyoming
- 35 • Jacob Roland – Casper, Wyoming
- 36 • Justin Rolison – Casper, Wyoming

- 1 • Kaleb Simpson – Douglas, Wyoming
- 2 • Ray Smith – Casper, Wyoming
- 3 • Todd Smith – Casper, Wyoming
- 4 • Dave St. John
- 5 • Orvie Stoneking – Glenrock, Wyoming
- 6 • Janice Switzer – Douglas, Wyoming
- 7 • Josh Taylor – Douglas, Wyoming
- 8 • Renee Taylor – Evansville, Wyoming
- 9 • David Walker and Sam Wahilomi – Douglas, Wyoming
- 10 • William Williamson – Gillette, Wyoming
- 11 • Timothy Wittenhaue – Douglas, Wyoming

12 **7.5 List of Preparers and Reviewers**

13 **Table 7.5-1** identifies BLM and USFS staff members on the EIS interdisciplinary team for the Project.

Table 7.5-1 BLM and USFS Interdisciplinary Team

Resource	BLM Staff	USFS Staff
NEPA Coordinator/Project Manager	Mike Robinson	Misty Hays
Air Quality and Climate Change	Charis Tuers	Misty Hays
Cultural Resources and Native American Concerns	Patrick Walker/Melissa Benner	Amanda Sanchez
Cultural and Historic Trails	Patrick Walker/Melissa Benner	Amanda Sanchez/Tani Randolff
Geology and Minerals	Matt Clark	Jim McKay
Hazardous Materials / Public Health and Safety	Art Terry	Jim McKay
Land Use	Jen Weber	Misty Hays
Lands and Realty	Jen Weber	Misty Hays
Noise	Shane Gray	Tim Byer
Paleontological Resources	Angela Bulla	Jim McKay
Range Resources	Dustin Burger	Geri Proctor / Moriah Shadwick
Recreation	Tammy Owens	Travis Rixford/Misty Hays
Socioeconomics and Environmental Justice	Jessica Montag	John Madden
Soils	Dustin Burger	Randy Tepler
Transportation and Access	Jen Weber	Ryan Nupen
Vegetation	Dustin Burger	Katie Haynes
Visual Resources	Tammy Owens	Jeff Tupala
Water Resources	Shane Evans	David Gloss
Wildlife - Terrestrial	Shane Gray	Tim Byer
Wildlife – Aquatic	Shane Gray	Bill Baer

- 1 AECOM is the third-party environmental contractor responsible for preparing the EIS under the direction
 2 of the BLM. The responsibilities and education of the individual team members are summarized in
 3 **Table 7.5-2.**

Table 7.5-2 Preparers/Reviewers for AECOM and Subcontractors

Name / Affiliation	Education	Responsibility
Scott Ellis AECOM	B.A. Biology and English, 1971, Cornell University	Senior Project Advisor, NEPA Process Advisor, Review
Dan Gregory AECOM	M.S. Geology, 1982, Colorado State University B.A. Geology, 1974, Colorado College	Project Manager, Project Description, Alternatives, Mitigation, Review
Molly Giere AECOM	M.B.A. Business Administration, 2002, University of Dayton B.S. Biology, 1988, The Ohio State University	Assistant Project Manager, Project Description, Alternatives, Cumulative, Review
Chris Dunne AECOM	B.S., Natural Resource Management, 2007, Colorado State University	Project Coordinator, Project Description, Alternatives, Range Resources, Mitigation
Matt Petersen AECOM	M.S. Aquatic Ecology, 1996 Utah State University B.S. Fisheries, 1990 Texas A&M University	Alternatives Development, NEPA Advisor
Courtney Taylor AECOM	M.S. Atmospheric Science, 2006, Colorado State University B.A. Environment, Economics, and Politics, 2000, Claremont McKenna College	Senior Air Quality, Climate, and Regional Photochemical Modeling Lead
Marco Rodriguez AECOM	PhD Mechanical and Aerospace Engineering, 2004, University of California Irvine M.S. Mechanical and Aerospace Engineering, 2001, University of California Irvine B.S. Physics, 1997, Universidad Autonoma Metropolitana-Iztapalapa	Regional Photochemical Modeling
Caitlin Shaw AECOM	M.S. Atmospheric Science, 2009, University of Nebraska B.S. Meteorology, 2006, Valparaiso University	Regional Photochemical Modeling
Dustin Rapp AECOM	M.S. Atmospheric Science, 2007, Colorado State University B.S. Physics, 2004, Union University, Jackson, TN	Air Quality and Climate
Rebecca Schwendler PaleoWest Archeology	Ph.D. Anthropology, 2004, University of New Mexico M.A. Anthropology, 1997, University of New Mexico B.A. Sociocultural Anthropology, 1993, Tufts University	Cultural Resources, Historic Trails, and Native American Concerns
Bill Berg AECOM	M.S., Geology, 1980, University of Wyoming B.S., Geology, 1976, Colorado State University	Geology and Minerals, Hazardous Materials/Solid Waste, Public Health and Safety, Paleontological Resources, Groundwater
Steve Graber AECOM	B.S., Natural Resource Management, 2002, Colorado State University B.A., Economics, 2002, Colorado State University	Public Health and Safety, Land Use, Lands and Realty, Noise, Recreation, Transportation and Access
Ron Dutton Sammons/Dutton, LLC	M.S. Economics, 1976, University of Wyoming B.S. Economics, 1974, University of Wyoming	Socioeconomics and Environmental Justice

Table 7.5-2 Preparers/Reviewers for AECOM and Subcontractors

Name / Affiliation	Education	Responsibility
George Blankenship Blankenship Consulting	Master of Urban & Regional Planning, 1980, University of Colorado B.A. Social Work, 1978, Colorado State University B.A. Anthropology, 1970, University of Nebraska	Socioeconomics and Environmental Justice
Terra Mascarenas AECOM	B.S., Soil and Crop Science, 1997, Concentration in Environmental Science, Colorado State University	Soils
Amy Gilboy AECOM	M.S. Resource Ecology and Management, 2003, University of Michigan B.S. Biology, 1997, Florida State University	Vegetation, Special Status Plants, Wetlands/Riparian Areas
Merlyn Paulson AECOM	M.L.A. II Landscape Architecture and Geographic Information Systems, 1975, Harvard University B.L.A. Landscape Architecture and Environmental Planning, 1972, Utah State University	Visual Resources
David Fetter AECOM	B.S., Watershed Science, 2004, Colorado State University	Surface Water, Water of the U.S.
Ken Fantone AECOM	M.S. Geology, 1983, South Dakota School of Mines & Technology B.S. Geological Sciences, 1977, Pennsylvania State University	Groundwater Modeling
Patti Lorenz AECOM	B.S., Wildlife, 2002, Colorado State University	Terrestrial Wildlife. Special Status Wildlife
Julie Capp AECOM	B.S. Wildlife Biology, 1981, Colorado State University	Migratory Birds
Rollin Daggett AECOM	M.S. Freshwater and Marine Biology, 1973, Memorial University of Newfoundland B.S. Zoology, 1971, College of Environmental Sciences at Syracuse University	Aquatic Biological Resources, Special Status Aquatic Biological Resources
Janet Guinn AECOM	B.S. Psychology/Anthropology, 1984, University of Pittsburgh	Public Participation
Ben Tracy AECOM	B.A. Humanities, 2002, Arizona State University B.S. Natural Resources, Minor in GIS, 2013, Colorado State University	GIS, Qualitative Analysis
Steve Ensley AECOM	B.S. Environmental Conservation, 2004, Northern Michigan University	GIS
Sue Coughenour AECOM	General Education, Western Illinois University	Document Production

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