

**CHAPTER 5. CONSULTATION AND COORDINATION**

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## **CHAPTER 5 CONSULTATION AND COORDINATION**

Council on Environmental Quality regulations implementing NEPA require that federal agencies provide meaningful opportunities to the public and stakeholders to provide input and identify their concerns during an EIS process. Federal laws such as the ESA, the CWA, and the NHPA mandate public involvement and consultation with agencies or federally recognized tribal governments.

This chapter documents the specific consultation and coordination efforts undertaken by the BLM throughout the entire process of developing the *Alton Coal Tract LBA Draft EIS*. It also includes a list of agencies and individuals on the document distribution list.

### **5.1 Public Notice and Involvement**

#### **5.1.1 Notice of Intent and Public Scoping**

The public scoping process was initiated on November 28, 2006 when the BLM published a NOI to prepare an EIS to offer the Alton Coal Tract (tract) for competitive leasing. Pursuant to NEPA requirements, public scoping meetings were advertised in a variety of formats, at least two weeks prior to their scheduled dates (Table 5.1). In each format, the advertisements provided logistics, explained the purpose of the public meetings, gave the schedule for the public comment (scoping) period, outlined additional ways to comment, and provided methods of obtaining additional information.

**Table 5.1.** Meeting Advertisement Locations

Publicity Item	Venue			
NOI	<i>Federal Register</i>			
Fliers/Posters	Posted in the following communities in the given locations a week before the scheduled meetings:			
	<table border="0"> <tr> <td style="vertical-align: top;"> <p><b>Cedar City</b> Post office Library Walmart</p> <p><b>Kanab</b> Post office Library County offices BLM-KFO Grand Staircase-Escalante National Monument headquarters Grand Staircase-Escalante National Monument visitors' center in Kanab</p> </td> <td style="vertical-align: top;"> <p><b>Mt. Carmel</b> Thunderbird Inn/ Restaurant Kane County Mobile Library</p> <p><b>Orderville</b> Post office Grocery store</p> <p><b>Glendale</b> Post office</p> <p><b>Hatch</b> Restaurant/resort</p> </td> <td style="vertical-align: top;"> <p><b>Panguitch</b> Ace Hardware Chevron station City Hall County Courthouse County Clerk Conoco station Dixie National Forest Ranger Station Garfield Memorial Healthcare Foundation Thrift Shop Ice cream parlor Library Main Street Market NAPA auto parts store Post office Sinclair Station State liquor store Cowboy Corner C Stop Pizza Country Corner I Ice cream shop</p> </td> </tr> </table>	<p><b>Cedar City</b> Post office Library Walmart</p> <p><b>Kanab</b> Post office Library County offices BLM-KFO Grand Staircase-Escalante National Monument headquarters Grand Staircase-Escalante National Monument visitors' center in Kanab</p>	<p><b>Mt. Carmel</b> Thunderbird Inn/ Restaurant Kane County Mobile Library</p> <p><b>Orderville</b> Post office Grocery store</p> <p><b>Glendale</b> Post office</p> <p><b>Hatch</b> Restaurant/resort</p>	<p><b>Panguitch</b> Ace Hardware Chevron station City Hall County Courthouse County Clerk Conoco station Dixie National Forest Ranger Station Garfield Memorial Healthcare Foundation Thrift Shop Ice cream parlor Library Main Street Market NAPA auto parts store Post office Sinclair Station State liquor store Cowboy Corner C Stop Pizza Country Corner I Ice cream shop</p>
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Press Release	<table border="0"> <tr> <td style="vertical-align: top;"> <p><b>Newspaper</b> Deseret News Garfield County Insider Salt Lake Tribune Southern Utah News Spectrum</p> </td> <td style="vertical-align: top;"> <p><b>Television</b> KSL-TV Channel 5 KUTV Channel 2 KTVX Channel 4 KSTU Channel 13</p> </td> <td style="vertical-align: top;"> <p><b>Radio</b> KXAZ 93.3 FM KPGE 1340 AM</p> </td> </tr> </table>	<p><b>Newspaper</b> Deseret News Garfield County Insider Salt Lake Tribune Southern Utah News Spectrum</p>	<p><b>Television</b> KSL-TV Channel 5 KUTV Channel 2 KTVX Channel 4 KSTU Channel 13</p>	<p><b>Radio</b> KXAZ 93.3 FM KPGE 1340 AM</p>
<p><b>Newspaper</b> Deseret News Garfield County Insider Salt Lake Tribune Southern Utah News Spectrum</p>	<p><b>Television</b> KSL-TV Channel 5 KUTV Channel 2 KTVX Channel 4 KSTU Channel 13</p>	<p><b>Radio</b> KXAZ 93.3 FM KPGE 1340 AM</p>		

Five public scoping meetings were held at various locations and dates (Table 5.2). Each meeting was conducted in an open-house format with BLM and ACD personnel present to answer questions and provide information. Other resources available at the public scoping meetings included informational display boards, one video explaining the conceptual mining and reclamation sequence, one video explaining a potential transportation route including truck details, and comment forms on which to submit comments at the meetings. Informational display boards and comment forms are available in the *Alton Coal Tract LBA EIS Public Scoping Report* (SWCA 2007b) prepared following completion of the scoping process. Copies of the videos are available at the BLM-KFO. The 90-day scoping period closed on February 26, 2007.

**Table 5.2.** Public Scoping Meeting Dates, Times, and Locations

Date	Time	City	Address
January 30, 2007	5:00–8:00 pm	Alton	Alton Town Hall 11 South 100 West, Alton, Utah 84710
January 31, 2007	5:00–8:00 pm	Kanab	Kanab City Library 374 North Main Street, Kanab, Utah 84741
February 1, 2007	5:00–8:00 pm	Panguitch	Triple C Arena 50 East 900 North, Panguitch, Utah 84759
February 6, 2007	5:00–8:00 pm	Cedar City	Cedar City Library 303 North 100 East, Cedar City, Utah 84720
February 7, 2007	5:00–8:00 pm	Salt Lake City	Salt Lake City Public Library 210 East 400 South, Salt Lake City, Utah 84111

Opportunities for public comment during the public scoping period consisted of the following:

- Public scoping meeting attendees could write comments on pre-addressed comment forms and submit them at the meeting (or mail at a later date).
- Emails could be sent to a dedicated email address: [UT\\_Kanab\\_Altoncoal@blm.gov](mailto:UT_Kanab_Altoncoal@blm.gov).
- Public letters could be mailed to BLM-KFO, Attention: Keith Rigtrup, 318 North 100 East, Kanab, Utah 84741.
- Public letters could be faxed to Keith Rigtrup at 435-644-4620.

At the end of the public scoping period, 7,788 responses were received. The bulk of these (7,352) were form letters received by email. The remainder were unique emails (167), email form letters with additional text (178), and letters received by mail, fax, or at scoping meetings (91). For a complete listing of responses received and descriptions of the scoping comment analysis process and scoping comments received, a copy of the *Alton Coal Tract LBA EIS Public Scoping Report* (SWCA 2007b) SWCA 2007b is available at the BLM-KFO and the BLM Utah State Office as well as online at the BLM's website.

### 5.1.1.1 COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT STATEMENT

Concurrent with publication and release of the Draft EIS, the EPA and BLM each publish a Notice of Availability (NOA) for the Draft EIS in the *Federal Register*. The BLM NOA also includes a Notice of Public Hearing on the Maximum Economic Recovery and Fair Market Value associated with the proposed lease sale pursuant to 43 CFR 3425.4. This public hearing will occur in Cedar City, Utah. Public meetings on the Draft EIS are scheduled to occur in Alton, Kanab, Panguitch, Cedar City, and Salt Lake City, Utah. The comment period on the Draft EIS is 60 days.

Following the comment period on the Draft EIS, the Final EIS will be prepared. Comments received on the Draft EIS will be included in the Final EIS. Parties on the distribution list will be sent copies of the Final EIS when it is completed, and the EPA and BLM will each publish an NOA for the Final EIS. After a 30-day availability period, the BLM will make a decision to hold or not to hold a competitive lease sale for the federal coal in the tract, and a ROD for the tract will be issued. If the decision is to hold a competitive lease sale, the BLM will also decide what special lease stipulations to attach to the lease. Copies of the ROD will be mailed to parties on the mailing list and others who commented during the NEPA process. There will be a 30-day appeal period after the ROD is signed but before the ROD is implemented.

## 5.2 Section 106 and Government-to-government Consultations

The BLM is engaged in Section 106 and formal government-to-government consultation with several parties with interest in the tract.

Consultation for tribal cultural resources is required under Section 106 of the NHPA. Historic properties under the NHPA are properties that are included in the NRHP or that meet the criteria for inclusion on the NRHP. Section 106 of the NHPA requires a federal agency, upon determining that activities under its control could affect historic properties, consult with the appropriate state historic preservation officer (SHPO) and tribal historic preservation officer. Under NEPA, any impacts to tribal, cultural, or other treaty resources must be analyzed and mitigated. Section 106 of the NHPA requires that federal agencies consider the effects of their actions on cultural resources, following regulation in 36 CFR 800.

### 5.2.1 Section 106 Consultation

The BLM initiated Section 106 consultation with the SHPO in 2007 via email correspondence and telephone communication. An inventory report (Report U-05-1568-b, p) for private and BLM lands was provided to SHPO on July 11, 2007. SHPO's reply on August 29, 2007, (via email) began the consultation process regarding the eligibility of sites for inclusion on the NRHP. Report U-07-BL-0969-b, a BLM cultural resources inventory report covering additional BLM lands was provided to SHPO on September 25, 2007. Following consultation with SHPO and a field meeting on October 23, 2007, concurrence on site eligibility was provided via email on November 16, 2007. The final version of report U-05-MQ-1568b.p. with all site eligibility determinations agreed upon by the BLM and SHPO was provided January 9, 2008. A separate cultural resources inventory and report (Report U-05-MQ-0346-p), related only to the Coal Hollow Mine, was completed and submitted to SHPO on March 10, 2006. The BLM reviewed this report but otherwise had no involvement in its production or submittal to SHPO, because no BLM-managed surface or sub-surface is present in this area. The BLM has no record of the SHPO's reply to this report. An additional private land report (Report U-08-MQ-0539) was provided to SHPO that also does not apply to the BLM action, and there is no BLM record of the SHPO's reply in this case either. The BLM understands that the Coal Hollow Mine and the Alton Coal Tract leasing process are related activities (though not connected actions under NEPA), and because they are related, each would best be served by the development of a combined CRMP. This CRMP would be implemented in a phased process, beginning with immediate impacts to cultural resources on private lands (Coal Hollow Mine), and including as subsequent phases any data recovery that would be conducted should a federal action proceed (see discussion below of the CRMP).

The Class III cultural resource surveys that were conducted resulted in the documentation of 113 cultural resources, consisting of five historic sites, six multi-component prehistoric/historic sites, and 102 prehistoric sites. Of these, 92 have been determined to be eligible for the NRHP.

The CRMP introduced above was developed in coordination with BLM, SHPO, OSM, and ACD to provide a systematic approach to the management of sites located in the federal tract and the private tract. The plan consists of three phases:

1. A data recovery plan for seven archaeological sites that will be impacted by the Coal Hollow Mine, located entirely on private land.
2. Archaeological testing of eligible sites located within the Alton Coal Tract, to be conducted if the tract is leased.

3. Mitigation of the archaeological sites determined most likely to provide the necessary information for addressing the overarching research design and questions.

The data recovery and research from Phase I will serve to inform subsequent phases of research through the collection of data regarding geomorphology, site depositional processes, depositional preservation, and erosional processes.

## 5.2.2 Government-to-government Consultation

In August 2005, the BLM sent tribal consultation letters to the tribes list in Table 5.3. Of these, the Hopi, Zuni, and Paiute Indian Tribe of Utah have responded in writing to date. They requested copies of the cultural resources survey reports and indicated that they will continue formal consultation if any prehistoric cultural resources would be adversely affected by mining on the tract. As part of the government-to-government consultation process, the BLM also conducted a field visit with the Kaibab Band of Paiute Indians.

The BLM is currently waiting for development of Phase II of the CRMP before resuming formal consultation with the tribes.

**Table 5.3.** Tribes Receiving Tribal Consultation Letters

Cedar Band of Paiutes	Navajo Nation – Cameron Chapter	Navajo Nation – Olijato Chapter
Hopi Tribe	Navajo Nation – Coalmine Canyon Chapter	Navajo Nation – Tuba City Chapter
Indian Peak Band of Paiutes	Navajo Nation – Coppermine Chapter	Navajo Nation – Window Rock, AZ
Kaibab-Paiute Tribe	Navajo Nation – Historic Preservation Department	Paiute Tribes of Utah
Kanosh Band of Paiutes	Navajo Nation – Ka beto Chapter	Pueblo of Zuni
Koosharem Band of Paiutes	Navajo Nation – Lechee Chapter	San Juan Southern Paiute
Navajo Nation – Bodaway/Gap Chapter	Navajo Nation – Navajo Mountain Chapter	Shivwits Band of Paiutes
		Ute Cultural Rights and Preservation

## 5.3 Agency Coordination/Consultation

### 5.3.1 U.S. Fish and Wildlife Service

Section 7 of the ESA requires federal agencies to ensure that their actions do not jeopardize the continued existence of threatened or endangered species or result in the destruction of their designated critical habitat. It also requires consultation with the USFWS in making that determination.

The BLM has initiated consultation with the USFWS via informal email correspondence and teleconference meetings. The BLM obtained from the Utah Ecological Services Field Office of the USFWS a list of endangered or threatened species (or species proposed for listing) that may occur on the tract or that may be affected by mining on the tract. The BLM is currently preparing a biological assessment (BA) to determine if the development and/or operation of the tract would have any effects on those species. Additional information with respect to the evaluation of potential impacts to endangered or threatened species is contained in Appendix F.

### **5.3.2 U.S. Army Corps of Engineers**

The USACE contacted the BLM in September 2009 to express their interest in the Alton Coal Tract LBA. The USACE was invited to participate in bi-weekly teleconferences with the BLM and cooperating agencies. In the event that the tract is offered for competitive leasing, the successful bidder would likely require a permit(s) from the USACE.

### **5.3.3 Cooperating Agency Involvement**

In fall 2006, the BLM invited the OSM to participate in the EIS process as a cooperating agency. Following the scoping process, cooperating agency status was also extended to the State of Utah (including its agencies). All cooperating agencies had the opportunity to review the analysis in this EIS prior to its publication.

### **5.3.4 Other Agency Coordination/Consultation Efforts**

#### **5.3.4.1 AIR RESOURCES STAKEHOLDER GROUP**

In November 2008 the BLM created an Air Resources Stakeholder Group. This group comprises participants from the EPA, OSM, State of Utah (DOGM; State Attorney General's Office; and Public Lands Policy Coordination Office), NPS, ACD (including its contractors), and the BLM. Third-party contractor representatives also participated in the stakeholder group as the analysis team. The stakeholder group provided input to the development of the air resources analysis protocol that was used as the basis for the emissions inventory and the analysis of potential air resources impacts. Section 4.3 contains the results of the analysis. The technical support document, which provides additional details on methodologies and results, can be found in Appendix K. Table 5.3 provides a listing of cooperators, contributors, and reviewers from federal, state, and local agencies. This list includes participants in the Air Resources Stakeholder Group.

#### **5.3.4.2 NIGHT SKY IMPACT ASSESSMENT**

In September 2008 the BLM engaged the NPS Night Sky Program Manager, Chad Moore, to assist with the impact analysis for night sky. A night sky analysis contractor, Dark Sky Partners (an LLC-based in Arizona), was also engaged in this process as a subconsultant to the BLM's third-party contractor (SWCA). Together, the BLM, NPS, ACD, Dark Sky Partners, and SWCA agreed on the impact analysis approach, including observation points and model inputs. The impact analysis was evaluated by NPS, and the results are reported in Section 4.2. Additional detail on the night sky impact analysis is provided in Appendix I.

## **5.4 Department of Justice Consultation**

If the BLM decision is to hold a competitive lease sale for the federal coal in the tract after the competitive coal lease sale but prior to issuance of a lease, the BLM will solicit the opinion of the DOJ on whether the planned lease issuance creates a situation inconsistent with federal anti-trust laws. The DOJ is allowed 30 days to make this determination. If the DOJ has not responded in writing within the 30-day period, the BLM can proceed with issuance of the lease.

## 5.5 List of Preparers

This EIS was prepared by SWCA, a third-party contractor, under the direction of the BLM. Representatives from cooperating and contributing agencies also prepared, reviewed, and contributed to the EIS. Table 5.4 provides a listing of cooperators, contributors, and reviewers from federal, state, and local agencies. Table 5.5 provides a listing of BLM personnel who prepared, reviewed, and contributed to this EIS. Table 5.6 provides a listing of the third-party contractor personnel, including subcontractors, who prepared, reviewed, and contributed to this EIS. Table 5.7 provides a listing of other contractors who conducted field studies, authored reports, and/or reviewed sections of the EIS.

**Table 5.4.** Cooperators, Contributors, and Reviewers from Federal, State, and Local Agencies

<b>Name</b>	<b>Organization/Entity</b>	<b>Project Responsibility</b>
Burton, Priscilla	DOGM	Document review, Air Resources Stakeholder Group
Distler, Ken	EPA	Air Resources Stakeholder Group
Furhmann, Kelly	Bryce Canyon National Park	Air Resources Stakeholder Group
Golden, Kevin	EPA	Air Resources Stakeholder Group
Haas, Sarah	Bryce Canyon National Park	Air Resources Stakeholder Group
Hanley, James	EPA	Air Resources Stakeholder Group
Harja, John	Utah Public Lands Policy Coordination Office	Air Resources Stakeholder Group
Holland, James	Grand Staircase-Escalante National Monument	Document review
Kirby, Foster	OSM	EIS project coordinator; document review
Legg, Kristin	Zion National Park	Air Resources Stakeholder Group
Moore, Chad	NPS Night Sky Team	Night sky analysis preparation and review
Nielsen, Kezia	Zion National Park	Air Resources Stakeholder Group
Notar, John	NPS-Air Quality Team	Air Resources Stakeholder Group
Payne, Val	Utah Public Lands Policy Coordination Office	EIS coordinator
Pranger, Hal	OSM	Document review
Rathbun, Richard	State of Utah, Attorney General's Office	Air Resources Stakeholder Group
Schrage, Laura	Bryce Canyon National Park	Air Resources Stakeholder Group
Sharrow, Dave	Zion National Park	Air Resources Stakeholder Group
Stacey, Andrea	NPS-Air Quality Team	Air Resources Stakeholder Group
White, Susan	DOGM	Document review

**Table 5.5.** BLM Personnel Who Prepared, Reviewed, and Contributed to this Environmental Impact Statement

<b>Name</b>	<b>Title, Education</b>	<b>Project Responsibility</b>
Alberts, Dan	GIS Analyst	GIS Analysis and Mapping
Barber, Harry	KFO Field Manager; B.S., Wildlife Range Science; M.S., Wildlife	Air Resources Stakeholder Group
Beckstrand, Randy	Utah State Office; B.S., Range Science	EIS review
Bryant, Lisa	Utah State Office; B.S., General Agriculture; M.S., Social Science	EIS review; Air Resources Stakeholder Group
Caplan, Susan	BLM National Operations Center, Air Quality; B.S., Meteorology and Mathematics; M.S., Air Resource Management	Air Resources Stakeholder Group
Christensen, Tom	Outdoor Recreation Planner; B.S., Forestry; M.S., Forest Recreation	Recreation; aesthetic resources (visual, noise, night sky)
Church, Lisa	Wildlife Biologist; B.S., Wildlife; B.S., Fisheries Ecology	Threatened, endangered or candidate wildlife species; wetlands/riparian zones; fish and wildlife
Glasson, Mike	Price Field Office Coal Group;	Recoverable coal estimates
Gubler, Carson	Range Specialist; B.S., Biology/Botany	Air quality; floodplains; invasive, non-native species; threatened, endangered or candidate plant species; water quality (drinking/ground); rangeland health standards and guidelines; fuels/fire management
Herr, Leonard	Utah State Office Air Quality Specialist; B.S., Natural Resources	Air Resources Stakeholder Group
McKenzie, Jeff	Utah State Office Solid Minerals Group; M.B.A., Finance; B.S., Mining Engineering	EIS Review; Air Resources Stakeholder Group
Nicholls, Craig	BLM National Operations Center, Air Quality;	Air Resources Stakeholder Group
Perkes, Stan	Utah State Office Solid Minerals Group; B.S., Mining Engineering	EIS review
Pope, Dennis	KFO Assistant Field Manager (Retired)	EIS review; Air Resources Stakeholder Group
Powell, J. Doug	Geologist; B.S., Geology; Graduate Certificate-Hazardous Waste Control	Wastes (hazardous or solid); geology/mineral resources
Reese, John	Range Specialist; B.S., Rangeland Resources	Livestock grazing woodland/forestry; vegetation; soils
Rigtrup, Keith	Color Country District Office Environmental Coordinator; B.A., Economics	EIS project manager; environmental justice; socioeconomics; Air Resources Stakeholder Group
Thayne, Greg	Utah State Office NEPA Coordinator (Retired);	EIS review
Titus, Alan	Paleontologist; B.S., Geology; M.S., Geology; Ph.D., Geology	Paleontology
Wolfe, Hugh	Realty Specialist;	Lands and access
Zweifel, Matt	Archaeologist; B.S., Anthropology; M.A., Archeology	Cultural Resources; Native American religious concerns; Section 106 consultation; government-to-government consultation

**Table 5.6.** Third-party Contractor Personnel, including Subcontractors, who Prepared, Reviewed, and Contributed to this Environmental Impact Statement

<b>Name</b>	<b>Title, Education/Experience</b>	<b>Project Responsibility</b>
<b>SWCA</b>		
Bollong, Chuck	Ph.D., Anthropology; M.A., Anthropology; M.A., Archaeology; B.A., Archaeology; 25 years of experience	Cultural resources
Cannon, M ke	Ph.D., Anthropology; M.A., Anthropology; B.A., Anthropology; B.A., English; 15 years of experience	Cultural resources
Childs, Amanda	B.S., Environmental Studies; 13 years of experience	Document review and preparation
Christensen, John	M.S., Geology; B.S., Geology; 28 years of experience	Water resources
Gaddis, Benjamin	M.E.M., Water Resources; B.S., Environmental Science; 9 years of experience	Project management; public involvement; report preparation and review; EIS preparation and review; Air Resources Stakeholder Group
Gaddis, Erica	Ph.D., Natural Resources; M.S., Environmental Science and Policy; B.S., Biology and Environmental Science; 9 years of experience	Water resources
Guinn, Janet	B.S., Psychology and Anthropology; 9 years of experience	Hazardous materials, fire management, public involvement
Hornbeck, Hope	B.A., Environmental Biology; M.S., Plant Biology; 10 years of experience	Vegetation and special status species; wildlife and special status species; soils
Hornung, Elisha	B.S., Environmental Studies; 9 years of experience	Livestock grazing; land use and access; hazardous materials; paleontology; fire management; public involvement
Knox, Steve	B.S., Watershed Management; 34 years of experience	Document review and report preparation; Air Resources Stakeholder Group
Larson, Greg	B.A., Geography; M.S., Watershed Science	Water resources; soils
Leslie, Steve	B.S., Natural Resource Management; 11 years of experience	Aesthetic resources; transportation
Lombardi, Kathy	B.S., Environmental Engineering; M.S., Civil and Environmental Engineering; 17 years of experience	Document review and public scoping
McCulley, Audrey	B.S., Biology; 6 years experience	Wildlife and vegetation field studies and reporting
Morrow, Dave	B.A., Environmental Studies; 22 years of experience	Air resources; Noise
Nelson, Megan	B.A., English; 2 years experience	Administrative record; document formatting and production; glossary; references
Pecorelli, John	B.S., Journalism; B.S., Physical Anthropology; 15 years of experience	Technical editing
Reber, Deb	B.S., Natural Resource Management; 15 years of experience	Soils
Reinhart, Dave	B.A., Anthropology; 9 years of experience	GIS analysis
Sharp, Thomas	B.S., Biology; M.S., Biology; 15 years of experience	Wildlife and vegetation field studies and reporting
Stutz, Allen	B.S., Biology/Ecology; B.S., Zoology; 2 years of experience	GIS analysis
Summerhays, Jan	B.A., Environmental Studies; 3 years of experience	Vegetation and special status species, fire management

**Table 5.6.** Third-party Contractor Personnel, including Subcontractors, who Prepared, Reviewed, and Contributed to this Environmental Impact Statement

Tucker Burfitt, Linda	B.A., Media Communications; A.F., Forestry, A.S.; Ecosystem Management; 8 years of experience	Formatting, technical editing, publishing
Vernon, Laura	B.A., Psychology; M.P.A., Public Administration; 8 years of experience	Socioeconomics
Weekley, George	B.S., Plant and Soil Science; M.S., Forestry; 10 years of experience	Recreation
Wilmot, Sue	Ph.D., Human Dimensions of Ecosystem Science and Management; M.E.M., Water Resources; B.S., Biology; 9 years of experience	Soils; livestock grazing; transportation
<b>SUBCONTRACTORS FOR SWCA</b>		
<b>Marquez Environmental Services, Inc. (MESI)</b>		
Addison, Ted	(Addison Air Consulting subcontracting to MESI) M.S., Environmental Engineering; B.S., Meteorology; 20 years of experience	Air resources analysis
Dismukes, Jerry	(Cornerstone Environmental subcontracting to MESI) M.S., Atmospheric Sciences; B.S., Atmospheric Sciences; 10 years of experience	Air resources analysis
Marquez, Lori	M.S., Environmental Sciences; B.S., Electrical Engineering; 15 years of experience	Air resources analysis
Zimmer, Robert	B.S., Mathematics; 30 years of experience	Air resources analysis
<b>Dark Sky Partners, LLC (DSP)</b>		
Davis, Don	Ph.D., Physics; B.S., Physics; 43 years of experience	Night sky
Luginbuhl, Chris	B.S., Physics; 30 years of experience	Night sky
<b>Fehr and Peers Transportation Consultants (F&amp;P)</b>		
Nepstad, Jon	B.A., Liberal Arts; M.S., Urban Planning; 21 years of experience	Public involvement, report review
Stinger, Preston	B.S., Civil Engineering; 4 years of experience	Report preparation and review

**Table 5.7.** Other Contractors Who Conducted Field Studies, Authored Reports, and/or Reviewed Environmental Impact Statement Sections

Name	Education and Experience	Project Responsibility
Collins, Patrick (Mt. Nebo Scientific, Inc.)	Ph.D., Botany; B.A., M.S., Biology; 33 years of experience	Wildlife and vegetation field studies and report review, sandloving penstemon field studies and reporting, wetland field studies and reporting
Petersen, Erik (Petersen Hydrologic)	M.S., Hydrogeology; B.S., Geology; 19 years of experience	AVFs reconnaissance survey and reporting, water resources, and geology and minerals review
Johnson, Chris (JBR)	B.S., Meteorology; 30 years of experience	Air quality
Strom, Dave (JBR)	B.S., Meteorology; 10 years of experience	Air quality

## 5.6 Distribution

Pursuant to 40 CFR 1502.19, the BLM is circulating this Draft EIS to 1) agencies having jurisdiction by law or special expertise with respect to any environmental impact involved and any appropriate federal, state, or local agency authorized to develop and enforce environmental standards, 2) the applicant; and 3) any agencies, organizations, or individuals requesting a copy of the document.

The *Alton Coal Tract LBA Draft EIS* distribution list was developed from the stakeholder lists compiled prior to and during the scoping process and then supplemented throughout the planning process.

Table 5.8 lists the individuals that requested copies of the Draft EIS either in their public comments or on the sign-up sheet at the public meetings. Requests were made for a hardcopy, a CD, or both. Additionally, it is required that the Draft EIS be sent to certain agencies. Agencies (along with the appropriate individual, if known) who will receive copies of the Draft EIS are listed in Table 5.9. Finally, organizations and businesses (along with the appropriate individual) that will receive copies of the Draft EIS are listed in Table 5.10.

**Table 5.8.** List of Individuals Requesting Copies of the Draft Environmental Impact Statement

Gina Albright	Peggy Egan	Pat Henrie	Jay Pace
Arthur Andersen	Laura Fertig	Betsy Herrmann	Mark Page
Caralyn Avenido	Ed Firmage	Tracy Hiscock	Cindy Palmer
Charley No Last Name	John Flatberg	Gary Hodge	Dilbert Palmer
DeLynn Barton	Tom Forsythe	Catherine Ives	Mark Palmer
Robert Blackett	Jeff Frey	Co by Johnson	Roger Pugh
Erik Boron	Jan Frummond	Jim Johnson	John Ruple
Dale Brinkerhuff	Sam Ghosh	Brent Judd	Jeff Salt
Neal Brown	Allen Gilberl	Byard Kershaw	Vince Salvato
Dixie Brunnel	David Goldsmith	Jun Kim	Jake Schoppe
Bobbi Bryant	Melissa Goldsmith	Linda Kollander	John Scribner
Vane Campbell	John Goodell	Liz Kolle	James Sortomme
Jim Case	Mike Gorrell	Marilyn Larson	Dale Spencer
Randy Cearn	Susan Hand	Truman Lynd	Margaret Stewart
Cloyd Chamberlain	Mark Harnes	No First Name MacDonald	Monte Stewart
Sky Channey	Bert Harris	Luci Malin	Phyllis Stewart
Jason Childs	Mark Havnes	Lori Maximenko	Anne Stoenworth
Scott Christensen	Darol Heaton	Norma McKee	Patricia Swapp
Richard Costigan	Heam Heaton	Ryan Miller	Dan Thebean
Dave Cox	Julie Heaton	Gaylen Moore	John Veranth
Duke Cox	Kari Heaton	Marilee Murray	Laner Warky
Dustin Cox	Kevin Heaton	Terry Nelson	Jim Wells
Mel Cox	Leonard Heaton	Brian Nichols	Heather Wood
Paul Cox	Richard Heaton	Frank Nichols	Jim Wood
Trudy Decantu	Vaughn Heaton	Martin Nielson	Monica Wren
Joyel Dhieux	Wade Heaton	Ed Nobibins	Doug No Last Name
Wally Doddi	No First Name Heaton	Del Orme	Mark No Last Name
D. Meloy Dodds	Mary Helsley	Andy Osterhout	Mike No Last Name
Jerry Drummond	Allen Henrie	David Owens	Rich No Last Name

**Table 5.9.** List of Agencies and Officials (including individual, if known) that will receive copies of the Draft Environmental Impact Statement

DOGM Priscilla Burton	Utah Public Lands Policy Coordination Office Val Payne	Mayor of Panguitch Art Cooper	Bryce Canyon National Park Eddie Lopez
NPS, Bryce Canyon National Park Kristin Legg	City of Alton Mayor Claren Heaton	Utah Division of Wildlife Resources Teresa Bonzo	EPA Larry Svoboda
Office of the Governor John Harja			

**Table 5.10.** List of Organizations and Businesses (including individual, if known) that will receive copies of the Draft Environmental Impact Statement

Southern Utah Wilderness Alliance Steve Bloch	Garkane Energy Bryant Shakespear	Utah Mining Association David Litvin	National Parks Conservation Association David Nimkin
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