

FEDERAL ENERGY REGULATORY COMMISSION  
Washington, DC 20426

**DATE:** May 5, 2008

**MEMORANDUM TO:** The Agency/Party Addressed

**SUBJECT:** Scoping of environmental issues for the proposed Lake Powell Pipeline Project, FERC No. 12966, Utah and Arizona

The Federal Energy Regulatory Commission (Commission) is doing National Environmental Policy Act (NEPA) scoping for the proposed Lake Powell Pipeline Project and the anticipated license application for the Lake Powell Hydroelectric System FERC No. 12966 (Hydro System), a component of the water supply pipeline, located in Utah and Arizona.

The Utah Board of Natural Resources (Utah) filed its Notice of Intent and Pre-Application Document (PAD) for the Hydro System on March 4, 2008 and will use the Commission's Integrated Licensing Process (ILP) for the Hydro System licensing, and to prepare the environmental record needed by other federal agencies reviewing the project. Because the Hydro System is only one component of the proposed 180-mile-long water supply pipeline project, construction of substantial parts of the overall project will require permits from other federal agencies. Utah intends its PAD (and subsequent studies) to be used by all the agencies that would need to issue permits for the pipeline, developing a record that can be used to prepare a single environmental analysis document covering the entire water supply pipeline.

Pursuant to NEPA, we intend to prepare an environmental impact statement (EIS) for the entire Lake Powell Pipeline Project, in cooperation with other federal agencies, that would be used by the Commission to determine whether, and under what conditions, to issue an original hydropower license for the Hydro System and that would be used by other federal agencies for their decisions. To support and assist our environmental review, we are beginning the public scoping process to ensure that all pertinent issues are identified and analyzed.

We invite you to participate in the scoping process and are circulating the attached Scoping Document 1 (SD1) to provide you with information on the project and to ask for comments and suggestions on our preliminary list of issues and alternatives to be addressed in the EIS. Please review this SD1 and, if you wish to provide comments, follow the instructions included in section 5.0 *Request for Information*.

The Commission's regulations for the ILP require that parties wishing to submit comments on the PAD or staff's SD1, or wishing to request studies, do so within 60 days of the issuance date of SD1.<sup>1</sup>

As part of our scoping process and in an effort to identify issues, concerns, and opportunities associated with the proposed action, we will hold three scoping meetings on June 10, 11, and 12, 2008, to receive comments on the scope of the EIS. The public scoping meetings will be held at the Dixie Center, 1835 Convention Center Drive, St. George, Utah; Cedar City Festival Hall Conference Center, 105 North 100 East, Cedar City, Utah; and Kanab Middle School, 690 Cowboy Way, Kanab, Utah. More information on the meetings is available in the attached SD1.

A site visit is typically held in conjunction with the scoping meeting. The site visit for the projects is scheduled to take place on June 9 and June 10, 2008. The SD1 also has details on the site visit, including the person to contact if you are interested in attending.

Please direct any questions about the licensing of the Hydro System to Jim Fargo at (202) 502-6095, [james.fargo@ferc.gov](mailto:james.fargo@ferc.gov).

enclosure: Scoping Document 1

cc: Utah Board of Water Resources  
1594 W. North Temple  
P.O. Box 14620  
Salt Lake City, UT 84114-6201

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<sup>1</sup> CFR 18 Section 5.9 *Comments and information or study requests*

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**SCOPING DOCUMENT 1**

**LAKE POWELL PIPELINE PROJECT**

**FERC PROJECT No. 12966**

Federal Energy Regulatory Commission  
Office of Energy Projects  
Division of Hydropower Licensing  
Washington, DC

May 2008

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## TABLE OF CONTENTS

|  |           |
|--|-----------|
| <b>1.0 INTRODUCTION .....</b>  | <b>3</b>  |
| <b>2.0 SCOPING .....</b>   | <b>6</b>  |
| 2.1    PURPOSES OF SCOPING .....                                       | 6         |
| 2.2    COMMENTS AND SCOPING MEETINGS.....                              | 6         |
| <b>3.0    PROPOSED ACTION AND ALTERNATIVES.....</b>                    | <b>8</b>  |
| 3.1    UTAH’S PROPOSED ACTION.....                                     | 9         |
| 3.2    STAFF’S AND OTHER MODIFICATION OF THE PROPOSED ACTION .....     | 10        |
| 3.3    NO ACTION ALTERNATIVE .....                                     | 11        |
| <b>4.0    SCOPE OF CUMULATIVE ANALYSIS AND RESOURCE ISSUES .....</b>   | <b>11</b> |
| 4.1    CUMULATIVE EFFECTS .....  | 11        |
| 4.1.1 <i>Geographic Scope</i> .....                                    | 11        |
| 4.1.2 <i>Temporal Scope</i> .....                                      | 11        |
| 4.2 <b>LAKE POWELL PIPELINE PROJECT EFFECTS</b> .....                  | 12        |
| 4.2.1 <i>Geology and Soil Resources</i> .....                          | 12        |
| 4.2.2 <i>Water Resources</i> .....                                     | 12        |
| 4.2.3 <i>Aquatic Resources</i> .....                                   | 13        |
| 4.2.4 <i>Terrestrial Resources</i> .....                               | 14        |
| 4.2.5 <i>Threatened and Endangered Species</i> .....                   | 14        |
| 4.2.6 <i>Recreation</i> .....  | 15        |
| 4.2.7 <i>Aesthetics and Noise</i> .....                                | 16        |
| 4.2.8 <i>Archaeological and Historic Resources</i> .....               | 16        |
| 4.2.9 <i>Socioeconomic Resources</i> .....                             | 16        |
| 4.2.10 <i>Developmental Resources</i> .....                            | 16        |
| 4.3    PROPOSED PROTECTION, MITIGATION, AND ENHANCEMENT MEASURES ..... | 17        |
| <b>5.0 REQUEST FOR INFORMATION .....</b>                               | <b>17</b> |
| <b>6.0 EIS PREPARATION SCHEDULE.....</b>                               | <b>19</b> |
| <b>7.0 EIS OUTLINE .....</b>   | <b>19</b> |
| <b>8.0 LIST OF COMPREHENSIVE PLANS .....</b>                           | <b>21</b> |
| <b>9.0    INTERESTED PARTIES MAILING LIST .....</b>                    | <b>23</b> |

## 1.0 INTRODUCTION

The Federal Energy Regulatory Commission (Commission or FERC), under the authority of the Federal Power Act (FPA),<sup>2</sup> may issue licenses for up to 50 years for the construction, operation, and maintenance of non-federal hydroelectric projects. The Utah Board of Natural Resources (Utah) filed its Notice of Intent and Pre-Application Document (PAD) for the Lake Powell Hydroelectric System FERC No. 12966 (Hydro System) of the Lake Powell Pipeline Project on March 4, 2008 and will use the Commission's Integrated Licensing Process (ILP) for the project's licensing.

The National Environmental Policy Act of 1969 (NEPA),<sup>3</sup> the Commission's regulations, and other applicable laws require that we independently evaluate the environmental effects of the proposed project and reasonable alternatives. Based on a preliminary analysis of the issues, Commission staff is proposing to prepare an environmental impact statement (EIS) that describes and evaluates the probable effects, including an assessment of the cumulative effects, if any, of the proposed action and alternatives considered.

The Commission has jurisdiction with regard to the Hydro System. Because the Hydro System is only one component of the proposed 180-mile-long water supply pipeline project, construction of substantial parts of the overall project will require permits from other federal agencies. Utah intends its PAD (and subsequent studies) to be used by all the agencies that would need to issue permits for the pipeline, developing a record that can be used to prepare a single environmental analysis document covering the entire water supply pipeline. This scoping process will help the other federal agencies identify the pertinent issues that need to be analyzed in the EIS for the Lake Powell Pipeline Project.

To ensure cooperation among federal agencies that have jurisdiction with regards to the pipeline, the Commission intends to enter into a Memorandum of Understanding (MOU) with each of the agencies. This MOU would accomplish the following: (1) all of the federal agencies that need to authorize part of the pipeline project would be working

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<sup>2</sup>16 U.S.C. §791(a) -825(r).

<sup>3</sup>National Environmental Policy Act of 1969, as amended (Pub. L. 91-190. 42 U.S.C. 4321-4347, January 1, 1970, as amended by Pub. L. 94-52, July 3, 1975, Pub. L. 94-83, August 9, 1975, and Pub. L. 97-258, §4(b), Sept. 13, 1982).

together under a single process and (2) the scope of the environmental analysis can expand from the hydro system to include the entire pipeline project. We expect that the MOU's will be in place before we issue Scoping Document 2.

The proposed Lake Powell Pipeline, of which the Hydro System is a component, is both a water supply and power generation project that would include about 180 miles of underground pipe. The pipeline project would consist of four systems: 1) Water Intake System, 2) Water Conveyance System, 3) Hydro System, and 4) Cedar Valley Pipeline System. The Hydro System includes large diameter penstocks, seven powerhouses and regulating tanks, a forebay, pumped storage hydro facility, an afterbay, and associated power transmission facilities and equipment (See figure 1).

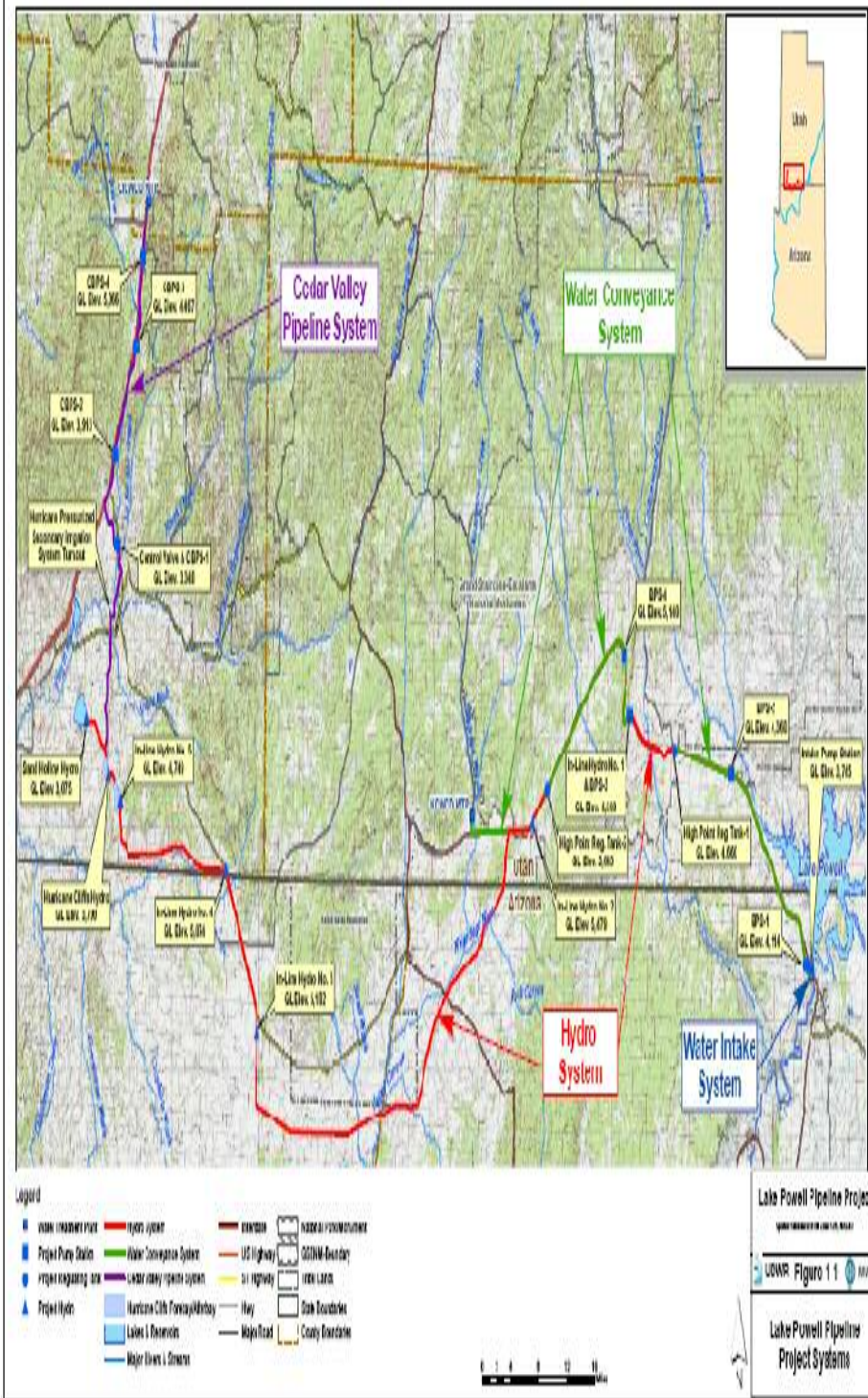


Figure 1—Proposed Lake Powell Pipeline

## 2.0 SCOPING

### 2.1 Purposes of Scoping

Scoping is the process used to identify issues, concerns, and opportunities associated with a proposed action. According to NEPA, scoping should be conducted early in the planning stage of a project. The purposes of scoping are as follows:

- invite federal, state, and local resource agencies, Indian tribes, nongovernmental organizations (NGOs), and interested persons to help us identify significant environmental and socioeconomic issues related to the proposed action;
- determine the depth of analysis and significance of issues to be addressed in the EIS;
- identify how the project would or would not contribute to cumulative impacts in the project area;
- identify reasonable alternatives to the proposed action that should be evaluated in the EIS;
- ask participants for information they have available on the resources at issue; and
- determine the resource areas and potential issues that do not require detailed analysis during review of the project.

### 2.2 Comments and Scoping Meetings

Between now and the time when the Commission and the other responsible federal agencies (federal agencies) take action on the Lake Powell pipeline, there will be the following opportunities to comment:

- During the public scoping process and study plan meetings, which occur prior to preparation of the EIS; so that the Commission staff and agencies can receive written comments regarding issues or the scope and content of studies



- In response to the Commission's notice that the project is ready for environmental analysis.
- After issuance of the draft EIS.

Besides the written comments we ask for in this SD1, Commission staff will hold three public scoping meetings in the vicinity of the projects. We invite all interested agencies, Indian tribes, NGOs, and individuals to attend one of the meetings to help staff identify the scope of environmental issues that should be analyzed in the EIS.

The times and locations of the scoping meetings are as follows:

|                          |                        |   |
|--------------------------|------------------------|---|
| Tuesday, June 10, 2008   | 5:00 p.m. to 9:00 p.m. | Kanab Middle School<br>690 Cowboy Way<br>Kanab, Utah                      |
| Wednesday, June 11, 2008 | 5:00 p.m. to 9:00 p.m. | Dixie Center<br>1835 Convention Center Drive<br>St. George, Utah          |
| Thursday, June 12, 2008  | 5:00 p.m. to 9:00 p.m. | Festival Hall Conference Center<br>105 North 100 East<br>Cedar City, Utah |

On June 9 & 10, 2008, Commission staff will visit the site of the proposed Lake Powell Pipeline. We will view the proposed pipeline route and possibly alternative routes that have been considered for the project. Staff will tour these proposed project areas by automobile and on foot. Representatives of the Utah Board of Natural Resources will accompany the Commission staff.

Interested parties may attend the site visit. Those planning to attend must provide their own transportation. If you are interested in attending the site visit, or would like more information about the visit, please contact Harold Sersland at (801)310-0089. Those attending the site visit on Monday, June 9, should meet at 8:00 a.m. at Sand Hollow Reservoir State Park entrance pay station (please bring your own food and water for the day). The plan on Monday is to tour Sand Hollow Hydro Site 7 and Hurricane Cliffs Hydro Sites 5 and 6, and then follow the proposed pipeline route until south of the Kaibab Indian Reservation, ending at about 5:00 p.m.

Those taking the site visit on Tuesday, June 10, should meet at 8:00 a.m. at the BLM Interpretive Center in east Kanab on U.S. 89, (again please bring own food and water for the day). The trip will start near the proposed Hydro Site 2 and end at Glen Canyon National Recreation Area at Lake Powell around 2:00 p.m.

A court reporter will be available at the scoping meetings to record statements, and all statements (oral and written) will become part of the Commission's public record for the project. Interested parties who choose not to speak or who are unable to attend any of the scoping meetings may provide written comments and information to the Commission as described in section 5.0. These meetings are posted on the Commission's calendar located on the internet at <http://www.ferc.gov/EventCalendar/EventsList.aspx> along with other related information.

Meeting participants should come prepared to discuss their issues and concerns as they pertain to the project. To prepare for the scoping meetings, we ask that participants review the Pre-Application Document (PAD). A copy of the PAD is available for review at the Commission in the Public Reference Room or may be viewed on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter the docket number, P-12966 to access the document. For assistance, contact FERC Online Support at [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov) or toll free at 1-866-208-3676, or for TTY, (202) 502-8659.

Following the scoping meetings and comment period, all issues raised will be reviewed and decisions will be made about the level of analysis needed. If preliminary analysis shows that any issues presented in this scoping document have little potential for causing significant effects, the issue(s) will be identified and the reasons for not providing a more detailed analysis will be given in Scoping Document 2.

The EIS will address the major issues identified during the scoping process.

### **3.0 PROPOSED ACTION AND ALTERNATIVES**

In accordance with NEPA, our environmental analysis will consider the following alternatives, at a minimum: (1) Utah's proposed action, (2) staff's and other modification of the proposed action, and (3) no action. Given our expectation that other federal agencies with permitting responsibilities will reply to our request for cooperating agency status, the scoping document describes the entire Lake Powell Pipeline and issues

associated with it. We want to make it clear, however, that the Commission only has jurisdiction over the part of the pipeline that pertains to the Hydro System.

### 3.1 Utah's Proposed Action

The proposed pipeline project consists of building and operating 139 miles of 69-inch-diameter pipeline and penstock; 35 miles of 48- to 30-inch-diameter pipeline; 6 miles of 24-inch-diameter pipeline; a combined conventional peaking and pumped storage hydro station; and six conventional in-line hydro stations on federal, state, and private lands in Kane, Washington, and Iron counties, Utah, and in Coconino and Mohave counties, Arizona.

Starting at Lake Powell, a water intake would convey water from the Bureau of Reclamation's Lake Powell up to a high point within the Grand Staircase-Escalante National Monument. From there, the water would go through a series of hydroelectric turbines, ending at Sand Hollow reservoir, near St. George, Utah. To serve Iron County, Utah proposes another pipeline, the Cedar Valley Pipeline System, from the Hurricane Cliffs afterbay reservoir to Cedar Valley in Iron County, Utah.

The primary project facilities would include the following:

- A Water Intake System on the west side of Lake Powell in Coconino County, Arizona.
- 44 miles of 69-inch-diameter buried pipeline from Lake Powell to two regulating tanks at high points in the Grand Staircase-Escalante National Monument along a 60-foot-wide operational right-of-way in Kane County, Utah.
- Four booster pump stations along the 44-mile-long pipeline, three in Kane County, Utah and one in Coconino County, Arizona, and 6.6 miles of power transmission line to supply electricity to the pump stations.
- 6.3 miles of 24-inch-diameter buried pipeline from the 69-inch-diameter penstock west of the Grand Staircase-Escalante National Monument boundary to the mouth of Johnson Canyon, terminating at a proposed regional water treatment plant serving Kane County Water Conservancy District in Kane County, Utah.

- 95 miles of 69-inch-diameter buried penstock, which includes 88 miles of continuous penstock pipeline from the two regulating tanks at high points in the Grand Staircase-Escalante National Monument to the existing Sand Hollow Reservoir, along a 60-foot wide operational right-of-way in Kane and Washington counties, Utah and Coconino and Mohave counties, Arizona.
- Five in-line hydro stations using impulse type turbine units along the pipeline and penstock alignment, ranging in capacity from 1.0 megawatt (MW) to 3.5 MW; including two in Kane County, Utah; one in Mohave County, Arizona; and two in Washington County, Utah.
- Hurricane Cliffs Pumped Storage Hydro consisting of two generating units with combined capacity of 300 MW alongside a single 35-MW peaking generating unit in Washington County, Utah.
- Sand Hollow Hydro, consisting of a turbine generating system with a single generating unit of about 3.5-MW capacity, at the terminus of the Lake Powell Pipeline along the shoreline of the existing Sand Hollow reservoir in Washington County, Utah.
- 42 miles of power transmission line, including about 35 miles of 138-kV line connecting in-line hydro stations to the existing power grid and about 7 miles of 345-kV line from the Hurricane Cliffs Pumped Storage Hydro and Sand Hollow Hydro to the planned Hurricane West 345-kV substation.
- 35-miles of 48- to 30-inch-diameter buried pipeline from the Hurricane Cliffs afterbay to the Hurricane pressurized secondary irrigation system and to a regional water treatment plant in the Cedar Valley near Kanarraville along a 50-foot-wide operational right-of-way in Washington and Iron counties, Utah, and 2.2 miles of power transmission line to supply electricity to the four booster pump stations that pump water to Iron County.

### 3.2 Staff's and Other Modification of the Proposed Action

Commission staff will consider and assess all alternative recommendations for location or other changes to the proposed project, as well as protection, mitigation, and enhancement measures identified by the Commission staff, other agencies, Indian tribes, NGOs, and the general public.

### 3.3 No Action Alternative

Under the no-action alternative, the needed authorizations for the pipeline project would not be granted. There would be no disturbance of existing environmental conditions at the site, and the water supply and power generation needs would be addressed through other means. The no action alternative is our baseline to establish environmental conditions for comparison with other alternatives.

## **4.0 SCOPE OF CUMULATIVE ANALYSIS AND RESOURCE ISSUES**

### 4.1 Cumulative Effects

According to the Council on Environmental Quality's regulations for implementing NEPA (Section 1508.7), a cumulative effect is the impact on the environment that results from the incremental impact of the action when added to other past, present and reasonably foreseeable future actions, regardless of what agency or person undertakes such other actions. Cumulative effects can result from individually minor but collectively significant actions taking place over a period of time, to include hydropower and other land and water development activities.

Based on information in the Pre-Application Documents, we have not identified any resources as potentially cumulatively affected by construction and operation of the Lake Powell Pipeline Project. By this document, we are asking for recommendations on resources that may be affected cumulatively.

#### 4.1.1 Geographic Scope

The geographic scope of the analysis defines the physical limits or boundaries of the proposed action's effect on the resources. Because the proposed action would affect the resources differently, the geographic scope for each resource may vary. For any resources that participants recommend we analyze for cumulative effects, we are also asking them to recommend the geographic scope that they think is appropriate.

#### 4.1.2 Temporal Scope

The temporal scope of a cumulative effects analysis includes a discussion of past, present, and future actions and their effects on each resource that could be cumulatively affected. For any resource that we identify as potentially having cumulative effects, our

temporal scope will look 30 to 50 years into the future, based on the potential term of a new license, concentrating on the effect on the resource from reasonably foreseeable future actions. The historical discussion will, by necessity, be limited to the amount of available information for each resource area.

## 4.2 Lake Powell Pipeline Project Effects

Environmental issues and concerns preliminarily identified by the Commission staff are presented below. This identification of issues and concerns is not intended to be exhaustive or final, but is an initial listing of issues we have identified. For convenience, the issues have been listed by resource area.

### 4.2.1 Geology and Soil Resources

- Effects of active faults on pipeline crossings.
- Effects of rock quality on pipeline excavation methods.
- Effects of rock and geologic structure on probable shaft and tunnel locations.
- Effects of groundwater infiltration on tunnels, shafts, or excavation trenches.
- Amount of dewatering at tunnel, shaft, and excavation trench locations needed to facilitate construction.
- Effects of tunnel construction and/or operation on surrounding groundwater.
- Whether suitable soil and rock characteristics exist at the foundations of the pump station and hydro sites.

### 4.2.2 Water Resources

- Effects of project proposal on water availability and water use.
- Effects of project construction on water quality and turbidity at project reservoirs and stream crossings.

- Consistency with state and regional water resource planning efforts.
- Integration of water conservation and management programs.
- Effects on water quality in the Virgin River due to intentional or unintentional releases of water.
- Effects of project operation on water temperature and dissolved oxygen profiles at existing project reservoirs, including spatial and temporal trends.
- Effects of project operation on water quality parameters due to the inter-basin transfer of water.
- Effects of project operation on ground water quality in the vicinity of the Sand Hollow reservoir due to artificial aquifer recharge.
- Effects on contamination of water resources resulting from the potential release of petroleum products or other volatile organic chemicals (VOCs) as a result of construction and operation of the project.

#### 4.2.3 Aquatic Resources

- Entrainment of fish from Lake Powell into the proposed project's intake structure, including, but not limited to, the federally-listed razorback sucker (*Xyrauchen texanus*).
- Effects of siltation resulting from project construction at proposed stream crossings.
- Effects of direct or indirect water discharges upon aquatic communities in the Virgin River, including, but not limited to, the federally-listed woundfin minnow (*Plagopterus argentissimus*) and Virgin River chub (*Gila seminude*).
- Effects of proposed construction, operation, environmental measures, and project-related human disturbance on the available aquatic habitat at project reservoirs and stream crossings.
- Effects of proposed construction, operation, and maintenance upon

invertebrate and amphibian communities.

- Potential for invasive species to affect intake withdrawal.
- Potential for pipeline project construction and operation to introduce invasive species, such as zebra, quagga, and other invasive mollusk species.

#### 4.2.4 Terrestrial Resources

- Effects on native plant communities and alteration in species composition as a result of: removal of vegetation for construction of the pipeline and above-ground facilities, extra work space, pipe storage and contractor yards, and access roads dust and erosion.
- Effects of construction activities on the introduction and spread of invasive and noxious plant species.
- Potential for the reestablishment of native vegetation and wildlife habitat along the right-of-way and disturbed areas.
- Direct and indirect effects on local wildlife populations and habitat as a result of: alteration and loss of habitat; direct mortality from construction activities and equipment; displacement of wildlife species; habitat fragmentation; construction and noise disturbance of wildlife located next to construction areas; blocked migration; and trench entrapment.
- Effects of operation and maintenance activities on wildlife species and habitat.
- Effects on wetland and riparian habitat from direct loss of wetland and riparian vegetation, change in distribution of invasive species, such as tamarisk, and alteration in hydrologic regimes.

#### 4.2.5 Threatened and Endangered Species

- Potential direct and indirect effects of pipeline project construction,



operation, and maintenance on federally listed threatened or endangered species, including the Welsh's milkweed, Brady pincushion cactus, Siler pincushion cactus, Utah prairie dog, Southwestern willow flycatcher, and desert tortoise, and special status species, including Gumbo milk-vetch, bald eagle, burrowing owl, ferruginous hawk, Swainson's hawk, and peregrine falcon.

#### 4.2.6 Recreation

- Effects of pipeline project construction, operation, and maintenance on access to the Glen Canyon National Recreation Area.
- Effects of pipeline project construction, operation, and maintenance on Lake Powell recreation, including visual, noise, and dust nuisances and restricted shoreline access.
- Effects of pipeline project construction, operation, and maintenance on access to existing and future recreational activities within the proposed project area, including dispersed recreation.
- Effects of pipeline project construction, operation, and maintenance on scenic corridors and recreational travelers within the proposed project area.
- Effects of pipeline project construction, operation, and maintenance on the Paria River, which is eligible for designation as a Wild and Scenic River under the Federal Wild and Scenic Rivers Act.
- Recreational effects of increased water levels in Sand Hollow reservoir as a result of the proposed project.
- Effects of proposed project easements and rights-of-way on current and future land uses within the proposed project area.
- Effects of pipeline project construction and disposal of project waste materials on current and future land uses within the proposed project area.

#### 4.2.7 Aesthetics and Noise

- Effects of pipeline project construction, operation, and maintenance on aesthetic resources within the proposed project area.
- Effects of the proposed facilities on the proposed project area's visual setting, including the effects of night security lighting and other visual impacts.
- Effects of noise associated with project construction, operation, and maintenance on visitors to the proposed project area.
- Effects of project operations on wildfire risk and fire management.

#### 4.2.8 Archaeological and Historic Resources

- Effects of construction, operation, and maintenance of the proposed pipeline project on historic, archeological, and traditional cultural resources that may be eligible for inclusion in the National Register of Historic Places.

#### 4.2.9 Socioeconomic Resources

- Potential to accommodate or affect population and economic growth.
- Impacts on local and regional socioeconomic resources from pipeline construction and operation.

#### 4.2.10 Developmental Resources

- Economics of the proposed pipeline project and the effects of any recommended environmental measures on the pipeline project's economics.

### 4.3 Proposed Protection, Mitigation, and Enhancement Measures

After reviewing the studies Utah completes and the recommendations of stakeholders, Utah may propose measures to protect, mitigate, and enhance environmental resources affected by the pipeline project.

## 5.0 REQUEST FOR INFORMATION

We are asking federal, state, and local resource agencies; Indian tribes; nongovernmental organizations; and other entities and individuals to forward to the Commission any information that will help the Commission and other federal agencies do an accurate and thorough analysis of the site-specific and cumulative effects of licensing and issuing permits for construction of the Lake Powell Pipeline Project. Types of information that we seek include, but are not limited to:

- Information, quantified data, or professional opinion that may contribute to refining the geographic scope of the analysis, including the analysis of cumulative effects, and identifying significant environmental issues;
- Identification of, and information from, any other environmental document or similar study (previous, ongoing, or planned) relevant to the proposed licensing of the project;
- Existing information and any data that would help describe the past, present and future actions and the effects of the project and other developmental activities on environmental and socioeconomic resources;
- Information that would help characterize existing environmental conditions and habitats;
- Identification of any federal, state, or local agency or Indian tribe resource plans and future project proposals in the affected resource area, such as proposals to construct or operate water treatment facilities, recreation areas, or water diversions; timber harvest activities; or fish management programs;
- Documentation of cumulative effects of basin-wide activities, including the project's operation, on resources; and

- Documentation that would support a conclusion that the project does or does not contribute to adverse or beneficial effects on resources and should therefore be excluded from further study or included for further consideration of cumulative effects. Documentation should include, but need not be limited to: how the project interacts with other hydropower projects in the area and other developmental and non-developmental activities; results from studies; resource management policies; and reports from federal, state, and local agencies and Indian tribes.

The requested information should be submitted in writing to the Commission no later July 7, 2008. All filings must clearly identify the following on the first page: Lake Powell Hydroelectric System Project No. 12966-002. Address all communications to:

Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E., Room 1A  
Washington, DC 20426

All filings sent to the Secretary of the Commission should contain an original and eight copies. The Commission strongly encourages electronic filings. See 18 CFR 85.2001(a)(1)(iii) and the instructions on the Commission's website (<http://www.ferc.gov>) under the "e-filing" link. For assistance, please contact FERC Online Support at [FERCOnlineSupport@ferc.gov](mailto:FERCOnlineSupport@ferc.gov) or toll-free at 1-(866) 208-3676, or for TTY, (202) 502-8659.

Register online at <http://ferc.gov/esubscribenow.htm> to be notified via e-mail of new filing and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

Any questions concerning scoping or preparation of the EIS for this proposed action should be directed to Jim Fargo at (202)502-6095 or [james.fargo@ferc.gov](mailto:james.fargo@ferc.gov).

## 6.0 EIS PREPARATION SCHEDULE

At this time we anticipate the need to prepare an EIS (we show our preliminary Outline in section 7). We will prepare a draft EIS, which will be sent to all persons and entities on the Commission's and any cooperating agencies' service and mailing list for the Lake Powell Pipeline Project. The draft EIS will include recommendations for construction and operating procedures, and environmental protection, mitigation, and enhancement measures that should be part of any license issued by the Commission. Recipients will then have 60 days to provide the Commission with written comments on the draft EIS. All comments on the draft EIS filed with the Commission will be considered in the Commission's decision on the Hydro System license application.

Below is the Process Plan and schedule for pre-application activity:

| Responsible Entity | Pre-Filing Milestone                            | Date     | FERC Regulation |
|--------------------|---|----------|-----------------|
| Federal staffs     | NOI and SD1                                     | 5/5/08   | 5.8             |
|                    |   | 6/09/08- |                 |
| Federal staffs     | Scoping and Site Visit                          | 6/12/08  | 5.8(b)(viii)    |
| All stakeholders   | NOI/PAD/SD1 comments due                        | 7/07/08  | 5.9             |
| Federal staffs     | Issue SD2 if needed                             | 8/21/08  | 5.1             |
| State              | File Proposed Study Plan                        | 8/21/08  | 5.11(a)         |
| All stakeholders   | Study Plan Meeting                              | 9/22/08  | 5.11(e)         |
| All stakeholders   | Study Plan Comments due                         | 11/19/08 | 5.12            |
| State              | File Revised Proposed Study Plan                | 12/19/08 | 5.13(a)         |
| All stakeholders   | Revised Proposed Study Plan Comments due        | 1/05/09  | 5.13(b)         |
|                    | FERC OEP Director's and Federal agencies' Study |          |                 |
| Federal staffs     | Plan Determination                              | 2/09/09  | 5.13(c)         |

## 7.0 EIS OUTLINE

The preliminary outline for the EIS is as follows:

COVER SHEET  
 FOREWORD  
 TABLE OF CONTENTS  
 LIST OF APPENDICES  
 LIST OF FIGURES  
 LIST OF TABLES  
 ACRONYMS AND ABBREVIATIONS

## EXECUTIVE SUMMARY

1. INTRODUCTION
  - 1.1. Application
  - 1.2. Purpose of Action, Need for Power, Need for Water Supply
  - 1.3. Statutory and Regulatory Requirements
    - 1.3.1. Federal Power Act
      - 1.3.1.1. Section 18 Fishway Prescriptions
      - 1.3.1.2. Section 4(e) Conditions
      - 1.3.1.3. Section 10(j) Conditions
    - 1.3.2. Clean Water Act
    - 1.3.3. Endangered Species Act
    - 1.3.4. National Historic Preservation Act
  - 1.4. Public Review and Comment
    - 1.4.1. Scoping
    - 1.4.2. Interventions
    - 1.4.3. Comments on the Application
    - 1.4.4. Comments on Draft EIS
2. PROPOSED ACTION AND ALTERNATIVES
  - 2.1. No-action Alternative
  - 2.2. Applicant's Proposal
    - 2.2.1. Proposed Project Facilities
    - 2.2.2. Proposed Project Operation
    - 2.2.3. Proposed Environmental Measures
    - 2.2.4. Modifications to Applicant's Proposal
  - 2.3. Federal Staff Alternatives
  - 2.4. Other Alternatives (as appropriate)
  - 2.5. Alternatives Considered but Eliminated from Detailed Study
3. ENVIRONMENTAL ANALYSIS
  - 3.1. General Description of the River Basin
  - 3.2. Scope of Cumulative Effects Analysis
    - 3.2.1. Geographic Scope
    - 3.2.2. Temporal Scope
  - 3.3. Proposed Action and Action Alternatives
    - 3.3.1. Geologic and Soil Resources
    - 3.3.2. Aquatic Resources
    - 3.3.3. Terrestrial Resources
    - 3.3.4. Threatened and Endangered Species
    - 3.3.5. Recreation and Land Use
    - 3.3.6. Cultural Resources
    - 3.3.7. Aesthetic Resources
    - 3.3.8. Socioeconomics
  - 3.4. No-action Alternative
4. DEVELOPMENTAL ANALYSIS
  - 4.1. Power, Water Supply, and Economic Benefits of the Project
  - 4.2. Cost of Environmental Measures
  - 4.3. Comparison of Alternatives
5. CONCLUSIONS AND RECOMMENDATIONS

- 5.1. Comparison of Effects of Proposed Action and Alternatives
  - 5.2. Comprehensive Development and Recommended Alternative
  - 5.3. Unavoidable Adverse Effects
  - 5.4. Recommendations of Fish and Wildlife Agencies
  - 5.5. Consistency with Comprehensive Plans
  6. LITERATURE CITED
  7. LIST OF PREPARERS
  8. LIST OF RECIPIENTS
- APPENDICES

## **8.0 LIST OF COMPREHENSIVE PLANS**

Section 10(a)(2) of the FPA requires us to consider whether or not, and under what conditions, licensing the project would be consistent with relevant comprehensive plans on the Commission's Comprehensive Plan List. The plans that we consider to be relevant to this project are listed below. We ask agencies to review this list and to inform FERC if any changes are needed. If there are plans that should be added to the list, agencies should file the plans according to 18 CFR 2.19

### **Utah**

- Bureau of Land Management. 1990. Proposed Dixie resource management plan/final environmental impact statement. Department of the Interior, Cedar City, Utah. 240 pp. and maps.
- Bureau of Land Management. 1993. Diamond Mountain resource area management plan and environmental impact statement. Department of the Interior, Vernal, Utah. Spring 1993. Two volumes.
- Forest Service. 1986. Ashley National Forest land and resource management plan. Department of Agriculture, Vernal, Utah. October 8, 1986. 170 pp. and appendices.
- Forest Service. 1990. Fishlake National Forest land and resource management plan. Department of Agriculture, Richfield, Utah. 296 pp. and appendices.
- Forest Service. 2003. Wasatch-Cache National Forest land and resource management plan. Department of Agriculture, Salt Lake City, Utah. March 2003.
- Forest Service. Undated. Manti-LaSal National Forest land and resource management plan. Department of Agriculture, Price, Utah. 192 pp. and appendices.
- Forest Service. 2003. Uinta National Forest land and resource management plan. Department of Agriculture, Provo, Utah. May 2003.

Forest Service. Undated. Dixie National Forest land and resource management plan. Department of Agriculture, Cedar City, Utah. 246 pp. and appendices.  
Utah Division of Parks and Recreation. 1987. Statewide Comprehensive Outdoor Recreation Plan (SCORP). Salt Lake City, Utah. December 1987. 435 pp. and appendices.

### **Arizona**

Arizona Outdoor Recreation Coordinating Commission. 1983. Arizona Statewide Comprehensive Outdoor Recreation Plan (SCORP). Phoenix, Arizona. 152 pp.  
Arizona Outdoor Recreation Coordinating Commission. 1983. Arizona Statewide Comprehensive Outdoor Recreation Plan-technical document. Phoenix, Arizona. 120 pp. and appendices.  
Arizona State Parks. 1989. Arizona rivers, streams and wetlands study. Phoenix, Arizona. 244 pp. and appendices.  
Bureau of Land Management. 1991. Final Safford District resource management plan and environmental impact statement. Department of the Interior, Safford, Arizona. August 1991. 504 pp. and map.  
Forest Service. 1985. Tonto National Forest plan. Department of Agriculture, Phoenix, Arizona. October 1985. 253 pp.  
Forest Service. 1987. Coconino National Forest land and resource plan. Department of Agriculture, Flagstaff, Arizona. 228 pp. and appendices.  
U.S. Fish and Wildlife Service. 1978. Unique wildlife ecosystems of Arizona. Department of the Interior, Albuquerque, New Mexico. November 6, 1978.



## 9.0 INTERESTED PARTIES MAILING LIST

STEVE PERU COUNTY MANAGER  
COCONINO COUNTY  
219 E CHERRY AVE  
FLAGSTAFF AZ 86001

RON WALKER COUNTY  
MANAGER  
MOHAVE COUNTY  
PO BOX 7000  
KINGMAN AZ 86402-7000

KANE COUNTY  
BOARD OF COMMISSIONERS  
KANE COUNTY COURTHOUSE  
76 N MAIN ST  
KANAB UT 84741

WASHINGTON COUNTY  
BOARD OF COMMISSIONERS  
WASHINGTON CO ADMIN BLDG  
197 E TABERNACLE ST  
ST GEORGE UT 84770

IRON COUNTY  
BOARD OF COMMISSIONERS  
IRON COUNTY COURTHOUSE  
PO BOX 429  
PAROWAN UT 84761

RICHARD PARSONS MAYOR  
BIG WATER TOWN HALL  
15 AARON BURR  
DRAWER 410127  
BIG WATER UT 84741

DAN BROWN MAYOR  
CITY OF PAGE  
PO BOX 1180  
PAGE AZ 86040

DIXIE JUDD MAYOR  
CITY OF FREDONIA  
CITY HALL  
FREDONIA AZ 80622

DAVID DARGER TOWN  
MANAGER  
TOWN OF COLORADO CITY  
25 S CENTRAL ST  
COLORADO CITY AZ 86021

DAVID ZITTING MAYOR  
TOWN OF HILDALE  
HILDALE CITY HALL  
PO BOX 840809  
HILDALE UT 84784-0809

KIM LAWSON MAYOR  
CITY OF KANAB  
76 N MAIN ST  
KANAB UT 84741

TOWN OF APPLE VALLEY  
7803 S 9400 E  
APPLE VALLEY UT 84737

DANIEL MCARTHUR MAYOR  
CITY OF ST. GEORGE  
175 E 200 N  
ST GEORGE UT 84770

TERRILL CLOVE MAYOR  
WASHINGTON CITY  
111 N 100 E  
WASHINGTON UT 84780

THOMAS HIRSCHI MAYOR  
CITY OF HURRICANE  
147 N 870 W  
HURRICANE AZ 84737

KARL WILSON MAYOR  
LAVERKIN CITY  
LAVERKIN CITY ADMIN OFFICE  
435 N MAIN ST  
LAVERKIN UT 84745

JOHN GROW MAYOR  
VIRGIN TOWN  
PO BOX 790008  
VIRGIN UT 84779

TRUDY LAW MAYOR  
TOWN OF LEEDS  
LEEDS TOWN HALL  
218 N MAIN ST  
LEEDS UT 84746

KEN POWELL MAYOR  
TOWN OF TOQUERVILLE  
PO BOX 27  
TOQUERVILLE UT 84774

GALEN ALLRED MAYOR  
TOWN OF KANARRAVILLE  
TOWN HALL  
PO BOX 420148  
KANARRAVILLE UT 84742

GERALD SHERRATT MAYOR  
CEDAR CITY  
10 N MAIN ST  
CEDAR CITY UT 84720

ENOCH CITY  
900 E MIDVALLEY RD  
CEDAR CITY UT 84720

FREDONIA NATURAL RESOURCE  
CONSERVATION DISTRICT  
PO BOX 32  
FREDONIA AZ 86022

LITTLEFIELD-HURRICANE  
VALLEY NRCS DISTRICT  
C/O FREDONIA FIELD OFFICE  
PO BOX 520  
FREDONIA AZ 86022

KANE COUNTY SOIL  
CONSERVATION DISTRICT  
165 W KANAB CREEK DR  
KANAB UT 84741

DIXIE SOIL CONSERVATION  
DISTRICT  
322 W 1300 S  
HURRICANE UT 84737

E&I SOIL CONSERVATION  
DISTRICT  
237 N 400 W  
CEDAR CITY UT 84720

RON THOMPSON GEN MGR  
WASHINGTON CO WCD  
136 N 100 E  
ST. GEORGE UT 84770

MIKE NOEL EXEC DIRECTOR  
KANE COUNTY WCD  
190 W CENTER ST STE 200  
KANAB UT 84741

SCOTT WILSON GEN MGR  
CENTRAL IRON COUNTY WCD  
88 E FIDDLER CYN STE A  
CEDAR CITY UT 84720

WASHINGTON COUNTY/  
ST GEORGE CITY INTERLOCAL  
AGENCY  
1835 S MAIN ST  
ST GEORGE UT 84790

KANE COUNTY RECREATION &  
TRANSPORTATION SSD  
76 N MAIN  
KANAB UT 84741

KENNETH L SIZEMORE  
EXECUTIVE DIRECTOR  
5 CO ASSOC OF GOVERNMENTS  
PO BOX 1550  
ST GEORGE UT 84771

JOE SHIRLEY JR PRESIDENT  
 NAVAJO NATION  
 PO BOX 9000  
 WINDOW ROCK AZ 86515

ONA SEGUNDO CHAIRPERSON  
 KAIBAB BAND OF PAIUTES  
 TRIBAL COUNCIL  
 HC 65 BOX 2  
 FREDONIA AZ 86022

LORA TOM CHAIRPERSON  
 PAIUTE INDIAN TRIBE OF UTAH  
 440 N PAIUTE DR  
 CEDAR CITY UT 84720

SELMA SIERRA STATE DIRECTOR  
 BUREAU OF LAND MANAGEMENT  
 UTAH STATE OFFICE  
 PO BOX 45155  
 SALT LAKE CITY UT 84145-0155

JOE INCARDINE PROJECT MGR  
 BUREAU OF LAND MANAGEMENT  
 UTAH STATE OFFICE  
 PO BOX 45155  
 SALT LAKE CITY UT 84145-0155

MICHAEL DEKEYREL  
 LEAD REALTY SPECIALIST  
 BUREAU OF LAND  
 MANAGEMENT  
 PO BOX 45155  
 SALT LAKE CITY UT 84145-0155

DWANA FERRIS  
 FIELD OFFICE MANAGER  
 BUREAU OF LAND MANAGEMENT  
 345 E RIVERSIDE DR  
 ST GEORGE UT 84790

ELAINE ZIELINSKI  
 STATE DIRECTOR  
 BUREAU OF LAND MANAGEMENT  
 ONE N CENTRAL AVE STE 800  
 PHOENIX AZ 85004-4427

ANGELA MOGEL  
 AZ REALTY PROGRAM LEAD  
 BUREAU OF LAND  
 MANAGEMENT  
 ONE N CENTRAL AVE STE 800  
 PHOENIX AZ 85004-4427

Laurie Ford  
 LAND & MINERALS TEAM LEAD  
 BUREAU OF LAND MANAGEMENT  
 345 E RIVERSIDE DR  
 ST GEORGE UT 84790

KAREN WEISS  
 KANAB FIELD MANAGER  
 BUREAU OF LAND MANAGEMENT  
 190 E CENTER ST  
 KANAB UT 84741

RANDY TRUJILLO  
 ASSOCIATE FIELD MANAGER  
 BUREAU OF LAND  
 MANAGEMENT  
 176 E DL SARGENT DR  
 CEDAR CITY UT 84720

DENNIS POPE  
 FIELD OFFICE MANAGER  
 BUREAU OF LAND MANAGEMENT  
 318 N 100 E  
 KANAB UT 84741

RON MONTAGNA  
 BUREAU OF LAND MANAGEMENT  
 L R & C SURVEY DIVISION  
 1849 C ST NW  
 WASHINGTON DC 20240

LORRAINE CHRISTIAN  
 FIELD OFFICE MANAGER  
 BUREAU OF LAND  
 MANAGEMENT  
 345 E RIVERSIDE DR  
 ST GEORGE UT 84790

LARRY WALKOVIK  
 REGIONAL DIRECTOR  
 BUREAU OF RECLAMATION  
 125 S STATE ST  
 SALT LAKE CITY UT 84138

KERRY MCCALMAN  
 ACTING ASST REGIONAL DIR  
 BUREAU OF RECLAMATION  
 125 S STATE ST RM 6107  
 SALT LAKE CITY UT 84138-1102

BRUCE BARRETT MANAGER  
 BUREAU OF RECLAMATION  
 PROVO AREA OFFICE  
 302 E 1860 S  
 PROVO UT 84606

KERRY SCHWARTZ MANAGER  
WATER & ENVIRO SECTION  
BUREAU OF RECLAMATION  
302 E 1860 S  
PROVO UT 84606

KEN RICE DIVISION MANAGER  
BUREAU OF RECLAMATION  
GLEN CANYON FIELD DIVISION  
PO BOX 1477  
PAGE AZ 86040-1477

LORRI GRAY REG DIRECTOR  
BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
PO BOX 61470  
BOULDER CITY NV 89006

DON BRYCE (BC00-4840)  
BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
500 FIR ST  
BOULDER CITY NV 89005-2403

MIKE SNYDER REGIONAL DIR  
NATIONAL PARK SERVICE  
INTERMTN SUPPORT OFFICE  
PO BOX 25287  
DENVER CO 80225

CHERYL ECKHARDT  
CHRIS TURK (MC IMDE-OPE)  
NATIONAL PARK SERVICE  
12795 W ALAMEDA PKWY  
DENVER CO 80225

AMEY HEUSLEIN CHIEF  
BUREAU OF INDIAN AFFAIRS  
WESTERN REGIONAL OFFICE  
400 N 5<sup>TH</sup> ST #12-2  
PHOENIX AZ 85004

PIERRE CANTOU  
BUREAU OF INDIAN AFFAIRS  
WESTERN REGIONAL OFFICE  
400 N 5<sup>TH</sup> ST #12-2  
PHOENIX AZ 85004

ALLEN ANSPACH REGIONAL DIR  
BUREAU OF INDIAN AFFAIRS  
WESTERN REGIONAL OFFICE  
400 N 5<sup>TH</sup> ST #12-2  
PHOENIX AZ 85004

MIKE LORING  
REGIONAL ECONOMIST  
BUREAU OF RECLAMATION  
125 S STATE ST  
SALT LAKE CITY UT 84138-1147

WALTER WAIDELICH  
ADMINISTRATOR  
FEDERAL HIGHWAY ADMIN  
2520 W 4700 S STE 9A  
SALT LAKE CITY UT 84118-1880

CARLOS MACHADO  
ROW OFFICER  
FEDERAL HIGHWAY ADMIN  
2520 W 4700 S STE 9A  
SALT LAKE CITY UT 84118-1880

EDWARD WOOLFORD  
NEPA & ROW SPECIALIST  
FEDERAL HIGHWAY ADMIN  
2520 W 4700 S STE 9A  
SALT LAKE CITY UT 84118-1880

ROBERT E HOLLIS  
FEDERAL HIGHWAY ADMIN  
ONE ARIZONA CENTER STE 410  
400 E VAN BUREN ST  
PHOENIX AZ 85004-2264

LAYNE PATTON ROW OFFICER  
FEDERAL HIGHWAY ADMIN  
ONE ARIZONA CENTER STE 410  
400 E VAN BUREN ST  
PHOENIX AZ 85004

STEVE THOMAS  
FEDERAL HIGHWAY ADMIN  
ONE ARIZONA CENTER STE 410  
400 E VAN BUREN ST  
PHOENIX AZ 85004-2264

NORM HENDERSON  
COL RIVER COORDINATOR  
NATIONAL PARK SERVICE  
324 S STATE ST STE 200  
SALT LAKE CITY UT 84111

NANCIE AMES DEPUTY SUPT  
GLEN CANYON NRA  
NATIONAL PARK SERVICE  
PO BOX 1507  
PAGE AZ 86040

BARBARA WILSON  
ENVIRONMENTAL SPECIALIST  
NATIONAL PARK SERVICE  
PO BOX 1507  
PAGE AZ 86040

JOHN HISCOCK  
SUPERINTENDENT  
PIPE SPRING NATL MONUMENT  
HC 65 BOX 5  
406 N PIPE SPRING RD  
FREDONIA AZ 86022

STEPHEN GUERTIN REG DIR  
US FISH AND WILDLIFE SERVICE  
PO BOX 25486  
DENVER FEDERAL CENTER  
DENVER CO 80225

DAVE CARLSON (D60120)  
US FISH & WILDLIFE SERVICE  
MOUNTAIN-PRAIRIE REG OFFICE  
134 UNION BLVD STE 645  
DENVER CO 80225-0486

DR BENJAMIN TUGGLE  
REGIONAL DIRECTOR  
US FISH AND WILDLIFE SERVICE  
PO BOX 1306  
ALBUQUERQUE NM 87103-1306

STEPHEN ROBERTSON  
US FISH & WILDLIFE SERVICE  
SW REGIONAL OFFICE  
PO BOX 1306  
ALBUQUERQUE NM 87103-1306

LARRY CRIST  
FIELD OFFICE SUPERVISOR  
US FISH AND WILDLIFE SERVICE  
2369 W ORTON CIRCLE STE 50  
W VALLEY UT 84119

PAUL ABATE  
US FISH AND WILDLIFE SERVICE  
UTAH FIELD OFFICE  
2369 W ORTON CIRCLE STE 50  
W VALLEY UT 84119

STEVE SPANGLE  
FIELD OFFICE SUPERVISOR  
US FISH AND WILDLIFE SERVICE  
2321 W ROYAL PALM BLVD  
PHOENIX AZ 85021

BRENDA SMITH  
ASSISTANT FIELD SUPERVISOR  
US FISH AND WILDLIFE SERVICE  
323 N LEROUX ST STE 101  
FLAGSTAFF AZ 86001

SAMUEL LOFTIN  
GENERAL ENGINEER  
WESTERN AREA POWER ADMIN  
150 E SOCIAL HALL AVE STE 300  
SALT LAKE CITY UT 84111

CLAYTON PALMER  
ENVIRONMENTAL TEAM LEAD  
WESTERN AREA POWER ADMIN  
150 E SOCIAL HALL AVE STE 300  
SALT LAKE CITY UT 84111

BRADLEY WARREN  
CRSP MANAGER  
WESTERN AREA POWER ADMIN  
150 E SOCIAL HALL AVE STE 300  
SALT LAKE CITY UT 84111

ROBERT E ROBERTS  
ADMINISTRATOR  
US ENVIRO PROTECTION AGENCY  
1595 WYNKOOP ST  
DENVER CO 80202-1129

DEB LEBOW-AAL  
NEPA COORDINATOR  
US ENVIRO PROTECTION  
AGENCY  
1595 WYNKOOP ST  
DENVER CO 80202

WAYNE NASTRI ADMINISTRATOR  
US ENVIRO PROTECTION AGENCY  
REGION 9  
75 HAWTHORN ST CED-2  
SAN FRANCISCO CA 94105

ANN MCPHERSON MANAGER  
ENVIRO REVIEW OFFICE  
US ENVIRO PROTECTION AGENCY  
75 HAWTHORN ST CED-2  
SAN FRANCISCO CA 94105

LAURA FUJI LEAD  
US ENVIRO PROTECTION  
AGENCY  
REGION 9  
75 HAWTHORN ST CED-2  
SAN FRANCISCO CA 94105

COLONEL THOMAS H MAGNESS IV  
DISTRICT COMMANDER  
US ARMY CORPS OF ENGINEERS  
PO BOX 2711  
LOS ANGELES CA 90053-2325

COLONEL TOM CHAPMAN  
DISTRICT COMMANDER  
US ARMY CORPS OF ENGINEERS  
1325 J ST  
SACRAMENTO CA 95814-2922

JASON GIPSON SECTION CHIEF  
US ARMY CORPS OF ENGINEERS  
533 W 2600 S STE 150  
BOUNTIFUL UT 84010

KARA HELDIGE  
US ARMY CORPS OF ENGINEERS  
SACRAMENTO DISTRICT  
799 E 3<sup>RD</sup> ST #2  
DURANGO CO 81301

CYNTHIA LESTER  
US ARMY CORPS OF ENGINEERS  
3636 N CENTRAL AVE STE 900  
PHOENIX AZ 85012

SCOTT ESTERGARD  
WATER RESOURCES PLANNER  
US ARMY CORPS OF ENGINEERS  
3636 N CENTRAL AVE STE 900  
PHOENIX AZ 85012

LAWRENCE JENSEN  
US DEPT OF THE INTERIOR  
OFFICE OF REGIONAL SOLICITOR  
125 S STATE ST  
SALT LAKE CITY UTAH 84138-1180

VERONICA LARVIE  
US DEPT OF THE INTERIOR  
OFFICE OF REGIONAL SOLICITOR  
125 S STATE ST ROOM 6201  
SALT LAKE CITY UT 84138-1147

ROBERT STEWART  
US DEPT OF THE INTERIOR  
OFFICE OF ENVIRO POLICY  
PO BOX 25007 (D-108)  
DENVER CO 80225-0007

RON ECKFIELD  
DISTRICT CONSERVATIONIST  
NRCS  
1585 S PLAZA WAY STE 120  
FLAGSTAFF AZ 86001-7156

LYNN KITCHEN  
DISTRICT CONSERVATIONIST  
N R C S  
196 E TABERNACLE  
ST GEORGE UT 84770-3467

THOMAS KARL DIRECTOR  
NATL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
151 PATTON AVENUE  
ASHEVILLE NC 28801-5001

CATHY LACY ILLIAN  
REGIONAL DIRECTOR  
US CENSUS BUREAU  
6900 W JEFFERSON AVE STE 100  
LAKEWOOD CO 80235-2032

PATRICK LAMBERT DIST DIR  
US GEOLOGICAL SURVEY  
UTAH WATER SCIENCE CENTER  
2329 W ORTON CIR  
W VALLEY CITY UT 84119-2047

JOHN HOFFMANN DIRECTOR  
US GEOLOGICAL SURVEY  
AZ WATER & SCIENCE CENT  
520 N PARK AVE STE 221  
TUCSON AZ 85719

ROBERT HART CHIEF  
US GEOLOGICAL SURVEY  
SW BIO SCIENCE CENTER  
2255 N GEMINI DR  
FLAGSTAFF AZ 86001

MICHAEL SHULTERS DIRECTOR  
USGS-CA WATER SCIENCE CENT  
345 MIDDLEFIELD ROAD MS 470  
MENLO PARK CA 94025

JOHN EARL NIXON DIRECTOR  
OFFICE OF PLANNING &  
BUDGET  
PO BOX 142210  
STATE CAPITOL STE E210  
SALT LAKE CITY UT 84114-2210

JOHN R NJORD  
 EXECUTIVE DIRECTOR  
 U D O T  
 4501 S 2700 W  
 SALT LAKE CITY UT 84119-5998

DAL HAWKS PE MBA  
 UTAH DEPT OF  
 TRANSPORTATION  
 1345 S 350 W  
 RICHFIELD UT 84701

ROBERT DOWELL DIST  
 ENGINEER  
 U D O T  
 RICHFIELD DISTRICT  
 708 S 100 W  
 RICHFIELD UT 84701

RANDALL TAYLOR PE  
 UDOT  
 REGION 4  
 1345 S 350 W  
 RICHFIELD UT 84701

NANCY JEROME PE  
 UDOT  
 REGION 4  
 1345 S 350 W  
 RICHFIELD UT 84701

KEVIN S CARTER DIRECTOR  
 UT SITLA ADMINISTRATION  
 675 E 500 S STE 500  
 SALT LAKE CITY UT 84102-2818

DOUGLAS BUCHI ASST DIRECTOR  
 UT SITLA ADMINISTRATION  
 675 E 500 S STE 500  
 SALT LAKE CITY UT 84102-2818

KENNETH WILDE  
 UT DIV OF DRINKING WATER  
 PO BOX 144830  
 SALT LAKE CITY UT 84114-4830

KEN BOUSFIELD DIRECTOR  
 UT DIV OF DRINKING WATER  
 PO BOX 144830  
 SALT LAKE CITY UT 84114-4830

WALTER BAKER DIRECTOR  
 UT DIVISION OF WATER QUALITY  
 288 N 1460 W  
 SALT LAKE CITY UT 84114-4870

SHELLY QUICK  
 ENVIRONMENTAL SCIENTIST  
 UT DIVISION OF WATER QUALITY  
 288 N 1460 W  
 SALT LAKE CITY UT 84114-4870

JOHN MACKAY PE ENGINEER  
 UT DIVISION OF WATER  
 QUALITY  
 288 N 1460 W  
 SALT LAKE CITY UT 84114-4870

BRUCE HAMILTON  
 DEPUTY DIRECTOR OPERATIONS  
 UT DIV PARKS AND RECREATION  
 1594 W NORTH TEMPLE  
 SALT LAKE CITY UT 84114-6001

MARY TULLIUS DIRECTOR  
 UT DIV PARKS AND RECREATION  
 1594 W NORTH TEMPLE  
 SALT LAKE CITY UT 84114-6001

BILL MAUGHAN  
 WATER RIGHTS COORDINATOR  
 UT DIV PARKS AND  
 RECREATION  
 1594 W NORTH TEMPLE  
 SALT LAKE CITY UT 84114-6001

LARRY GRAY REGION MANAGER  
 UT DIV PARKS AND RECREATION  
 SW REGION OFFICE  
 585 N MAIN ST  
 CEDAR CITY UT 84720

JAMES KARPOWITZ DIRECTOR  
 UTAH DIV WILDLIFE RESOURCES  
 1594 W NORTH TEMPLE  
 SALT LAKE CITY UT 84114-6301

CARMEN BAILEY  
 IMPACT ANALYSIS COORD  
 UT DIV OF WILDLIFE  
 RESOURCES  
 1594 W NORTH TEMPLE  
 SALT LAKE CITY UT 84114-6301

REGIONAL MANAGER  
UT DIV OF WILDLIFE RESOURCES  
PO BOX 606  
CEDAR CITY UT 84721-0606

NEIL PERRY  
UT DIV OF WILDLIFE RESOURCES  
PO BOX 606  
CEDAR CITY UT 84721-0606

REED HARRIS DIRECTOR  
DEPT OF NATURAL RESOURCES  
SPECIES RECOVERY PROGRAMS  
PO BOX 145610  
SALT LAKE CITY UT 84114-5610

JERRY OLDS DIRECTOR  
UT DIVISION OF WATER RIGHTS  
1594 W NORTH TEMPLE  
SALT LAKE CITY UT 84114-6300

NATHAN MOSES  
ASSISTANT REGIONAL MANAGER  
UT DIVISION OF WATER RIGHTS  
PO BOX 506  
CEDAR CITY UT 84721-0506

KURT VEST REGIONAL  
ENGINEER  
UT DIVISION OF WATER RIGHTS  
PO BOX 506  
CEDAR CITY UT 84721-0506

RICHARD ALLIS DIRECTOR  
UTAH GEOLOGICAL SURVEY  
1594 W NORTH TEMPLE  
SALT LAKE CITY UT 84114-6100

WILSON MARTIN DIRECTOR  
UTAH STATE HISTORIC  
PRESERVATION OFFICE  
300 S RIO GRANDE ST  
SALT LAKE CITY UT 84101

PHILIP F NOTARIANNI  
DIRECTOR  
UTAH STATE HISTORICAL SOC  
300 RIO GRANDE ST  
SALT LAKE CITY UT 84101-1182

DENNIS GOREHAM MANAGER  
AUTOMATED GEOGRAPHIC  
REFERENCE CENTER  
1 STATE OFFICE BLDG RM 5130  
SALT LAKE CITY UT 84114

VICTOR MENDEZ DIRECTOR  
AZ DOT  
206 S 17TH AVE  
MAIL DROP 100 A  
PHOENIX AZ 85007

CHUCK HOWE  
ENVIRONMENTAL  
COORDINATOR ADOT  
1801 S MILTON ROAD  
FLAGSTAFF AZ 86001-6311

AUDRA MERRICK PE  
DEVELOPMENT ENGINEER  
ADOT  
1801 S MILTON ROAD  
FLAGSTAFF AZ 86001-6311

HERB GUENTHER DIRECTOR  
AZ DEPT OF WATER RESOURCES  
3550 N CENTRAL AVENUE  
PHOENIX AZ 85012

DUANE L SHROUFE DIRECTOR  
AZ GAME & FISH DEPARTMENT  
5000 W CAREFREE HIGHWAY  
PHOENIX AZ 85086

DAVID WEEDMAN  
AQUATIC HABITAT COORD  
AZ GAME & FISH DEPARTMENT  
2222 W GREENWAY ROAD  
PHOENIX AZ 85023

RON SIEG REG SUPERVISOR  
AZ GAME AND FISH DEPT  
FLAGSTAFF REGIONAL OFFICE  
3500 S LAKE MARY ROAD  
FLAGSTAFF AZ 86001

ANDI ROGERS DEPT LEAD  
AZ GAME AND FISH DEPT  
FLAGSTAFF REGIONAL OFFICE  
3500 S LAKE MARY ROAD  
FLAGSTAFF AZ 86001



CHUCK BENEDICT  
AZ GAME AND FISH DEPT  
FLAGSTAFF REGIONAL OFFICE  
3500 S LAKE MARY ROAD  
FLAGSTAFF AZ 86001

LEE ALLISON STATE GEOLOGIST  
ARIZONA GEOLOGICAL SURVEY  
416 W CONGRESS STE 100  
TUCSON AZ 85701

ANN HOWARD ARCHEOLOGIST  
ARIZONA STATE HISTORIC  
PRESERVATION OFFICE  
1300 W WASHINGTON ST  
PHOENIX AZ 85007

JAMES GARRISON DIRECTOR  
ARIZONA STATE HISTORIC  
PRESERVATION OFFICE  
1300 W WASHINGTON  
PHOENIX AZ 85007

WILLIAM PONDER CHIEF  
ADMINISTRATIVE OFFICER  
AZ STATE HISTORICAL SOCIETY  
949 E 2ND ST  
TUCSON AZ 85719

STEVE OWENS DIRECTOR  
AZ DEPT OF ENVIRO QUALITY  
1110 W WASHINGTON ST  
PHOENIX AZ 85007

LINDA TAUNT DEPUTY DIRECTOR  
WATER QUALITY DIVISION  
AZ DEPT OF ENVIRO QUALITY  
1110 W WASHINGTON ST  
PHOENIX AZ 85007

JOAN CARD DIRECTOR  
WATER QUALITY DIVISION  
AZ DEPT OF ENVIRO QUALITY  
1110 W WASHINGTON ST  
PHOENIX AZ 85007

YVONNE YOUNG HYDROLOGIST  
WATER QUALITY DIVISION  
AZ DEPT OF ENVIRO QUALITY  
1110 W WASHINGTON ST  
PHOENIX AZ 85007

MARK WINKLEMAN  
STATE LAND COMMISSIONER  
ARIZONA STATE LANDS DEPT  
1616 W ADAMS ST  
PHOENIX AZ 85007

BRIAN BABIARS EXEC DIRECTOR  
WESTERN ARIZONA COUNCIL OF  
GOVERNMENTS  
224 S 3<sup>RD</sup> AVENUE  
YUMA AZ 85364

KENNETH SWEET EXEC DIR  
NORTHERN ARIZONA COUNCIL  
OF GOVERNMENTS  
119 E ASPEN AVENUE  
FLAGSTAFF AZ 86001-5222

CENTRAL ARIZONA WATER  
CONSERVATION DISTRICT  
24830 E NONA RD  
RED ROCK AZ 85245

DAVID WEGNER  
GLEN CANYON INSTITUTE  
1520 SUNNYDALE LN  
SALT LAKE CITY UT 84108

DAVE WEGNER  
GLEN CANYON INSTITUTE  
2609 COLUMBINE AVE  
DURANGO CO 81301

GRAND CANYON TRUST  
THE HOMESTEAD  
ROUTE 4 BOX 718  
FLAGSTAFF AZ 86001

PAUL VAN DAM  
CITIZENS FOR DIXIE'S FUTURE  
PO BOX 161  
HURRICANE UT 84737

MERRITT FREY  
UTAH RIVERS COUNCIL  
1055 E 2100 S STE 207  
SALT LAKE CITY UT 84106

WAYNE HOSKISSON CHAIR  
SIERRA CLUB UTAH CHAPTER  
2159 S 700 E STE 210  
SALT LAKE CITY UT 84106

JIM WEXLER  
UTAH CHAPTER SIERRA CLUB  
2159 S 700 E STE 210  
SALT LAKE CITY UT 84106-4339

SCOTT GROENE  
SOUTHERN UTAH WILDERNESS  
ALLIANCE  
425 E 100 S  
SALT LAKE CITY UT 84111

RICHARD ROOS-COLLINS  
NATURAL HERITAGE INSTITUTE  
100 PINE ST STE 1550  
SAN FRANCISCO CA 94111

JULIE GANTENBEIN  
NATURAL HERITAGE INSTITUTE  
1423 MARSHALL ST  
HOUSTON TX 77006

DUANE L OSTLER  
C/O SNOW JENSEN AND REECE  
TONAQUINT BUS PARK BLDG B  
912 W 1600 S STE 200  
ST GEORGE UT 84770

JOHN WEISHEIT  
CONSERVATION DIRECTOR  
LIVING RIVERS CO RIVERKEEPER  
PO BOX 466  
MOAB UT 84532

JOHN SEEBACH DIRECTOR  
HYDROPOWER REF INITIATIVE  
AMERICAN RIVERS  
1101 14<sup>TH</sup> ST NW STE 1400  
WASHINGTON DC 20005

ALICE E WALKER  
GREENE MYER AND MCELROY  
PC  
1007 PEARL ST STE 220  
BOULDER CO 80302

SOREN JESPERSEN  
OUTREACH COORDINATOR  
FRIENDS OF THE RIVER  
915 20TH ST  
SACRAMENTO CA 95814

CURTIS CESSPOOCH CHAIRMAN  
UTE INDIAN TRIBE  
988 E 7500 S  
PO BOX 190  
FORT DUCHESNE UT 84026

JOE NORMAN COOEYATE  
PUEBLO OF ZUNI  
PO BOX 339  
1203B STATE HWY 53  
ZUNI NM 87327

RANAE PETE BAND  
CHAIRWOMAN  
CEDAR BAND OF PAIUTE INDIANS  
PO BOX 235  
CEDAR CITY UT 84721

JEANINE BORCHARDT CHAIR  
INDIAN PEAKS BAND OF PAIUTES  
PO BOX 973  
CEDAR CITY UT 84721

PHIL PIKYAVIT BAND  
CHAIRMAN  
KANOSH BAND OF PAIUTE  
INDIANS  
PO BOX 101  
KANOSH UT 84637

CYNDI CHARLES CHAIRWOMAN  
KOOSHAREM BAND OF PAIUTES  
PO BOX 700  
RICHFIELD UT 84701

GLENN ROGERS BAND  
CHAIRMAN  
SHIVWITS BAND OF PAIUTES  
PO BOX 448  
SANTA CLARA UT 84765

TEN SWEET DIRECTOR  
NORTHERN AZ COUNCIL OF  
GOVERNMENTS  
119 E ASPEN AVE  
FLAGSTAFF AZ 86001-5222

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