

## **4.0 Consultation and Coordination**

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The 1995 EIS and 1996 Record of Decision called for an adaptive management approach to the management of the dam and powerplant. Since then, monitoring and research has substantially increased knowledge of the effects of dam operations on resources downstream in GCNP and GCNRA, including knowledge of effects to native and non-native fishes in the Colorado River downstream from the dam. Pursuant to the Grand Canyon Protection Act, the Colorado River Storage Project Act, and the other federal laws and regulations, this new EA should add to this knowledge and understanding.

### **4.1 Consultation**

Tribal consultations on a government-to-government basis are ongoing and will be completed before a decision notice is completed for the proposed action.

### **4.2 Public Scoping Activities**

Based on the previous experiments and before beginning preparation of this EA, a wide variety of people were contacted to get their ideas and concerns about the status of endangered fish in the Colorado River and possible treatments to reduce numbers of non-native fish, as well as the anticipated effects of these treatments. The Grand Canyon Monitoring and Research Center convened and conducted a Non-native Fish Workshop on March 30-31, 2010, to: (1) Describe non-native fish management in Grand Canyon, (2) identify critical issues and develop approaches to these issues, describe American Indian perspectives on management of native and non-native fish species, and (3) describe agency roles for non-native control in conservation and recovery of native fish in Grand Canyon. An integrated modeling workshop held April 14-15, 2010 and on October 12-15, 2010 helped to clarify the role of trout predation on the humpback chub and preliminarily identified possible strategies and treatments for managing trout populations in Grand Canyon. Reclamation also held meetings with flyfishing guides regarding the proposal on March 20, August 20, and December 20, 2010. Reclamation and the USGS also conducted a Structured Decision Making Project with two workshops, October 18-20 and November 8-10, 2010.

The draft EA was published on January 28, 2011 for a 30-day public review and comment period. In response to requests from the interested public, the comment period was extended to March 18, 2011. Thirty-five comment letters or emails were received and were fully considered in making revisions to the draft EA. This revised draft EA was circulated again for a two-week public review and comment on July 5, 2011 in order to provide the interested public the opportunity to review revisions to the previously published draft EA; this public comment period closed on July 26, 2011. There were 15 public comments received during the second comment period which were fully considered in making revisions to the final EA.

### **4.3 Agency Cooperation**

**Table 6. List of persons, agencies, and organizations consulted for purposes of this EA.**

<b>Name</b>	<b>Purpose &amp; Authorities for Consultation or Coordination</b>	<b>Findings &amp; Conclusions</b>
<b>Arizona Game &amp; Fish</b>	Consult with AZGFD as agency with expertise on fish and game species.	Data and analyses with respect to trout, fish, aquatic ecosystems, angler use, angler regulations.
<b>Arizona State Historic Preservation Officer</b>	Consult for undertaking, as required by NHPA (16 USC 470).	Concurrence with findings on eligibility and adverse effect under NHPA.
<b>Bodeway-Gap Chapter of the Navajo Nation</b>	Minority community for environmental justice and economic effects.	Data on effects to local economies and tribes.
<b>Bureau of Indian Affairs</b>	Consult with BIA over Indian trust assets and other American Indian tribal concerns.	Adverse effect under EO 13007.
<b>Coconino County</b>	Air quality data and concerns with economics and environmental justice.	Data on impacts to local economies.
<b>Hualapai Indian Tribe</b>	Consult regarding land and resource effects, consult with THPO over NHPA.	Information on impacts to cultural resources and local economies.
<b>Kaibab Band of Paiute Indians</b>	Consultation as required by the American Indian Religious Freedom Act of 1978 (42 USC 1531) and NHPA (16 USC 1531) and EO 13007.	Information on impacts to cultural resources.
<b>Marble Canyon and Lees Ferry Community</b>	Recreational and economic effects.	Data on impacts to local economies.
<b>National Park Service</b>	Land managing agency for GLCA and GRNP.	Data on visitor use and related impacts in GCNP and GCNRA.
<b>Navajo Nation</b>	Consult regarding land and resource effects, consult with THPO over NHPA. Project might require permits to access land.	Information on impacts to cultural resources and local economies.
<b>Paiute Indian Tribe of Utah</b>	Consultation as required by the American Indian Religious Freedom Act of 1978 (42 USC 1531) and NHPA (16 USC 1531) and EO 13007.	Information on impacts to cultural resources.
<b>Pueblo of Zuni</b>	Consultation as required by the American Indian Religious Freedom Act of 1978 (42 USC 1531) and NHPA (16 USC 1531) and EO 13007.	Information on impacts to cultural resources.
<b>U.S. Geological Survey</b>	Information regarding resources. Figure 1, science plans provided.	Data and analysis on biological, physical, cultural resources.
<b>U.S. Fish and Wildlife Service</b>	Consult with USFWS as an agency with expertise on fish and wildlife resources, including endangered species, under the ESA.	Data and analysis with respect to aquatic ecosystem and ESA compliance, final biological opinion on action.
<b>Western Area Power Administration</b>	Information regarding hydropower and environmental justice.	Data on impacts to hydropower.