



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE

WESTERN REGION
600 HARRISON STREET, SUITE 600
SAN FRANCISCO, CALIFORNIA 94107

2-21-89-62

PHX ES	DATE
SPILLER	
METZ	4/1
SINOR	
COX	
TYPIST	
BAKER	
BAUCOM	4/5
BILLS	
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N1621 (WR-RN/GICY)

March 26, 1991

To: Research Branch Supervisor, Arizona Game and Fish Department

From: ^{4/1} Regional Director, Western Region

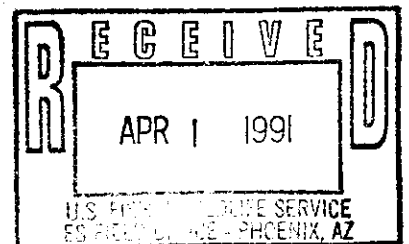
Subject: Second Amendment to Biological Opinion - Issuance of Permit to Arizona Game and Fish Department to Collect Humpback Chub in Grand Canyon National Park, Coconino, Arizona

As requested in your memorandum of February 27, 1991 to John Davis, Superintendent of Grand Canyon National Park, we have reviewed your proposed permit extension to June 30, 1991 to facilitate completion of research on the Humpback Chub (*Gila cypha*). We have subsequently completed required Section 7 consultation with the U.S. Fish and Wildlife Service (USFWS) for your request and have received a second amendment to the April 26, 1989 biological opinion approving your extension.

This letter and enclosed correspondence between the National Park Service and USFWS are to be considered authorization to proceed under the extension. This extension includes activities authorized under the 1990 permit with the level of take not to exceed 50 adult humpback chub. Under this permit restriction 31 humpback chub have been collected and 19 additional chub may be taken by Arizona Game and Fish prior to termination of the June 30, 1991 extension. The remaining 19 humpback chub must meet the minimum length requirements specified in the enclosed USFWS amendment.

Thank you for your continued assistance with conservation of this endangered species. If you have any questions with regard to this matter, please contact Dr. Mietek Kolipinski at (415) 744-3959.

enclosures



cc:

Superintendent, GRCA
Regional Director, USFWS
Field Supervisor, USFWS



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SAN FRANCISCO, CALIFORNIA 94107

IN REPLY REFER TO:

N1621 (WR-RN/GICY)

March 25, 1991

To: Field Supervisor, U.S. Fish and Wildlife Service, Arizona

From: Regional Director, Western Region

Subject: Second Amendment to Biological Opinion - Issuance of Permit to Arizona Game and Fish Department to Collect Humpback Chub on Grand Canyon National Park, Coconino County, Arizona

To facilitate completion of research by the Arizona Game and Fish Department (AGFD) pertaining to conservation of the Humpback Chub (Gila cypha) within Grand Canyon National Park, we request a second amendment to the April 26, 1989, biological opinion to cover the period through June 30, 1991.

This proposed extension would include activities specified in the 1990 permit with the level of take of not more than 50 adult humpback chubs to remain the same. Under this permit restriction 31 humpback chub have been collected and 19 additional humpback chub may be taken by AGFD prior to termination of the June 30, 1991 extension.

Thank you for your continued assistance with conservation of this endangered species. If you have any questions with this request please contact Dr. Mietek Kolipinski at (415) 744-3959 or (FTS) 484-3959.

cc:

Superintendent, GRCA
Regional Director, USFWS