



United States Department of the Interior

FISH AND WILDLIFE SERVICE

P.O. Box 1306
Albuquerque, New Mexico 87103

In Reply Refer To:
FWS/R2/NWRS-NR-WR

NOV 17 2008

Memorandum

To: Ms. Ruth Thayer, Group Manager, Water Accounting, Bureau of Reclamation, Boulder City, Nevada

From: Andrew Hautzinger, Hydrologist, Division of Natural Resources, NWRS, U.S. Fish and Wildlife Service, Albuquerque, New Mexico *Andrew B. Hautzinger*

Subject: Submission of Calendar Year 2009 Forecasted Diversions of Colorado River Water for the Imperial, Cibola, and Havasu National Wildlife Refuges

The U.S. Fish and Wildlife Service (Service) is pleased to provide the Bureau of Reclamation (Reclamation) with estimated forecasts of the amount of Colorado River water that will be diverted by Imperial, Cibola, and Havasu National Wildlife Refuges (Refuges) during calendar year 2009. These diversion estimates are supplied to Reclamation in conformance with CFR 43 Part 417.

As the table below indicates, the Service estimates that the combined diversion for the three lower Colorado River refuges will equal 66,939 acre-feet for 2009.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual Total
Imperial 2009	410	270	380	570	630	2,340	840	850	800	350	400	590	8,430
Cibola 2009	810	640	1,070	1,280	1,510	1,630	1,310	1,450	1,870	2,370	1,550	1,180	16,670
Havasu 2009	693	1899	4401	5730	5780	6760	5140	3920	3340	2088	1287	801	41,839
Combined Forecasted LCR NWR Diversion for 2009: 66,939 acre-feet													

Regarding the *Part 417 Consultation Questionnaire* Reclamation provided, please know that there were only a few updates needed from the Service's 2008 responses. During the Service/Reclamation Part 417 consultation meeting of October 14, 2008, I provided you the responses for 2009 that were not adequately captured in the responses from the prior year. Of course, we would be supportive of meeting and consulting with you and your staff in the coming year if Reclamation would like more details on the particulars of any of the refuges' activities.

The Service looks forward to working with Reclamation in our agencies continued collaboration to accurately account for the diversion and use of Colorado River water. If you have any questions regarding these diversion estimates, please do not hesitate to contact me at 505-248-7946.

cc: Havasu NWR
Bill Williams River NWR
Cibola NWR
Imperial NWR