



United States Department of the Interior



FISH AND WILDLIFE SERVICE

P.O. Box 1306
Albuquerque, New Mexico 87103

SEP 22 2011

In Reply Refer To:
FWS/R2/NWRS-WR/049554

Memorandum

To: Mr. Paul Matuska, Group Manager, Water Accounting, BOR, Boulder City, Nevada

From: Andrew Hautzinger, Hydrologist, Division of Water Resources, NWRS,
Albuquerque, New Mexico *Andrew Hautzinger*

Subject: Submission of Calendar Year 2012 Forecasted Diversions of Colorado River Water for the Imperial, Cibola and Havasu National Wildlife Refuges

By way of this memorandum, the U.S. Fish and Wildlife Service (Service) provides the Bureau of Reclamation (Reclamation) with estimated forecasts of the amount of Colorado River water that will be diverted by the Imperial, Cibola, and Havasu National Wildlife Refuges (Refuges) during calendar year 2012. 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 65,881 acre-feet for 2012.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual Total
Imperial 2012	250	239	240	280	318	899	408	418	360	223	198	390	4,223
Cibola 2012	1018	911	1286	1562	1870	1795	1835	1653	2288	2433	1839	1329	19,819
Havasu 2012	693	1899	4401	5730	5780	6760	5140	3920	3340	2088	1287	801	41,839
Combined Forecasted LCR NWR Diversion for 2011: 65,881 acre-feet													

Regarding the *Part 417 Consultation Questionnaire* Reclamation provided, please know that there are only a few updates needed from the Service's 2010 responses. As we have discussed, during the Service/Reclamation Part 417 consultation meeting to be scheduled in October, 2011, we will further discuss what water-related changes we envision seeing at the LCR refuges during 2012. 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.

Mr. Paul Matuska, Group Manager, Water Accounting, BOR

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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.

Mr. Paul Matuska, Group Manager, Water Accounting, BOR

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