



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Post Office Box 1306
Albuquerque, New Mexico 87103



In Reply Refer To:
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Memorandum

To: Group Manager, Water Accounting, Bureau of Reclamation, Boulder City, Nevada
Attention: Mr. Paul Matuska, *Paul*

From: Supervisory Hydrologist, Division of Water Resources, National Wildlife Refuge System, Southwest Region *Chadron*

Subject: Submission of Calendar year 2014 Forecasted Diversions of Colorado River Water for the Imperial, Cibola, and Havasu National Wildlife Refuges

In response to your letter dated August 08, 2013, 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 (CY) 2014. These diversion estimates are supplied to Reclamation in conformance with Code of Federal Regulations 43 Part 417 (Part 417).

As the table below indicates, the Service estimates that the combined diversion for the three lower Colorado River refuges will equal 66,594 acre-feet for CY2014.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total (acre-feet)
Imperial	352	352	352	352	352	352	352	352	352	352	352	352	4,224
Cibola	350	500	1,000	1,500	2,000	3,200	4,000	3,500	2,150	1,350	750	250	20,550
Havasu	770	2,110	4,890	5,520	5,570	6,550	4,930	3,710	3,130	2,320	1,430	890	41,820
Combined Forecasted LCR NWR Diversion for 2014:													66,594

Please be informed that there were only a limited number of updates for the CY2014 Part 417 Consultation Questionnaire from the Service's CY2013 responses. We would be interested in 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 Mr. Andrew Hautzinger, Supervisory Hydrologist at 505-248-7946, or Mr. Darrell Kundargi, Staff Hydrologist at 505-248-6430.

Attachment

cc: Havasu National Wildlife Refuges
Imperial National Wildlife Refuges
Cibola National Wildlife Refuges
Bill Williams, River National Wildlife Refuges