



Cocopah Tribe

Part 417 Consultation Questionnaire

The 43 Code of Federal Regulations, Part 417 (Part 417) obligates the Secretary of the Interior to see that releases of Colorado River water to Colorado River tribal entities will not exceed those reasonably required for beneficial use. Every year, the Cocopah Tribe (Tribe) is asked to submit an estimate of the Tribe's twelve month Colorado River diversion rate and anticipated monthly diversion schedules to the Bureau of Indian Affairs (BIA) for the following calendar year. The BIA is directed by Part 417 to consult with Colorado River tribal entities each year regarding water conservation measures, operating practices, and the beneficial use of Colorado River water.

For calendar year 2014, the Part 417 consultation is being supplemented with the collection of written information. This information, along with other relevant materials, will be examined by BIA Western Region staff. Following this examination, the Regional Director's determination of the approved diversion amount will be communicated in writing to the Tribe. Part 417 establishes procedures under which the Tribe may request modification of the determination or later appeal it to the Secretary of the Interior. Please review this Part 417 Consultation Questionnaire and reply to the listed topics.

Diversion: Provided in Table 1 is a historic review of the Tribe's demands for Colorado River water since calendar year 2008 based upon data acquired from the Bureau of Reclamation website on August 12, 2013 (<http://www.usbr.gov/lc/riverops.html>). Past water use is one factor that can be used in determining water requirements for the Tribe.

Table 1. Colorado River diversions for the Cocopah Tribe

Year	AZ Diversion (Acre-feet)
2013 Projected	6,134
2012	8,729
2011	12,123
2010	5,751
2009	5,064
2008	4,884

Part 417 Factors: Part 417.3 prescribes a list of factors to be examined by the BIA in approving a Tribe's annual water order. BIA consults annually with tribes utilizing Colorado River water on the Part 417.3 factors. The BIA requests an update of this information, and any additional written information that the Tribe desires to include, in order to support the Tribe's request for 2014 diversions. Please note that the implementation of water conservation measures may also affect water requirements.

Water Conservation Planning: In addition to providing a reply to each factor listed, the Tribe should also describe those activities implemented in 2013 which may influence the Tribe's water order for 2014.

Please respond to each item in the Consultation Questionnaire and fill out the attached diversion estimate table with your tribe's anticipated 2014 diversion quantities by month. The Tribe may return these completed forms to the BIA, or provide the requested information in a format of its choice, provided that the format addresses each factor. This written consultation, along with any other material considered to be relevant, will be used to determine the Tribe's approved diversion for calendar year 2014.

Part 417.3 Factors	2013 Reply	2014 Reply (Written)
Area to be Irrigated ¹	No Change	No Change
Climatic Conditions ²	Yuma MCAS Weather Station: 75.3° F annual mean; 2.9" avg. rain; 76.84" ETo	No Change
Location ³	No Change	No Change
Land Classification ⁴	No Change	No Change
Kinds of crops raised ⁵	No Change	No Change
Cropping Practices ⁶	No Change	No Change
Type of Irrigation System in Use ⁷	No Change	No Change
Condition of Water Carriage & Distribution Facilities ⁸	Not Applicable	Not Applicable
Record of water orders ⁹	No	Not Applicable
Record of Rejections of Water Orders ¹⁰	No	Not Applicable

¹ Has the Tribe added or reduced the number of turnouts or cultivated acres in its service area?

² List weather stations used, annual mean temperature and rainfall, and reference evapotranspiration (ETo).

³ Have there been any changes in the location of Tribe's facilities (e.g. canals, laterals, gates, etc.)?

⁴ Quantify crop acres moved between soil classifications and projected impact on water use.

⁵ List changes in crop types (e.g. more/less alfalfa than last year, etc...) and the projected impact on water use.

⁶ Identify projected changes to cropping practices (e.g. sprinkle germination, etc..) and the expected impact on water use.

⁷ Has there been a change in irrigation methods such as more/less drip acreage, level basin acreage, etc.?

⁸ Amount of water delivered/sold to customers in acre feet.

⁹ Does the Tribe amend daily water orders with the USBR more than three times a month?

¹⁰ Have water orders from farmers been rejected by the Tribe (e.g. for non-payment, etc.), which would impact its water order?

Part 417.3 Factors	2013 Reply	2014 Reply (Written)
General Operating Practices/Policies ¹¹	No Change	No Change
Operating Efficiencies ¹²	97%	No Change
Methods of Irrigation of the water users ¹³	No Change	No Change
Amount and rate of return flow to the CO river ¹⁴	Not Applicable	Diminished
Municipal Water Requirements ¹⁵	No Change	No Change
Provisions of Users Water Delivery Contract ¹⁶	No Change	No Change
Water Rates ¹⁷	No Change	No Change
Number of Ditch Riders ¹⁸	No Change	No Change
Water Conservation ¹⁹	Not Applicable	No Change
Other Relevant Factors ²⁰	Not Applicable	No Change

¹¹ Have there been any changes to operating practices or policies? If so, describe the new operating practice or attach a description of the new policy.

¹² Total water consumed divided by total water diverted in percent.

¹³ Types of irrigation management practices employed (e.g. surge, cutback, etc.). Describe any changes to the type of management practice utilized and provide the quantity of acres affected by these changes.

¹⁴ Amount (cfs) and average rate (ft/sec) of return flow to the river.

¹⁵ The amount of water going to non-agricultural uses (municipal, industrial, feedlots, other, etc...) in acre feet.

¹⁶ Have there been any changes in the water service contract?

¹⁷ Have there been any changes in water rates? If so, submit the changed rates.

¹⁸ Number of ditch riders and areas/divisions each ditch rider works.

¹⁹ How much money will be spent by the Tribe on water conservation for 2014?

²⁰ Optional, please identify any other relevant factor/factors and explain why it would impact the water order.

WATER CONSERVATION PLAN IMPLEMENTATION²¹

2013 Activity

1.	Irrigation practice and improvement.
2.	
3.	
4.	

OTHER²²

Paul Lot
Signature

9-16-13
Date

²¹ Water conservation activities/measures/practices the Tribe implemented in 2013.

²² Other relevant materials to submit (e.g. new water conservation plan, transfers, water price sheet, etc.).

Cocopah Indian Tribe Diversion Estimates by Month

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SUBTOTAL	TOTAL
2013 Diversion Estimates (ac-ft.)	200	300	500	500	900	900	900	700	700	650	500	400	7,150	10,050
2013 Pumping Estimates (ac-ft.)	125	160	210	225	275	340	365	350	275	230	185	160	2,900	
2014 Diversion Estimates (ac-ft.)	200	300	500	500	900	900	900	700	700	650	500	400	7,150	10,055
2014 Pumping Estimates (ac-ft.)	125	160	200	250	275	320	375	350	275	230	180	165	2,905	