



Below..TABLE 1 IRRIGATION SCHEDULE

field	Acre S	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
#13	83	I	I	I	I	I/F	F	F	F	F	F	F/I	I
#16	77		I	I	I								
#17	42	I	I	I	I	I/F	F	F	F	F	F	F/I	I
#18	74	I	I	I	I	I/F	F	F	F	F	F	F/I	I
#19	74	I	I	I	I	I/F	F	F	F	F	F	F/I	I
#20	71	I	I	I	I/F	F	F	F	F	F	F	I	I
#21	75	I	I	I	I/F	F	F	F	F	F	F	I	I
#22	75	I	I	I	I/F	F	F	F	F	F	F	I	I
#23	76	I	I	I	I/F	F	F	F	F	F	F	I	I
#24	77	I	I	I	I/F	F	F	F	F	F	F	I	I
#25	77	I	I	I	I/F	F	F	F	F	F	F	I	I
#26	144	I	I	I	I/F	F	F	F	F	F	F	I	I
#29	52	I	I	I	I/F	F	F	F	F	F	F	I	I

I= Irrigated F= Fallowed Blank+ No Irrigation but pastured

The conservation goal in 2011 was to divert no more than 14,671 acre feet of the Tribe's 16,720 Acre foot entitlement thus demonstrating conservation in the amount of 2,049 acre feet. While our facilities do not allow for measuring water deliveries to individual fields, provisional data indicates that the Tribe's actual diversion in 2011 was 14,653 acre fee. This is demonstrated in Table 2

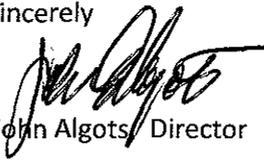
TABLE 2 2011 COLORADO RIVER DIVERSIONS, FORT MOJAVE INDIAN TRIBE, CA RESERVATION  
PROVISIONAL DATA AS OF FEBRUARY 22, 2012

Month	2011 ACTUAL DIVERSIONS (ACRE FEET)
January	434 af
February	926
March	2,290
April	1,576
May	1,965
June	1,622
July	1,275
August	1,972
September	585
October	450
November	1,191
December	367
TOTAL	14,653

Attached for your reference is a copy of the Tribe's approved *INADVERTENT OVERRUN AND PAYBACK POLICY-2011 PAYBACK PLAN*. Also attached is a field map showing the location of the fields participating in the conservation program.

Please do not hesitate to contact me should you have any questions.

Sincerely

A handwritten signature in black ink, appearing to read "John Algots". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John Algots, Director

Copy:

Timothy Williams, Chairman

FORT MOJAVE INDIAN TRIBE CALIFORNIA RESERVATION  
INADVERTENT OVERRUN AND PAYBACK POLICY (IOPP)  
2011 PAYBACK PLAN  
(Revised 11/22/11)

**1. Cause of Inadvertent Overrun**

In 2006 new water metering instrumentation was installed to increase the accuracy of the Fort Mojave Indian Tribe, California Reservation, Colorado River diversions. The new instrumentation indicated that the Tribe was diverting more water than it had anticipated. Since this discovery the Tribe has worked to lower its diversion of Colorado River water to within its decreed entitlement of 16,720 acre-feet (af) . The Tribe overran its California Colorado River decreed amount in 2007, in the amount of 4,603 af. In 2009, the Tribe incurred an additional overrun, for which the payback obligation is 1,212 af as documented in Reclamation's letter dated October 20, 2011. In accordance with the Tribe's approved IOPP 2010 Payback Plan the Tribe successfully conserved 4,070 af during 2010 which was applied to the overrun balance. The Tribe exceeded that schedule and actually diverted only 11,773 acre feet foregoing the use of 4,947 acre feet in 2010.

**2. IOPP Conservation Measure that will be Implemented**

The Tribe's Revised Payback Plan for Calendar Year 2011 defines a partial year fallowing program that will conserve a minimum of 2,049 af of Colorado River water. The Tribe would have irrigated these lands in the absence of this payback obligation. The conserved water will pay back the following obligations:

- 837 af - Remaining payback from the 2007 overrun
- 1,212 af - Remaining payback from the 2009 overrun

**3. Location and Schedule of Fallowing with Amount of Water Conserved**

All but approximately 200 af of the Tribe's 16,720 acre foot decreed Colorado River water entitlement in California is diverted by the Tribe's wholly owned Avi Kwa'Ame Farms and it is this entity that will be responsible for any payback obligation.

Avi Kwa'Ame Farms will meet the Tribe's payback obligation by partial year fallowing of Fields #13, #16-26, and # 29 for a total of 997 acres.

The remainder of the farm will not be affected by this payback plan.

The Tribe has fallowed 997 acres of land, normally planted to cotton or alfalfa, for a minimum of six months beginning in early April, immediately after the winter grown, small grain forage crop was harvested. This will conserve approximately 2,309 af of irrigation water, more than sufficient to meet the 2,049 af payback obligation.

The calculation of conserved water is presented in *Table A*, Page 4.

#### **4. Monitoring and Verifying IOPP Conservation Measure**

The Reservation and all water diversion records are available for inspection at any time upon reasonable notice. Reclamation will perform satellite and field verification to ensure that the fields remain fallow during the period outlined.

All water diverted directly from the Colorado River by Avi Kwa'Ame Farms is metered through Bureau of Reclamation maintained gauges. Real time data is available on the Reclamation website at <http://www.usbr.gov/lc/region/g4000/riverdata/index.html> under *Additional Real Time Gauges > California 1, California 2 North, South & West*. There are also two wells irrigating a total of 126 acres, now in alfalfa. This usage is reported in the *Other Ag* column on the Tribe's monthly water report to Reclamation. The usage in the California Village is reported in the *Municipal* column of the monthly water report.

Irrespective of all other conservation measure, all irrigation will cease in the event total diversions reach 14,671 a.f..

Table #1 SCHEDULE OF DIVERSIONS (acre feet)  
(revised 11/22/11)

Month	Avi Kwa'Ame		Others		2011 Totals		2011 Water Order
	Actual	Projected	Actual	Projected	Actual	Projected	
January	432		3		435		435
February	926		3		929		929
March	2,285		5		2,290		2,290
April	1,572		6		1,578		1,578
May	1,959		8		1,967		1,967
June	1,619		9		1,628		1,628
July	1,269		8		1,277		1,277
August	1,962		8		1,970		1,959
September	579		6		585		433
October	433		6		439		287
November		1,150		5		1,155	944
December		414		4		418	944
<b>TOTAL</b>		14,600		71		14,671	14,671

With the successful completion of the 2011 payback schedule, as outlined above, the Fort Mojave Indian Tribe will order and resume diverting its full 16,720 acre foot Colorado River allocation in 2012 and subsequent years.

\_\_\_\_\_ Date \_\_\_\_\_

John Algots, Director  
Department of Physical Resources

TABLE A

Page

4

Field #	Acres	NORMAL YEAR			IOPP PAYBACK YEAR 2011 Min 2049 Acre Feet			
		Crop	AF/A	Total	Practice	AF/A	Total	Conserved
1	53	Bermuda grass seed & hay	5.2	275.6	Normal	5.2	275.6	0
2	53	Bermuda grass seed & hay	5.2	275.6	Normal	5.2	275.6	0
3	85	Bermuda grass seed & hay	5.2	442.0	Normal	5.2	442.0	0
4	84	Bermuda grass seed & hay	5.2	436.8	Normal	5.2	436.8	0
4b	27	Bermuda grass seed & hay	5.2	140.4	Normal	5.2	140.4	0
6	85	Bermuda grass seed & hay	5.2	442.0	Normal	5.2	442.0	0
6b	45	Bermuda grass seed & hay	5.2	234.0	Normal	5.2	234.0	0
7	75	Bermuda grass seed & hay	5.2	390.0	Normal	5.2	390.0	0
8	60	Bermuda grass seed & hay	5.2	312.0	Normal	5.2	312.0	0
9	77	Bermuda grass seed & hay	5.2	400.4	Normal	5.2	400.4	0
10	74	Bermuda grass seed & hay	5.2	384.8	Normal	5.2	384.8	0
11	60	Bermuda grass seed & hay	5.2	312.0	Normal	5.2	312.0	0
12	66	Bermuda grass seed & hay	5.2	343.2	Normal	5.2	343.2	0
13	83	Cotton	4.3	356.9	Sm grain forage & 6 mos fallow	3.2	265.6	91.3
14	75	Okra seed	6.0	450	Normal	6.0	450.0	0
16	77	Okra seed	6.0	462	Bermuda grass pasture	5.0	385.0	77
17	42	Cotton	4.3	180.6	Sm grain forage & 6 mos fallow	3.2	134.4	46.2
18	74	Cotton	4.3	318.2	Sm grain forage & 6 mos fallow	3.2	236.8	81.4
19	74	Cotton	4.3	318.2	Sm grain forage & 6 mos fallow	3.2	236.8	81.4
20	71	Alfalfa hay	8.0	568.0	Sm grain forage & 6 mos fallow	3.2	227.2	340.8
21	75	Alfalfa hay	8.0	600.0	Sm grain forage & 6 mos fallow	3.2	240.0	360.0
22	75	Alfalfa hay	8.0	600.0	Sm grain forage & 6 mos fallow	3.2	240.0	360.0
	76	Alfalfa hay	8.0	608.0	Sm grain forage & 6 mos fallow	3.2	243.2	364.8
24	77	Cotton	4.3	331.1	Sm grain forage & 6 mos fallow	3.2	246.4	84.7
25	77	Alfalfa hay	8.0	616.0	Sm grain forage & 6 mos fallow	3.2	246.4	369.6
26	144	Small grain hay	3.7	532.8	Sm grain forage & 6 mos fallow	3.2	460.8	72.0
28	122	Fallowed	0	0	Fallowed		0	0
29	52	Cotton	4.3	223.6	Sm grain forage & 6 mos fallow	3.2	166.4	57.2
<b>TOTALS</b>	<b>2,038</b>		<b>5.3</b>	<b>10,554.2</b>		<b>4.3</b>	<b>8,167.8</b>	<b>2,386.4</b>

# Russell Unit

2,038 Acres

