

BEATTIE FARMS SOUTHWEST (FARM)
INADVERTENT OVERRUN AND PAYBACK POLICY (IOPP)
Certification Report for CALENDAR YEAR 2013

1. Cause of Inadvertent Overrun

As reported in the *Colorado River Accounting and Water Use Report Arizona, California, and Nevada, Calendar Year 2011* the Farm incurred an overrun in the amount of 453 acre-feet in 2011. Prior to July 2012, the Farm's diversions were unmetered, and this was the cause of the overrun. In July 2012, the Farm installed a meter and has since been measuring and reporting its diversions on a monthly basis.

In accordance with the IOPP, and in response to the Bureau of Reclamation's letter dated June 22, 2012, Griffin Ranches, Inc. submitted an IOPP Payback Plan (Plan) dated August 9, 2012. This Plan defined a 3-year fallowing program, to be implemented during calendar years 2013-2015, to conserve the amount of water necessary to meet the Farm's 453 acre-foot payback obligation. After consulting with the Inadvertent Overrun and Payback Technical Committee, Reclamation approved the Farm's Plan by letter dated December 31, 2012.

2. Conservation Measure(s) implemented in Calendar Year 2013 to Meet the Farm's Required Payback Obligation

The Farm was required to pay back a minimum of 379 acre-feet in calendar year 2013. As outlined in its approved Plan, the Farm fallowed a total of 76.28 acres from January - December 2013 in order to meet the Farm's payback obligation. Based on an application rate of 5 acre-feet per acre, it was anticipated that by fallowing this acreage, the Farm would conserve 381.4 acre-feet in 2013, which would meet its 2013 obligation.

Records of the Farm's diversions through June 2013 combined with projected diversions for the remainder of the year indicated that the Farm was in danger of slightly exceeding its adjusted entitlement of 731 acre-feet. To ensure the Farm met its 2013 payback obligation, the Farm fallowed an additional 72.69 acres beginning July 1, 2013 through December 31, 2013 (see Table 1 and Attachment #1). From July 1 through December 31, 2013, blocks 378, 379, 383a and 383c, a total of 72.69 acres, were fallowed which resulted in the 1.24 acre-feet per block savings (91 acre-feet saved divided by 72.69 acres = 1.24 acre feet).

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

The locations of the fields that were fallowed are shown in Table 1 and on the attached map (Attachment #1). Historically, and in the absence of a payback obligation, these fields would be farmed in alfalfa.

Table 1. Beattie Farms Fallowed Fields and Conservation, Calendar Year 2013.

Year	Field/ Block #	Acres	Acre-feet/Acre	Acre-feet Conserved
2013				
Original	369	2.91	5	14.55
	370	21.34	5	106.7
	371	4.80	5	24
	372	16.11	5	80.55
	373	4.00	5	20
	375	9.33	5	46.65
	376	11.79	5	58.95
	380	6.00	5	30
	Subtotal	76.28		381.40
Additional*	378	13.30	1.24	16.49
	379	19.17	1.24	23.77
	383A	18.81	1.24	23.32
	383C	21.41	1.24	26.55
	Subtotal	72.69		90.14
Total 2013**		149		472

*Additional fallowing performed from July 1 - December 31, 2013.

**Rounded to the nearest acre-foot.

4. Monitoring and Verifying IOPP Conservation Measure

The Farm continued to monitor its diversions in 2013 and, as noted above, made appropriate adjustments to ensure its conservation targets were being achieved through its fallowing program. During calendar year 2013, the Farm diverted 638 acre-feet, which is 472 acre-feet below its 1,110 acre-foot entitlement, and 93 acre-feet below its 2013 adjusted entitlement of 731 acre-feet.

The Bureau of Reclamation performed quarterly field verification inspections on the fields outlined in the Farm's approved Plan to confirm that the fields remained fallow during the entire period. For those fields added to the program beginning July 1, the Farm proposes that satellite imagery be used to provide the required verification.

Based on the information provided above and the Farm's 2013 diversion of 638 acre-feet, the Farm certifies that it has conserved a total of 472 acre-feet in calendar year 2013 as a result of the extraordinary conservation measures implemented by the Farm. Therefore, the Farm requests that 379 acre-feet be applied towards the Farm's 2013 payback obligation, and the remaining 93 acre-feet be applied as early payback toward the Farm's 2013 obligation.


 Raymond Griffin, President
 Griffin Ranches, Inc.

Attachment #1

