

[SUMMARY OF FINAL SUBMITTED VERSION]**SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2012**

Primary Owner: Reclamation District No. 1004

Statement Number: S020164

Date Submitted: 2013-07-01

1. Water is used under	Pre-1914 Claim
2. Year of first use	1912

3-4. Maximum Rate of Diversion for each Month and Amount of Water Diverted and Used

Month	Rate of diversion	Amount directly diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January		906	906
February		0	0
March		0	0
April		0	0
May		29	29
June		182	182
July		132	132
August		0	0
September		0	0
October		0	0
November		740	740
December		256	256
Total		2245	2245
Comments			

5. Water Diversion Measurement

a.	Measurement	Water directly diverted and/or diverted to storage was measured
b.	Types of measuring devices used	Propeller Meter
c.	Additional technology used	Flow Totalizer
	Description of additional technology used	Flow Totalizer
d.	Who installed your measuring device(s)	Other/Unknown: USBR
e.	Make, model number, and last calibration date of your measuring device(s)	Devices are inspected, maintained, and calibrated by USBR.
f.	Why direct measurement using a device listed in Section 1 is "not locally cost effective"	
	Explanation of why use of devices and technologies listed in Section 1 are "not locally cost effective"	
g.	Method(s) used as an alternative to direct measurement	
	Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use

Irrigation	1804 Acres
Other	1804 acres - Rice straw decomposition, wildlife enhancement, recreation

7. Changes in Method of Diversion

8. Conservation of Water

Are you now employing water conservation efforts?	Yes
a. Describe any water conservation efforts you have initiated	The Districts objective is to maximize the beneficial use of water by implementing numerous water conservation efforts including, variable frequency drives, irrigation scheduling techniques and technologies, water conservation programs for landowners, weed management programs, canal lining, pipeline installation, and educational tools for staff and its landowners. The Districts landowners have implemented numerous water conservation efforts including, but not limited to land leveling, irrigation scheduling techniques and technologies, varietal changes, crop shifts, drainage improvements, reduced spill from rice fields, and minimum tillage techniques. In addition, the District operates an extensive tail water recovery and recirculation system. The quantity water conserved through the actions taken by individual landowners and farmers has not been determined. Absent the Districts recirculation this additional quantity water would have been diverted to meet the demands within the District.
Amount of water conserved	0 Acre-Feet
b. I have data to support the above surface water use reductions due to conservation efforts.	No

9. Water Quality and Wastewater Reclamation

a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility, or water polluted by waste to a degree which unreasonably affects such water for other beneficial causes?	No
Amount of reduced diversion	
Type of substitute water supply	
b. Amount of substitute water supply used	
I have data to support the above surface water use reductions due to the use of a substitute water supply	

10. Conjunctive Use of Surface Water and Groundwater

a. Are you now using groundwater in lieu of surface water?	No
b. Amount of groundwater used	
I have data to support the above surface water use reductions due to the use of groundwater.	

11a. Additional Remarks

Purpose of Use: The acreage identified includes the total acreage irrigated in 2012 under Permit 16771, License 3165 (Application 27), and the riparian rights of the District and its landowners. This acreage is also within the service area and receives water under Contract 14-06-200-890A-R-1 between Reclamation District No. 1004 and the U.S. Bureau of Reclamation. Quantities diverted at this point of diversion by the District during the period April through October are reported by the District on the Report of Licensee for License 3165. The place of use is approximately 1,805 acres within Butte Creek Farms and RD 1004. Tail

water originating from this diversion is comingled with tail water from other points of diversion and sources available to the District and is re-circulated for use throughout the Districts boundaries.

Attachments		
File Name	Description	Size
No Attachments		

Contact Information of the Person Submitting the Form	
First Name	MBK Engineers
Last Name	MBK Engineers
Relation to Water Right	Authorized Official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes