

**[SUMMARY OF FINAL SUBMITTED VERSION]****SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2011**

Primary Owner: Reclamation District No. 1004

Statement Number: S020172

Date Submitted: 2013-08-22

1. Water is used under	Riparian Claim 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		0	0
February		0	0
March		0	0
April		0	0
May		0	0
June		1036	1036
July		3060	3060
August		3329	3329
September		0	0
October		0	0
November		0	0
December		0	0
Total		7425	7425
Comments			

**5. Water Diversion Measurement**

a. Measurement	Water directly diverted and/or diverted to storage was measured
b. Types of measuring devices used	Other: Mace Doppler Meter
c. Additional technology used	Flow Totalizer
Description of additional technology used	Flow Totalizer
d. Who installed your measuring device(s)	Representative using manufacturer's recommendations
e. Make, model number, and last calibration date of your measuring device(s)	
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	20434 Acres
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Other	20434 acres - Rice straw decomposition, wildlife enhancement, recreation
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**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 2011 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. 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.

<b>Attachments</b>		
<b>File Name</b>	<b>Description</b>	<b>Size</b>
No Attachments		

<b>Contact Information of the Person Submitting the Form</b>	
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