

**[SUMMARY OF FINAL SUBMITTED VERSION]****SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FOR 2014**

Primary Owner: Reclamation District No. 1004

Statement Number: S020165

Date Submitted: 2015-06-29

1. Water is used under	Riparian Claim Pre-1914 Claim
2. Year diversion commenced	1912

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

Month	Rate of diversion	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount beneficially used (Acre-Feet)
January		0	0	0
February		341	0	341
March		0	0	0
April		0	0	0
May		588	0	588
June		44	0	44
July		719	0	719
August		489	0	489
September		270	0	270
October		455	0	455
November		73	0	73
December		0	0	0
Total		2979	0	2979
Comments				

**Water Transfers**

8e. Water transferred	No
8f. Quantity transferred (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

**Water Supply Contracts**

8i. Water supply contract	Yes
8j. Contract with	USBR
8k. Other provider	USBR
8l. Contract number	14-06-200-890A
8m. Source from which contract water was diverted	Sacramento River
8n. Point of diversion same as identified water right	No
8o. Amount (Acre-Feet) authorized to divert under this contract	71400
8p. Amount (Acre-Feet) authorized to be diverted in 2014	53550
8q. Amount (Acre-Feet) projected for 2015	53550
8r. Exchange or settlement of prior rights	No
8s. All monthly reported diversion claimed under the prior rights	No

8t. Amount (Acre-Feet) of reported diversion solely under contract	0
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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"	
Method(s) used as an alternative to direct measurement	
g. Explanation of method(s) used as an alternative to direct measurement	

6. Purpose of Use	
Irrigation	19878 Acres
Other	18891 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 additional water would have been diverted to meet the demands within the District.
Amount of water conserved	Acre-Feet
b. I have data to support the above surface water use reductions due to	

conservation efforts.	
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### 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?	Yes
	Amount of groundwater used	2493 Acre-Feet
b.	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 under Permit 16771, License 3165 (Application 27), and the riparian and pre-1914 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. Additionally, quantities diverted at this point of diversion are reported by the District under Permit 16771 during periods the permit was not curtailed. The place of use is approximately 22,000 acres within the boundaries of RD 1004. Tail water originating from this diversion is commingled with tail water from other points of diversion and sources available to the District and is re-circulated for use throughout the Districts boundaries. Conjunctive Use: Approximately 2,493 acre-feet of groundwater was pumped from the Districts Pearl well to augment the water supply in 2014. In addition, an undetermined amount of groundwater was pumped from privately owned groundwater wells.

### 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	Other: Agent
The information in the report is true to the best of his/her knowledge and belief	Yes