

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

Primary Owner: Reclamation District No. 1004

Statement Number: S020170

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 | | 0 | 0 | 0 |
| March | | 0 | 0 | 0 |
| April | | 0 | 0 | 0 |
| May | | 0 | 0 | 0 |
| June | | 32 | 0 | 32 |
| July | | 40 | 0 | 40 |
| August | | 32 | 0 | 32 |
| September | | 25 | 0 | 25 |
| October | | 0 | 0 | 0 |
| November | | 0 | 0 | 0 |
| December | | 0 | 0 | 0 |
| Total | | 129 | 0 | 129 |
| 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 | Yes |
| 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 | Yes |
| 8s. All monthly reported diversion claimed under the prior rights | No |

| | |
|--|---|
| 8t. Amount (Acre-Feet) of reported diversion solely under contract | 0 |
|--|---|

| 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 |
| c. 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" | |
| f. 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 | |
| g. Explanation of method(s) used as an alternative to direct measurement | |

| 6. Purpose of Use | |
|-------------------|------------|
| Irrigation | 1061 Acres |

| 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. | |

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 |
| b. | Amount of reduced diversion | |
| | Type of substitute water supply | |
| | 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 2013 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. Quantities diverted at this point of diversion by the District during the period April and May are reported by the District on the Report of Licensee for License 3165. The place of use is approximately 1,061 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 | Other: Authorized Official |
| The information in the report is true to the best of his/her knowledge and belief | Yes |