

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

Primary Owner: JOINT WATER DISTRICTS BOARD

Statement Number: S000480

Date Submitted: 2015-06-29

|                             |                |
|-----------------------------|----------------|
| 1. Water is used under      | Pre-1914 Claim |
| 2. Year diversion commenced | 1904           |

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

| Month     | Rate of diversion (CFS) | Amount directly diverted (Acre-Feet) | Amount diverted or collected to storage (Acre-Feet) | Amount beneficially used (Acre-Feet) |
|-----------|-------------------------|--------------------------------------|---|--------------------------------------|
| January   | 1090                    | 28620                                | 28620   | 28620                                |
| February  | 0                       | 0                                    | 0   | 0                                    |
| March     | 0                       | 0                                    | 0   | 0                                    |
| April     | 982                     | 7287                                 | 7287  | 7287                                 |
| May       | 1875                    | 85314                                | 85314   | 85314                                |
| June      | 1666                    | 78356                                | 78356   | 78356                                |
| July      | 1696                    | 85407                                | 85407   | 85407                                |
| August    | 1561                    | 74734                                | 74734   | 74734                                |
| September | 879                     | 35799                                | 35799   | 35799                                |
| October   | 1231                    | 52087                                | 52087   | 52087                                |
| November  | 680                     | 23823                                | 23823   | 23823                                |
| December  | 0                       | 0                                    | 0   | 0                                    |
| Total     |                         | 471427                               | 471427  | 471427                               |
| Comments  |                         |                                      |   |                                      |

**Water Transfers**

|                                      |             |
|--------------------------------------|-------------|
| 8e. Water transferred                | Yes         |
| 8f. Quantity transferred (Acre-Feet) | 70378       |
| 8g. Dates which transfer occurred    | 5/1 to 9/30 |
| 8h. Transfer approved by             | DWR         |

**Water Supply Contracts**

|   |               |
|---|---------------|
| 8i. Water supply contract   | Yes           |
| 8j. Contract with   | DWR           |
| 8k. Other provider  | None          |
| 8l. Contract number   | None          |
| 8m. Source from which contract water was diverted                 | Feather River |
| 8n. Point of diversion same as identified water right             | Yes           |
| 8o. Amount (Acre-Feet) authorized to divert under this contract   | 555000        |
| 8p. Amount (Acre-Feet) authorized to be diverted in 2014          | 555000        |
| 8q. Amount (Acre-Feet) projected for 2015                         | 406347        |
| 8r. Exchange or settlement of prior rights                        | Yes           |
| 8s. All monthly reported diversion claimed under the prior rights | Yes           |

|  |   |
|--|---|
| 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   | Acoustic Meter<br>Pressure transducer and storage capacity curve<br>Staff gage and storage capacity curve<br>Other: Official diversion measurement maintained by DWR and reported in monthly diversion reports provided by DWR |
| c. Additional technology used  | Data Logger<br>Flow Totalizer<br>Telemetry   |
| Description of additional technology used  |  |
| d. Who installed your measuring device(s)  | Licensed Civil or Agricultural Engineer  |
| 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"               |  |
| 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        | 100619 Acres |
| Stockwatering     | 0            |
| Domestic          | 0            |
| Other             | 0            |

| 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    | The Joint Water Districts maximize the beneficial use of water through implementation of numerous water conservation efforts including, but not limited to, recirculation of drain water, automated water level control structures, irrigation scheduling techniques and technologies, and weed management programs. In addition, in individual Districts' landowners have implemented numerous water conservation efforts including, but not limited to, land leveling, irrigation scheduling techniques and technologies, installation of drip irrigation systems, varietal changes, drainage improvements, reduced spill from rice fields, and minimum tillage techniques. Also, Districts have installed on-farm water meters in accordance with SB7X7. The total quantity of water conserved by the Joint Water Districts each year is variable and depends upon numerous factors including, but not limited to, climatic conditions, hydrologic conditions, individual Districts' operational practices, and on-farm operational practices. Differentiating and measuring for quantifying |

|   |  |
|---|--|
| have initiated  | conserved water for some efforts is difficult, and in some cases, not possible or feasible due to the complexity of the multiple variables involved. The Joint Water Districts will continue to implement the best available and locally feasible conservation methods to improve their irrigation delivery system and water use efficiency. The District and its landowners participated in a water transfer program which involved the temporary idling of approximately 18,805 acres within the District. This program resulted in a consumptive use savings of approximately 62,057 acre-feet. The actual reduction in diversions resulting from the 2014 cropland idling program are estimated to be approximately 139,620 acre-feet. |
| Amount of water conserved   | 0 Acre-Feet  |
| b. I have data to support the above surface water use reductions due to conservation efforts. | Yes  |

**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  | 8321 Acre-Feet |
| b. I have data to support the above surface water use reductions due to the use of groundwater. | Yes            |

**11a. Additional Remarks**

In reference to Part 4, 8j; The agreement is made by and between the State of California, acting by and through the Department of Water Resources and the Joint Water Districts. In reference to Part 4, 8o and 8p; The settlement agreement for the Joint Water Districts allows for a diversion of 555,000 acre-feet of water during the irrigation season (April 1 through October 31). During the non-irrigation (non-allotted) water season water can be and historically is diverted for reasonable beneficial use. In reference to Part 4, 8q; On April 8, 2015 the Districts were officially informed that, based on the forecasts contained in the Department's April 1, 2015 Bulletin 120, they would receive only 50% supplies under the Settlement Agreements (315,000 acre-feet) for the irrigation season (April 1 through October 31). The total diversions reported under this Water Right ID consist of water diverted at both the Sutter Butte Canal and Richvale Canal. Both points of diversion are located at the Lake Oroville Afterbay and all diversions reported herein are under the same pre-1914 water rights.

**Attachments**

| File Name      | Description | Size |
|----------------|-------------|------|
| No Attachments |             |      |

**Contact Information of the Person Submitting the Form**

|   |                    |
|---|--------------------|
| First Name  | Donnie             |
| Last Name   | Stinnett           |
| Relation to Water Right   | Diverter of Record |
| The information in the report is true to the best of his/her knowledge and belief | Yes                |