

**[SUMMARY OF FINAL SUBMITTED VERSION]****PROGRESS REPORT BY PERMITTEE FOR 2014**

Primary Owner: RECLAMATION DISTRICT #1004

Primary Contact: MBK ENGINEERS

Date Submitted: 2015-06-29

Application Number: A023201

Permit Number: 016771

Source(s) of Water	POD Parcel Number	County
BUTTE CREEK		Colusa
BUTTE CREEK		Colusa
BUTTE SLOUGH		Colusa
BUTTE SLOUGH		Colusa
BUTTE SLOUGH		Sutter

MAX Direct Diversion Rate: 140.0 CFS

MAX Collection to Storage: 0.0 AC-FT

Face Value: 36000.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Irrigation	14700.0	04/01 to 06/15 09/01 to 09/15	
Recreational	0.0	09/15 to 01/31	

**1. Permit Review**

I have reviewed my water right permit	Yes
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**2. Compliance with Permit Terms and Conditions**

I am complying with all terms and conditions	Yes
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Description of noncompliance with terms and conditions	
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**3. Changes to the Project**

Intake location has been changed	
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Description of intake location changes	
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Type of use has changed	
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Description of type of use changes	
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Place of use has changed	
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Description of place of use changes	
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Other changes	
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Description of other changes	
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**4-6. Permitted Project Status**

Project Status	Complete
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6a. Construction work has commenced	
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6b. Construction is completed	
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6c. Beneficial uses of water has commenced	
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6d. Project will be completed within the time period specified in the permit	
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6e. Explanation of work remaining to be done	
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6f. Estimated date of completion	
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**7. Purpose of Use**

Recreational	Recreation
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Irrigation	14700 Acres Mixed Crop Types
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8. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	857	0	857
February	0	0	0
March	0	0	0
April	1119	0	1119
May	2275	0	2275
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	152	0	152
December	22	0	22
Total	4425	0	4425
Comments	Dry conditions and Term 91 curtailments limited the amount of water diverted under Permit 16771 in 2014. The place of use received water under RD 1004's Contract with the US Bureau of Reclamation (see Report Section on Water Supply Contracts) and groundwater pumped from District and individual landowner wells. See Remarks for additional information.		

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	Yes
8s. All monthly reported diversion claimed under the prior rights	Yes
8t. Amount (Acre-Feet) of reported diversion solely under contract	0

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion ( )
January	
February	
March	
April	
May	
June	

July	
August	
September	
October	
November	
December	

### 10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

### Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	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. The quantity water conserved through the actions taken by individual landowners and farmers has not been determined. In addition, the District operates an extensive tail water recovery and recirculation system. Absent the Districts recirculation additional water would have been diverted to meet the demands within the District.
12. Amount of water conserved	

### Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
14. Amount of reclaimed, desalinated, or polluted water used	

### Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

### Additional Remarks

Purpose of Use: The acreage identified includes the total acreage irrigated in 2014 under Permit 16771, License 3165 (Application 27), and the riparian and pre-1914 rights of the District and its landowners reported under Statement Nos. S020165, S020166, S020168, S020169, and S020172. 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. Conjunctive Use: Approximately 8,530acre-feet of groundwater was pumped from District owned wells to augment the water supply in 2014. In addition an undetermined amount was pumped from private landowner 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
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes