

**[SUMMARY OF FINAL SUBMITTED VERSION]****PROGRESS REPORT BY PERMITTEE FOR 2012**

Primary Owner: RECLAMATION DISTRICT #1004

Primary Contact: MBK ENGINEERS

Date Submitted: 2013-08-22

Application Number: A023201

Permit Number: 016771

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

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	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

**4-6. Permitted Project Status**

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

**7. Purpose of Use**

Recreational	Recreation
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Irrigation	7000 Acres Mixed Crop Types
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8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	2298	2298
February	0	0
March	0	0
April	324	324
May	4965	4965
June	3273	3273
July	0	0
August	0	0
September	5429	5429
October	3398	3398
November	2523	2523
December	717	717
Total	22927	22927
Comments		

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. 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.
12. Amount of water conserved	0 Acre-Feet

#### 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 2012 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.

#### 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	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