SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. VII**

FROM: Steve Mack, General Manager

Meeting Date: April 7, 2016

Subject: GENERAL MANAGER'S REPORT

RECOMMENDED ACTION: Receive report from the General Manager.

FISCAL IMPACT: None

DISCUSSION:

1. **Water Production and Sales:** Water sales in February were 13,058 units (30.0 AF, Monte Rio cycle) and production was 54.31 AF. Compared to one year ago, sales were higher and production was lower (28.4 AF and 57.5 AF, respectively). The water lost percentage increased a bit (22.4) compared to January but is lower than one year ago (23%). The reduction from January 2013, the State Board standard, was 9.7%, below the State mandate of 16%., but we are still averaging approximately 20% for the summer/fall/winter (May-February). GPCD for February was 59.7. Figure 1 shows sales, production and % difference since 2008 separated out for the Guerneville and Monte Rio systems.

2. **Leaks:** In February we had 3 total leaks and spent 14.75 man-hours on them. Those are fewer leaks and man-hours compared to the prior month and compared to February one year ago (8 leaks, 47.5 man-hours). Figure 2 shows service and main leaks separately with a total breaks line as well.

3. **Guerneville Rainfall**: We are mostly through this El Nino rain year and March was a nicely wet month - a wet two weeks or so but no flooding. We are above last year and the recent (since 2008) average, but below the long-term average. Figure 3 shows historical rainfall compared to this year's rain.

   The near flooding raised an issue the Board may want to discuss at a future meeting - we learned in preparation for anticipated flooding of the El Bonita well field that the State Division of Drinking Water would expect the District to issue boil water notices if the wells at that location need to be operated while under water. We had thought that we had addressed that issue to the State's satisfaction (the last large inundation and boil water notice was in 2006 and was due to flood water infiltrating the raw water line because of a leak in the raw water line from the wells) but we learned during this last event we had not. We have scheduled a meeting with State staff to discuss this matter in late April.

4. **2017 CIP:** We are working with Coastland Engineering to produce the Preliminary Engineering Report required by the USDA loan application process.

5. **Toilet Rebate/Direct Install Program:** No toilet rebates reported for March.

6. **In-House Construction Projects:** In March two in-house construction projects were reported: replacement of 800 feet of galvanized 2" and 3/4" pipe with HDPE pipe (57 man-

hours), and removed meter and installed shutoff near road and away from excavation on Old Cazadero Rd.(1.5 man-hours).

7. **Gantt Chart:** The Gantt Chart for April has ongoing design of the 2017 CIP - that will take longer than shown in the Gantt Chart because of the PER preparation reported above.

Figure 1. Monte Rio and Guerneville Sales and Production 12 Month Moving Averages, SSWD Since March 2010

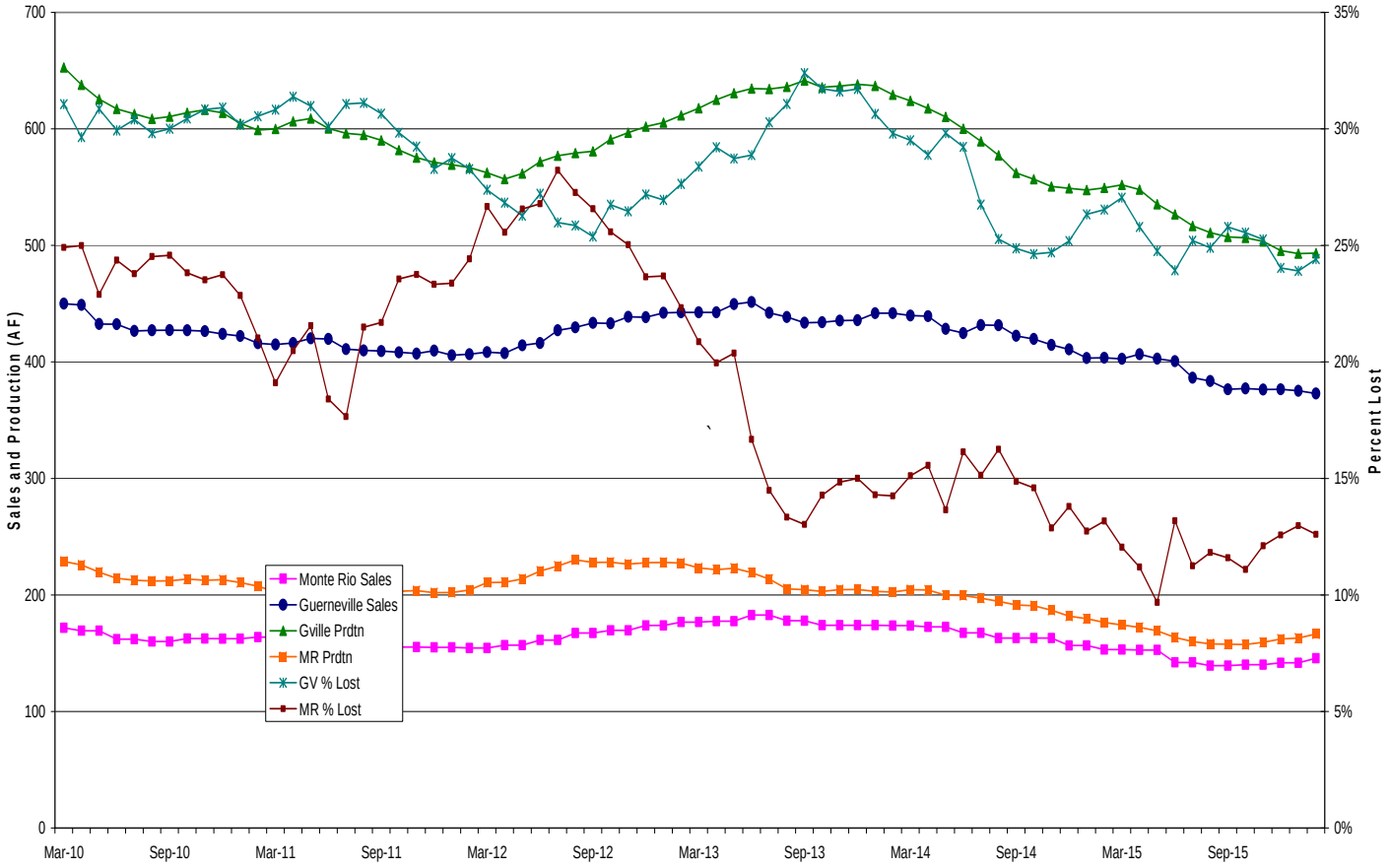

Figure 2. Sweetwater Springs Water District Main and Service Pipeline Breaks
Moving Annual Average Since September 2008

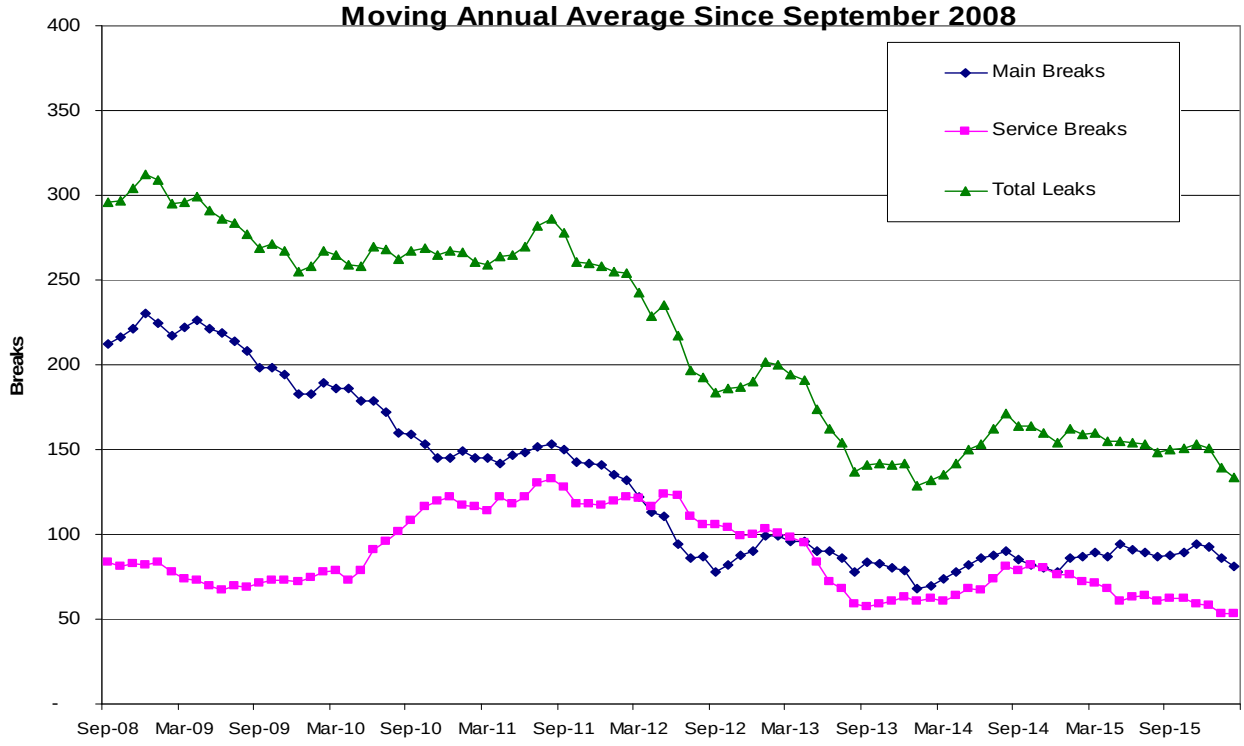

Figure 3. Guerneville Cumulative Monthly Rainfall

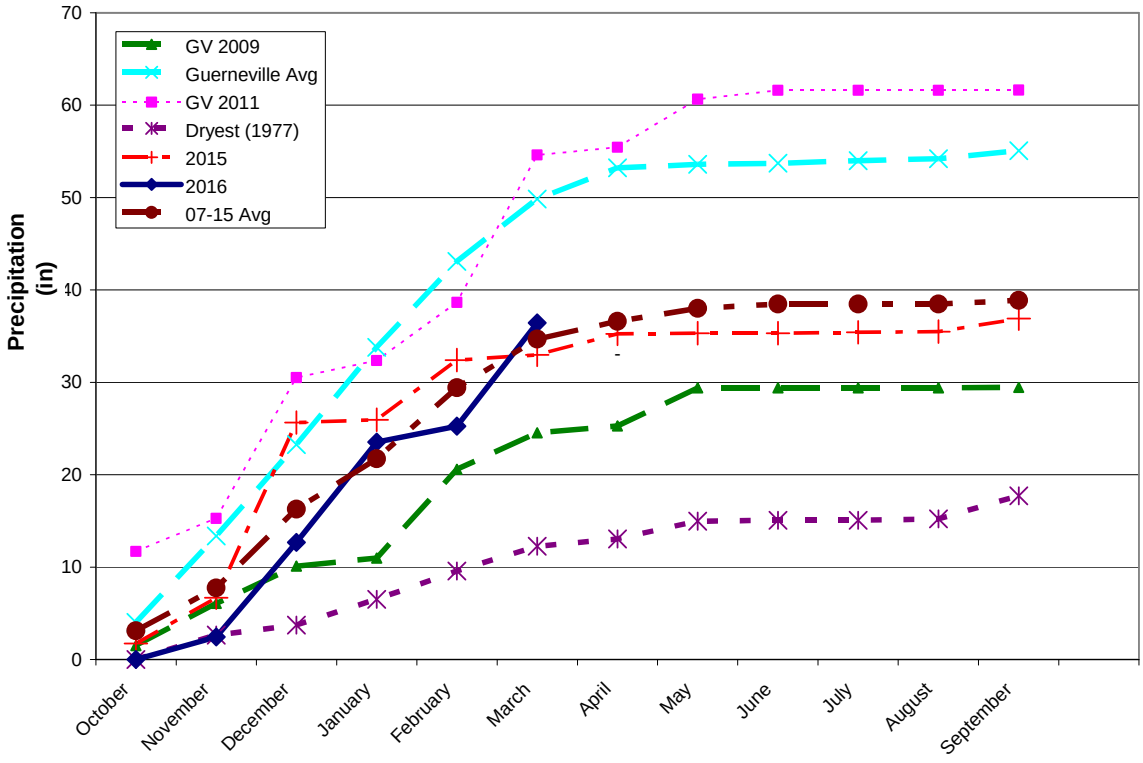

Figure 4. Sweetwater Springs WD Calendar Gantt Chart		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	FY17+
Ongoing Activity																				
Board Action																				
Other Milestone																				
Current Month																				
By Activity																				
Action Item/Milestone	**Projected Completion / Milestone Date**																			
Crystal Communications Lease																				
2014-15 Budget Preparation																				
• Capital Improvement Program Board Discussion																				
• Staff Budget Preparation Begins																				
• Ad Hoc Budget Committee Reviews Draft Budget																				
• Draft Budget to Board for Discussion/Action																				
• Approve Budget																				
Capital Projects																				
• Update/Review District CIP																				
• 2016 CIP Design																				
• 2016 CIP Award of Contract																				
• 2016 CIP Construction Starts																				
• 2017 CIP Design																				
• 2017 CIP Award of Contract																				
• 2017 CIP Construction Starts																				
Urban Water Management Plan	Jul-16																			
Water Rights	SCWA Protest												??							
Emergency Response Plan Review																				
Building Lease																				
• Lease Renewal	July-17																			
Policies and Procedures																				
• Other Policy																				
• Overall Review																				
Board and General Manager Annual Review																				