SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Steve Mack, General Manager

Meeting Date: October 7, 2010

Subject: GENERAL MANAGER'S REPORT

RECOMMENDED ACTION: Receive report from the General Manager.

FISCAL IMPACT: None

DISCUSSION:

1. **Laboratory Testing:** Water quality tests confirm that all SSWD water meets all known State and Federal water quality standards. Of note, the District did its triennial disinfection/disinfectant byproducts testing during September. Results are not yet available, but are expected to be low.

2. **Water Production and Sales:** Water sales in August were 29,673 units (68.1 AF) and production was 86.9 AF. Compared to one year ago, sales and production are both less, sales modestly so (69.6 AF and 91.9 AF, respectively). The difference between production and sales dropped back down to the 28% range. The attached Figure 1 shows the 12 month moving averages since 2001.

3. **Leaks:** The District spends much staff time addressing leaks and we have an extensive capital program to replace water mains to reduce leaks in the system. In September we had 29 total leaks and spent 83 man-hours on them. That's more leaks but fewer man-hours than last month (August) and similar to September one year ago (24 leaks, 80 man-hours). Figure 2 shows leak history and man-hours spent dealing with leaks since 2001.

4. **River Flow.** Figure 3 is the 2010 flow at Hacienda gage chart starting in May. For the chart this month, the maximum vertical scale value is 400 cubic feet per second (cfs) which gives better detail to the late summer flow levels. Flow has oscillated between 180 and 120 cfs during September and continues to be still considerably higher than the flow at this time last year. The reported flows remain much higher than we expected for late summer when we started observing flows in May.

5. **CIP IV-B, Project 1**. Riverlands Road and Bonita Terrace are paved and essentially completed (one change order for Bonita Terrace). The Handy Andy feed line work mostly completed with some work at the Old Monte Rio

Road Bridge crossing still needed. Regarding the Schoolhouse Tanks, the upper tank has been mostly completed and the contractor is scheduled to start with the bolted steel tank assembly for the lower tank.

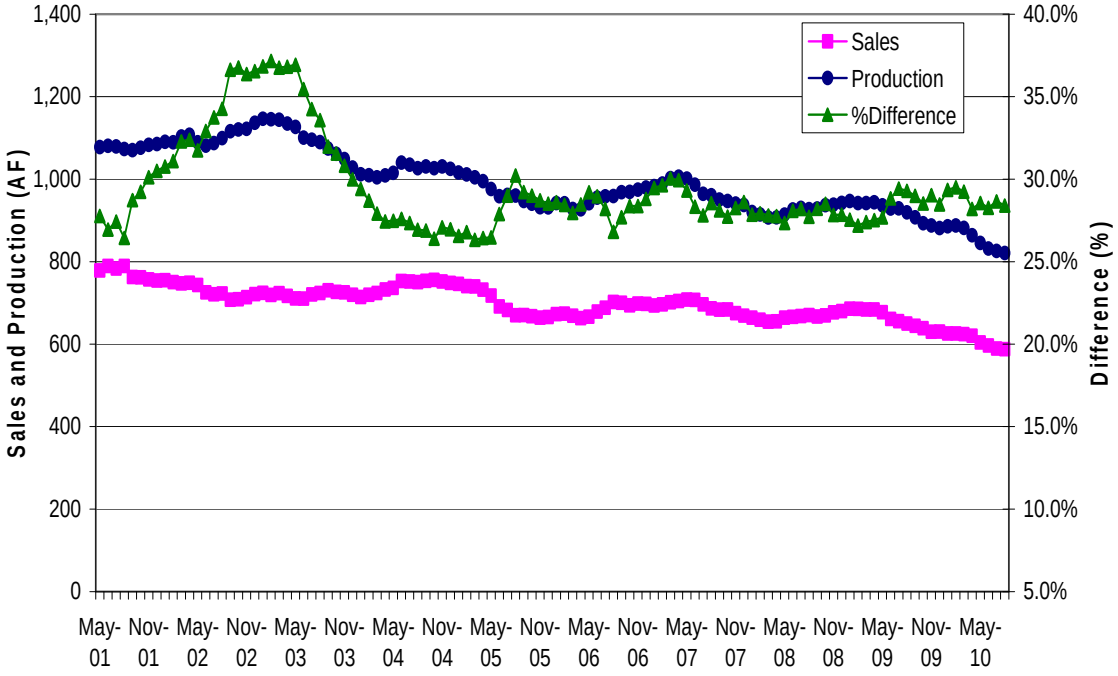
6. **CIP IV-B, Project 2**. KAT is completing services for this project. The Rio Vista Terrace Project contract was awarded to Forde Associates Construction and work should be beginning in one-two weeks.

7. **Toilet Rebate Program**. 4 toilet rebates were issued in September at a total cost of $460.44. A total of 52 rebates have been approved, with $2,780 remaining from the funds allocated.

8. **In-House Construction Projects.** In September, staff did 2 in-house construction projects that required 98 estimated man-hours. 190 total feet of water line was replaced on Hidden Valley Road and Sunshine Court.

9. **Gantt Chart**. October in the Gantt Chart shows construction for the CIP projects which are ongoing and described above. The chart shows that Project 1 should be completed in October, but it is doubtful that will happen because of timing issues with the bolted steel tank. Staff will start review of the multiyear CIP this month.

Figure 1. Water Production and Sales 12 Month Moving Average
Sweetwater Springs Water District



MONTH/YR	MAIN LEAKS	MAIN HOURS	SERVICE LEAKS	SERVICE HOURS	TOTAL LEAKS	TOTAL HOURS		Moving Avgs Main leaks	Main hours	service leaks	se
Jan-97	21	0	0	0	21	0					
Feb-97	27	0	0	0	27	0					
Mar-97	32	0	0	0	32	0					
Apr-97	30	0	0	0	30	0					
May-97	34	0	0	0	34	0					
Jun-97	31	0	0	0	31	0					
Jul-97	21	0	0	0	21	0					
Aug-97	41	0	0	0	41	0					
Sep-97	31	0	0	0	31	0					
Oct-97	21	0	0	0	21	0					
Nov-97	12	0	0	0	12	0					
Dec-97	15	0	0	0	15	0					
Jan-98	16	0	0	0	16	0					
Feb-98	35	0	0	0	35	0					
Mar-98	25	0	0	0	25	0					
Apr-98	20	0	0	0	20	0					
May-98	25	0	0	0	25	0					
Jun-98	26	0	0	0	26	0					
Jul-98	40	0	0	0	40	0					
Aug-98	33	0	0	0	33	0					
Sep-98	20	0	0	0	20	0					
Oct-98	17	0	0	0	17	0					
Nov-98	8	0	0	0	8	0					
Dec-98	2	0	0	0	2	0					
TOTAL 1998	**267**	**0**	**0**	**0**	**267**	**0**					
1999	0	0	0	0	0	0					
TOTAL 1999	**0**	**0**	**0**	**0**	**0**	**0**					
Jan-00	0	0	0	0	0	0					
Feb-00	2	4	0	0	2	4					
Mar-00	22	177	12	76	34	253					
Apr-00	18	77	15	181	33	258					
May-00	32	215	8	33	40	248					
Jun-00	30	241	14	54	44	295					
Jul-00	24	158	18	100	42	258					
Aug-00	33	311	22	153	55	464					
Sep-00	23	95	10	53	33	148					
Oct-00	22	141	13	48	35	189					
Nov-00	10	83	17	151	27	234					
Dec-00	19	106	12	107	31	213		**235**	**1,608**	**141**	
Jan-01	21	107	9	64	30	171		**256**	**1,715**	**150**	
Feb-01	16	125	8	71	24	196		**270**	**1,836**	**158**	
Mar-01	12	148	12	52	24	200		**260**	**1,807**	**158**	
Apr-01	13	91	11	61	24	152		**255**	**1,821**	**154**	
May-01	27	252	8	40	35	292		**250**	**1,858**	**154**	
Jun-01	35	189	18	100	100	289		**255**	**1,806**	**158**	
Jul-01	34	209	14	71	48	280		**265**	**1,857**	**154**	
Aug-01	18	137	4	44	22	181		**250**	**1,683**	**136**	
Sep-01	17	138	13	63	30	201		**244**	**1,726**	**139**	
Oct-01	17	101	11	83	28	184		**239**	**1,686**	**137**	
Nov-01	18	127	12	112	30	239		**247**	**1,730**	**132**	
Dec-01	12	82	4	62	16	144		**240**	**1,706**	**124**	
Jan-02	28	136	9	44	37	180		**247**	**1,735**	**124**	
Feb-02	11	91	11	57	22	148		**242**	**1,701**	**127**	
Mar-02	22	132	13	44	35	176		**252**	**1,685**	**128**	
Apr-02	22	148	18	83	40	231		**261**	**1,742**	**135**	
May-02	33	216	21	68	54	284		**267**	**1,706**	**148**	
Jun-02	31	142	21	86	52	228		**263**	**1,659**	**151**	
Jul-02	29	118	8	14	37	132		**258**	**1,568**	**145**	

Figure 3. Russian River Summer Flow 2010
Hacienda Bridge, Updated September 30, 2010

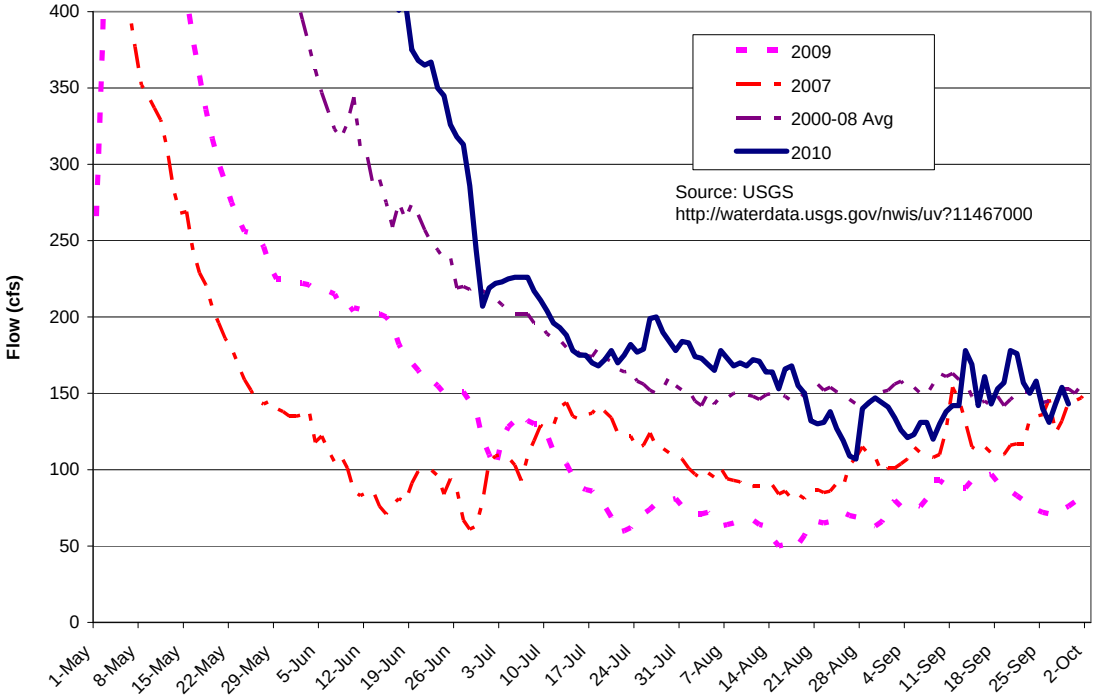


Table 1. Sweetwater Springs WD Calendar Gantt Chart		Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	2012
Ongoing Activity																					
Board Action																					
Other Milestone																					
Current Month																					
By Activity																					
Action Item/Milestone	**Projected Completion/ Milestone Date**																				
Crystal Communications Lease	Completed																				
2009 Water Rates Revision	Completed																				
Water Rates Changes																					
• Board Direction on Rate Changes																					
• Prop 218 Mailing																					
• Public Hearing on Proposed Rates																					
• Adopt Rates with Budget																					
2010-11 BudgetPreparation																					
• Capital Improvement Program Board	December-10																				
• Staff Budget Preparation Begins																					
• Ad Hoc Budget Committee Reviews Draft																					
• Draft Budget to Board for Discussion/Action	April-10																				
• Approve Budget	May-10																				
2011-12 Budget Preparation																					
• Capital Improvement Program Board Discussion	December-11																				
• Staff Budget Preparation Begins																					
• Ad Hoc Budget Committee Reviews Draft Budget																					
• Draft Budget to Board for Discussion/Action	April-11																				
• Approve Budget	May-11																				
Capital Projects																					
• CIP Phase IV-B, Project 1 Construction Starts	April-10																				
• CIP Phase IV-B, Project 1 Construction Completed	October-10																				
• CIP Phase IV-B, Project 2 Construction																					
• CIP Phase IV-B, Project 2 Construction Completed																					
• Update District CIP																					
2010 Urban Water Management Plan	July-11																				
Water Rights	Completed, License June																				
Contract Negotiations																					
• Start Negotiations Preparation	December-09																				
• Negotiations Start	April-10																				
• End of Contract	June-10																				
Building Lease																					
• Lease Ends	July-11																				
Policies and Procedures																					
• Other Policy																					
• Overall Review																					
Board and General Manager Goals and Objectives																					