PALMDALE WATER DISTRICT

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VINCENT DINO
Division 5

November 20, 2014

Agenda for a Meeting
of the Water Supply & Reliability Committee of the Palmdale Water District
Committee Members: Gloria Dizmang-Chair, Vincent Dino
to be held at the District's office at 2029 East Avenue Q, Palmdale

Monday, November 24, 2014

2:00 p.m.

NOTE: To comply with the Americans with Disabilities Act, to participate in any Board meeting please contact Dawn Deans at 661-947-4111 x1003 at least 48 hours prior to a Board meeting to inform us of your needs and to determine if accommodation is feasible.

Agenda item materials, as well as materials related to agenda items submitted after distribution of the agenda packets, are available for public review at the District's office located at 2029 East Avenue Q, Palmdale. Please call Dawn Deans at 661-947-4111 x1003 for public review of materials.

PUBLIC COMMENT GUIDELINES: The prescribed time limit per speaker is three-minutes. Please refrain from public displays or outbursts such as unsolicited applause, comments, or cheering. Any disruptive activities that substantially interfere with the ability of the District to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.

Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance to take action on any item.

1) Roll call.

2) Adoption of agenda.

3) Public comments.

4) Action Items: (The public shall have an opportunity to comment on any action item as each item is considered by the Committee prior to action being taken.)

4.1) Consideration and possible action on approval of minutes of meeting held October 27, 2014.

4.2) Presentation of monthly water demand and supply status. (Water & Energy Resources Director Pernula)

4.3) Status on the operations of the State Water Project. (Water & Energy Resources Director Pernula)

5) Project updates.

5.1) Littlerock Dam Sediment Removal Project. (Assistant General Manager Knudson)

5.2) Littlerock Creek Recharge and Recovery Project. (Assistant General Manager Knudson)

6) Information items.

6.1) Water purchase opportunities. (Water & Energy Resources Director Pernula)

6.2) Other.

7) Board members' requests for future agenda items.

8) Adjournment.

DENNIS D. LaMOREAUX,
General Manager

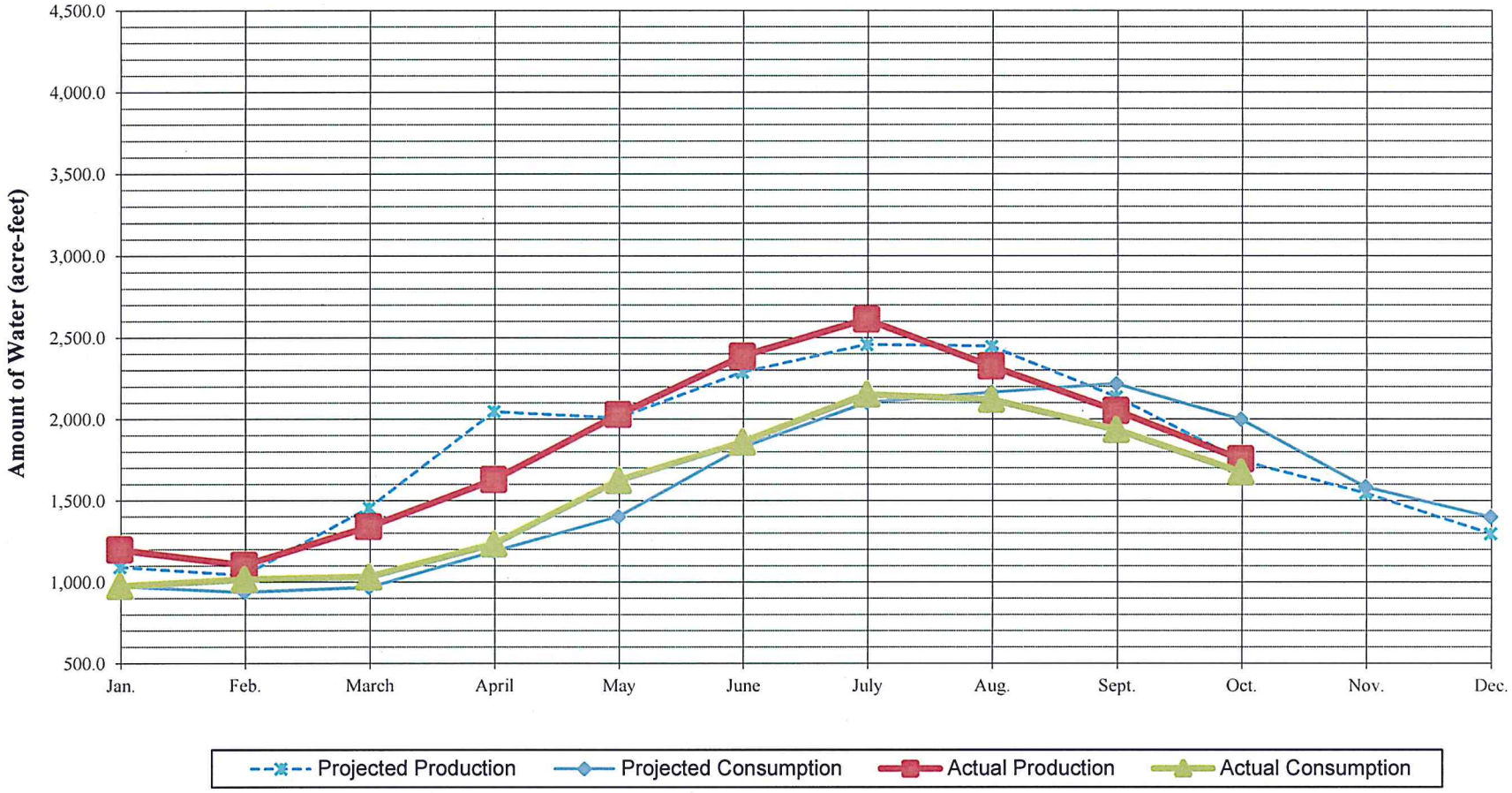
DDL/dd

Month	Five-Year Aver. Consumption (ac.-ft.)	Budgeted 2014 Consumption (ac.-ft.)	Actual 2014 Consumption (ac.-ft.)	Difference (Act. - Pred.) (ac.-ft.)	
Jan.	**975.0**	**979**	**977.3**	**-1.8**	**-0.2%**
Feb.	**943.3**	**941**	**1,017.5**	**76.8**	**7.5%**
March	**941.0**	**970**	**1,032.5**	**62.0**	**6.0%**
April	**1,185.2**	**1,191.5**	**1,234.8**	**43.2**	**3.5%**
May	**1,541.8**	**1,405.0**	**1,627.2**	**222.2**	**13.7%**
June	**1,860.9**	**1,830.7**	**1,861.3**	**30.6**	**1.6%**
July	**2,201.1**	**2,104.6**	**2,154.1**	**49.5**	**2.3%**
Aug.	**2,226.6**	**2,165.7**	**2,122.4**	**-43.3**	**-2.0%**
Sept.	**2,376.2**	**2,219.2**	**1,937.8**	**-281.4**	**-14.5%**
Oct.	**1,990.7**	**2,002.1**	**1,677.6**	**-324.5**	**-19.3%**
Nov.	1,487.1	1,588.3	**0.0**	0.0	
Dec.	1,172.4	1,402.5	**0.0**	0.0	
	18,901.2	15,809.2	**15,642.5**	**-166.7**	**-1.1%**
	2009 thru 2013	20,000.0		**Sept-Oct Avg**	**-16.95%**

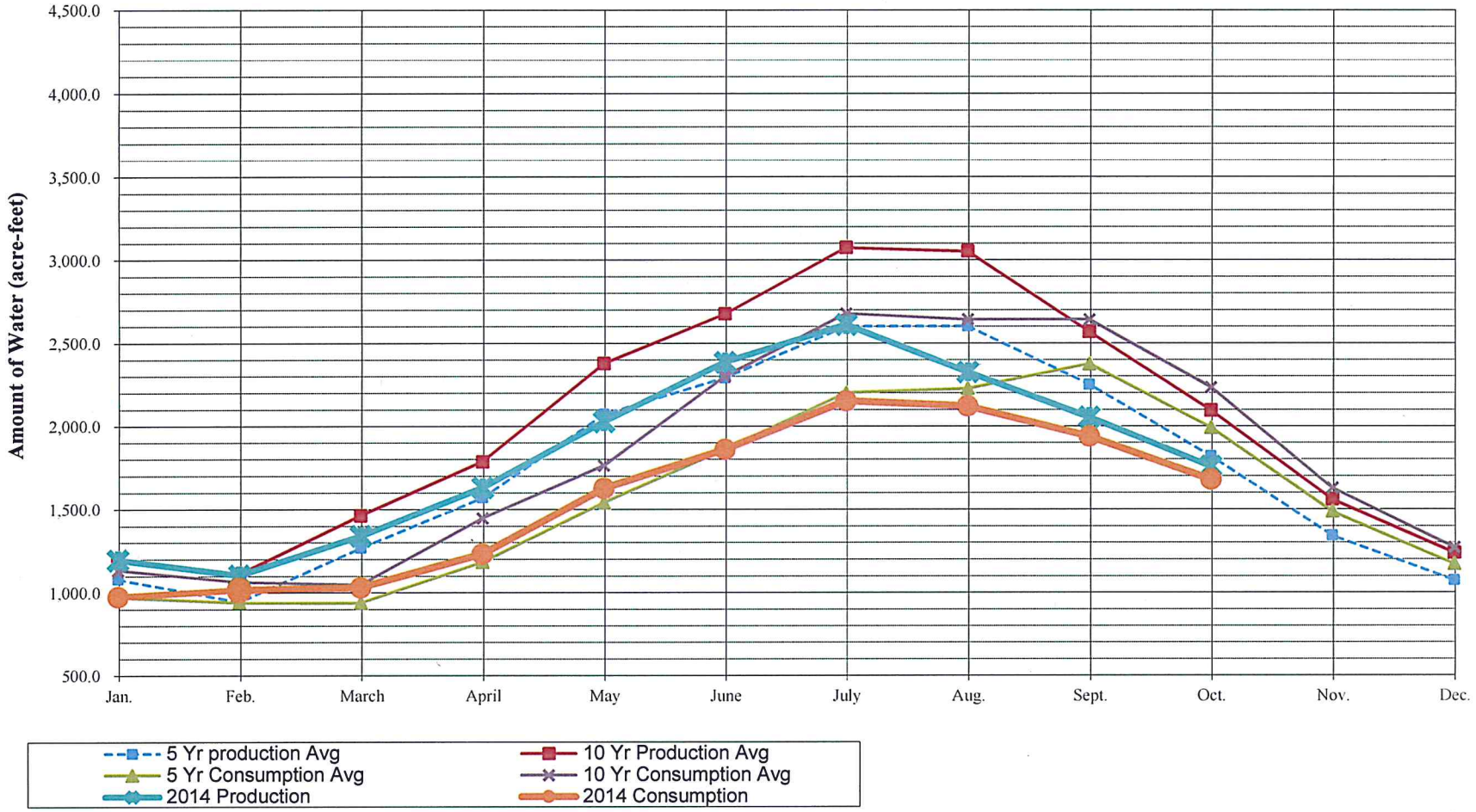
18,800.0

Month	Five-Year Aver. Production (ac.-ft.)	Projected 2014 Production (ac.-ft.)	Actual 2014 Production (ac.-ft.)	Difference (Act. - Pred.) (ac.-ft.)	
Jan.	**1,084.2**	**1,095.0**	**1,199.8**	**104.8**	**8.7%**
Feb.	**947.7**	**1,045.0**	**1,106.8**	**61.8**	**5.6%**
March	**1,270.4**	**1,460.0**	**1,341.4**	**-118.6**	**-8.8%**
April	**1,570.1**	**2,050.0**	**1,631.1**	**-419.0**	**-25.7%**
May	**2,073.7**	**2,010.0**	**2,029.5**	**19.5**	**1.0%**
June	**2,293.6**	**2,290.0**	**2,388.1**	**98.1**	**4.1%**
July	**2,603.1**	**2,460.0**	**2,613.9**	**153.9**	**5.9%**
Aug.	**2,603.8**	**2,450.0**	**2,327.2**	**-122.8**	**-5.3%**
Sept.	**2,252.4**	**2,140.0**	**2,054.5**	**-85.5**	**-4.2%**
Oct.	**1,819.8**	**1,750.0**	**1,757.3**	**7.3**	**0.4%**
Nov.	1,343.1	1,550.0	**0.0**	0.0	
Dec.	1,076.2	1,300.0	**0.0**	0.0	
	20,938.1	17,000.0	**18,449.6**	**-307.7**	**-1.7%**
	2009thru 2013	21,600.0		**Sept-Oct Avg**	**-1.90%**

2014
PWD PRODUCTION & CUSTOMER WATER USE



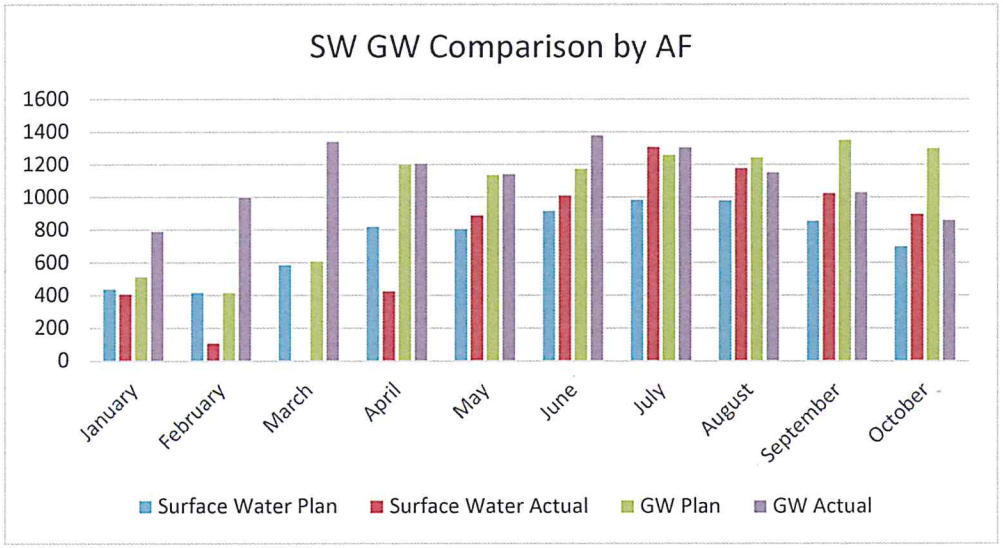
2014
PWD PRODUCTION & CUSTOMER WATER USE

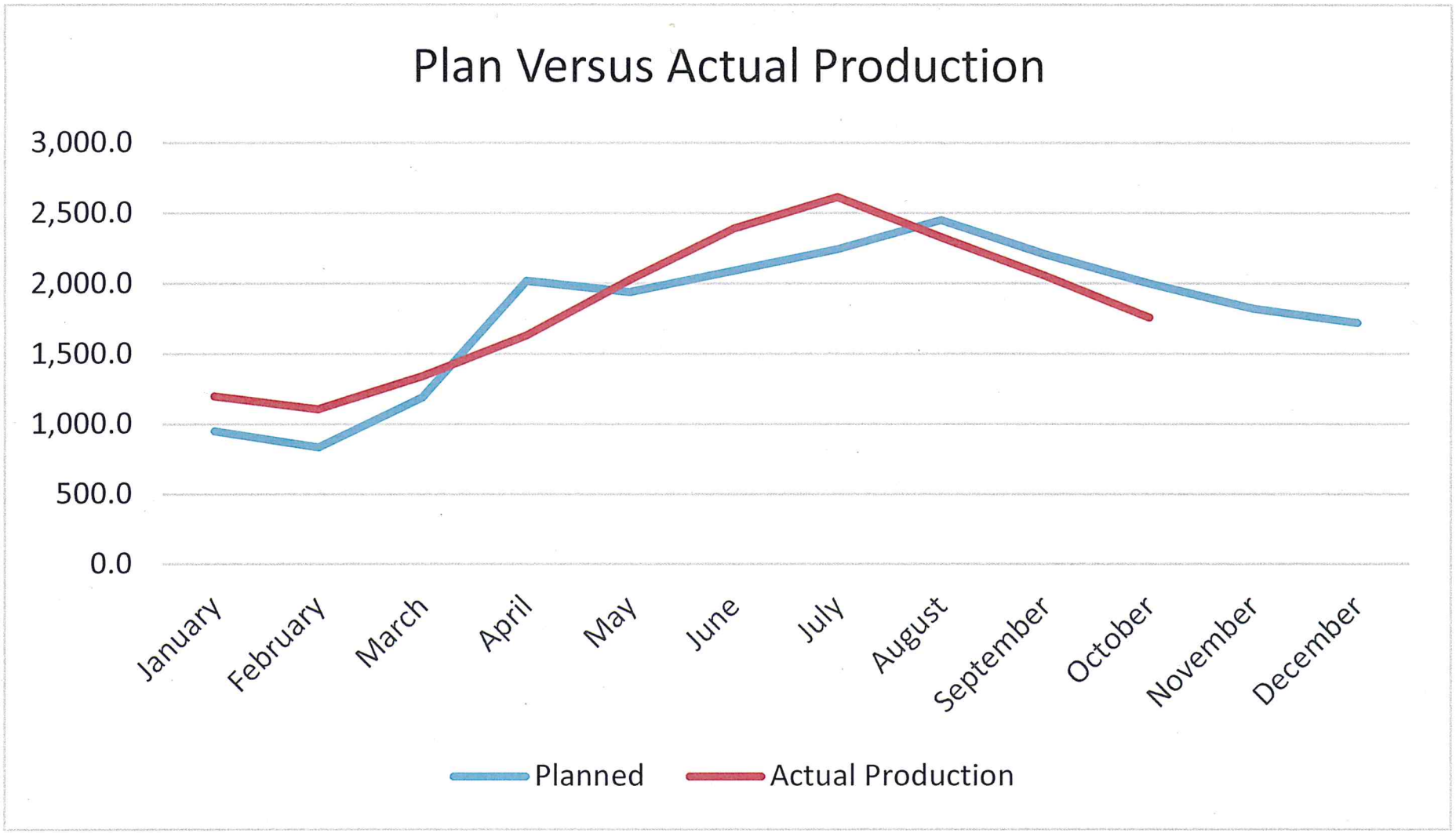


2014

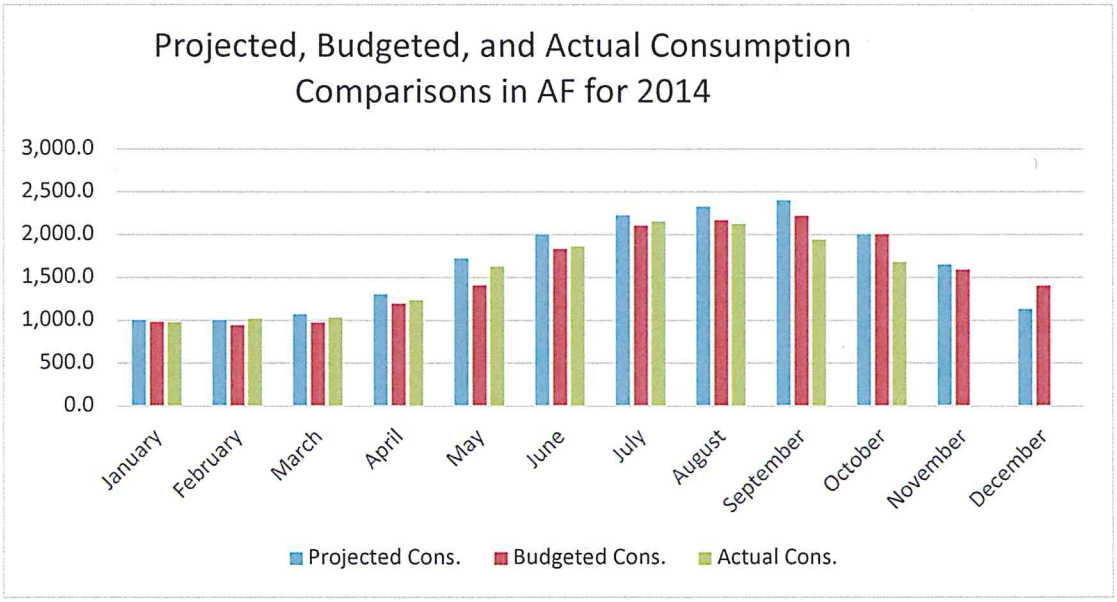
MONTHLY TOTALS					
MONTH	TOTAL af	SW af	GW af	SW %	GW%
January	1,199.8	408.3	791.5	34.03%	65.97%
February	1,106.8	108.7	998.1	9.82%	90.18%
March	1,300.0	0.0	1300.0	0.00%	100.00%
April	1,631.1	424.9	1206.2	26.05%	73.95%
May	2,029.5	888.9	1140.6	43.80%	56.20%
June	2,388.1	1008.8	1379.3	42.24%	57.76%
July	2,613.9	1307.4	1306.5	50.02%	49.98%
August	2,327.2	1176.3	1150.9	50.55%	49.45%
September	2,054.5	1024.8	1029.7	49.88%	50.12%
October	1,757.3	896.2	859.2	51.00%	48.89%
November	0.0	0.0	0.0		
December	0.0	0.0	0.0		

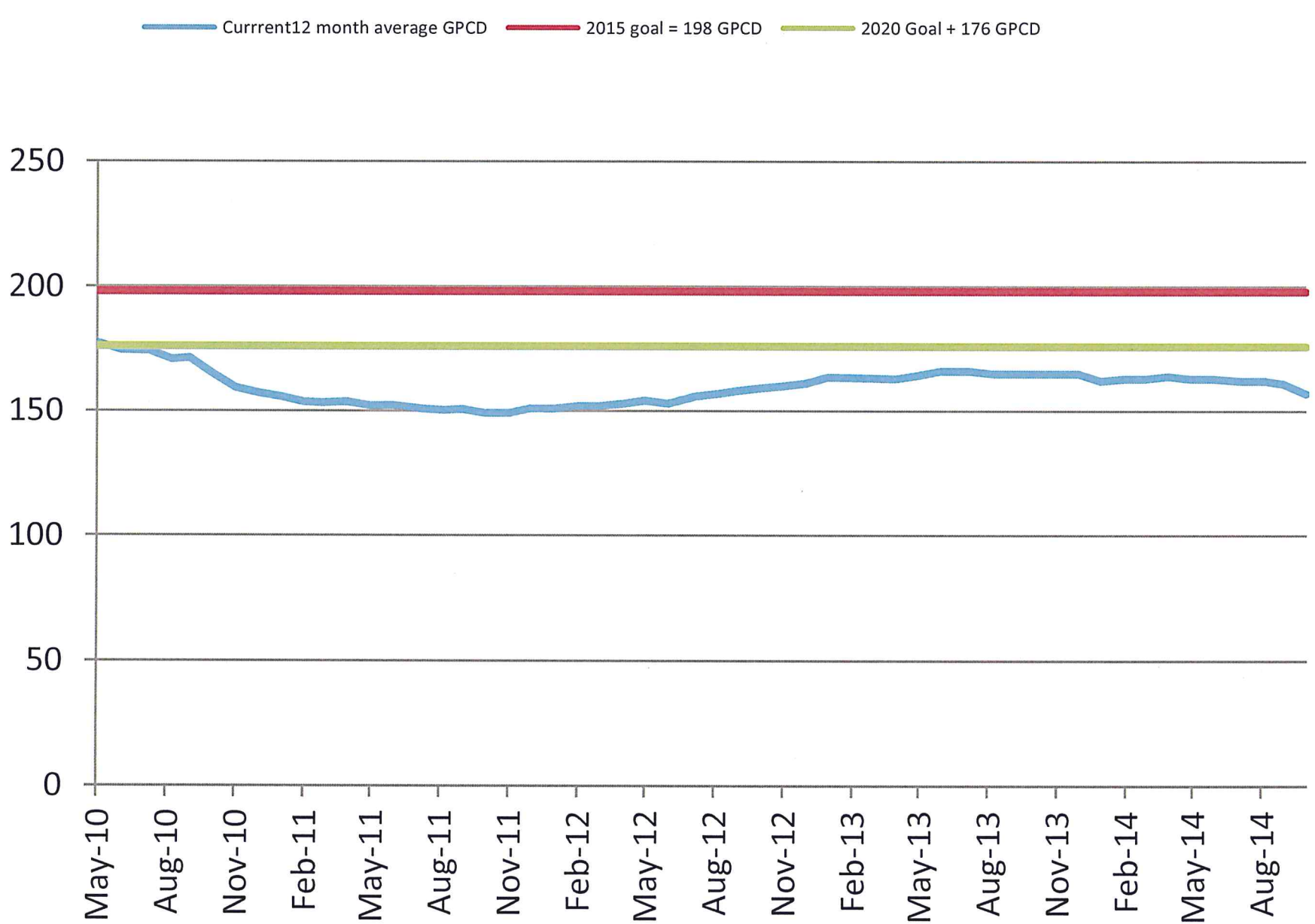
Running Averages	SW	GW
January	34.03%	65.97%
Jan. thru February	21.93%	78.07%
Jan. thru March	14.62%	85.38%
Jan. thru April	17.48%	82.52%
Jan. thru May	22.74%	77.26%
Jan. thru June	25.99%	74.01%
Jan. thru July	29.42%	70.58%
Jan. thru August	32.06%	67.94%
Jan. thru September	34.04%	65.96%
Jan. thru October	35.74%	64.25%
Jan. thru November		
Jan. thru December		




Plan Versus Actual Production
3,000.0
2,500.0
2,000.0
1,500.0
1,000.0
500.0
0.0
January
February
March
April
May
June
July
August
September
October
November
December
Planned
Actual Production

2014 BILLED CONSUMPTION			
Month	Projected	Budgeted	Actual
January	1,000.0	979	977.3
February	1,000.0	941	1,017.5
March	1,070.0	970	1,032.5
April	1,300.0	1,191.5	1,234.8
May	1,720.0	1,405.0	1627.2
June	2,000.0	1,830.7	1861.3
July	2,225.0	2,104.6	2154.1
August	2,325.0	2,165.7	2122.4
September	2,400.0	2,219.2	1,937.8
October	2,000.0	2,002.1	1677.6
November	1,650.0	1,588.3	
December	1,130.0	1,402.5	
Current AF	17,040.0	15,809	15,642.5
Total	19,820.0	18,800	15,642.5




Currrent12 month average GPCD
2015 goal = 198 GPCD
2020 Goal + 176 GPCD
250
200
150
100
50
0
May-10
Aug-10
Nov-10
Feb-11
May-11
Aug-11
Nov-11
Feb-12
May-12
Aug-12
Nov-12
Feb-13
May-13
Aug-13
Nov-13
Feb-14
May-14
Aug-14

2014 Water Production Plan @ 5% Allocation

Month	Raw Surface Water Sources								Water Production							
	Surface				Water		Evaporation	Total	WTP		Groundwater		Total		Metered Water	
	YUBA ACCORD	Carry Over (ac-ft)	BUTTE (ac-ft) fromTA *	SBVWA MWA BCo (ac-ft)	PWD/SWP (ac-ft)	LrD (ac-ft)	Plan (ac-ft)	Plan (ac-ft)	Plan (ac-ft)	Actual (ac-ft)	Plan (ac-ft)	Actual (ac-ft)	Plan (ac-ft)	Actual (ac-ft)	Plan (ac-ft)	Actual (ac-ft)
January	0	**1326.0**	0.0	0.0	0.0	0.0	**0.00**	**1326.00**	**438**	**408.3**	513.1	**791.5**	951.1	**1,199.8**	**1,000.0**	**977.3**
February	0	**153.0**	0.0	0.0	0.0	0.0	**0.00**	**153.00**	**418**	**108.7**	**416.3**	**998.1**	834.3	**1,106.8**	**1,000.0**	**1,017.5**
March	0	**0**	0.0	0.0	0.0	0.0	**-80.00**	**-80.00**	**584**	**0.0**	**607.0**	**1341.4**	1,191.0	**1,341.4**	**1,070.0**	**1,032.5**
April	0	351.9	0.0	0.0	0.0	0.0	**-100.00**	**251.90**	**820**	**424.9**	**1,200.0**	**1206.2**	**2,020.0**	**1,631.1**	**1,300.0**	**1,234.8**
May	0	**1007.9**	0.0	0.0	0.0	0.0	**-176.00**	**831.90**	**804**	**888.9**	**1,135.0**	**1140.6**	**1,939.0**	**2,029.5**	**1,720.0**	**1,627.2**
June	0	**800.0**	0.0	0.0	**295**	67.0	**-157.00**	**1005.00**	**916**	**1008.8**	**1,171.8**	**1379.3**	**2,087.8**	**2,388.1**	**2,000.0**	**1,861.3**
July	**302.4**	**30.0**	0.0	0.0	**520.0**	**699.6**	**-80.00**	**1169.55**	**984**	**1307.4**	**1,258.0**	**1306.5**	**2,242.0**	**2,613.9**	**2,225.0**	**2,154.1**
August	**232**	**0.0**	0.0	**908.9**	**250.0**	**0.0**	**0.00**	**1390.90**	**980**	**1176.3**	**1,242.0**	**1150.9**	**2,450.0**	**2,327.2**	**2,325.0**	**2,122.4**
September	0	0.0	0.0	**1093.4**	0.0	0.0	**0.00**	**1093.40**	**856**	**1024.8**	**1,350.0**	**1029.7**	**2,206.0**	**2,054.5**	**2,400.0**	**1,937.8**
October	0	0.0	**55.6**	**498.0**	0.0	0.0	**0.00**	553.60	**700**	**896.2**	**1,300.0**	**859.2**	**2,000.0**	**1,757.3**	**2,000.0**	**1,677.6**
November	0	0.0	250.0	0.0	0.0	0.0	0.00	250.00	620	0.0	1,200.0	0.0	1,820.0	0.0	1,650.0	0.0
December	0	0.0	265.0	0.0	0.0	0.0	0.00	265.00	520	0.0	1,200.0	0.0	1,720.0	0.0	1,130.0	0.0
	534.4	**3,668.80**	570.6	2500.3	**1,065.0**	**766.6**	**(593.00)**	**7,141.65**	**7,500.0**	**7,244.3**	**10,193.2**	**11,203.42**	**17,921.2**	**18,449.6**	17,040.0	**15,643**
Allocated Total Use:	534	3,670.0	570.0	**2,500.0**	**1,062.0**	**1,000.0**	1,250.0	8,500.0	8,640.0	8,500.0	12,593.2	12,500.00	21,461.2	21,500.00	18,800.0	18,900.0
Actual Planned Use		3,670.0	570.0	2,002.3	1,100.0	750.0		8,210.3								
Remaining Allotment:	-0.4	**1.2**	-0.6	-0.3	-3.0	**233.5**	**657.0**	**1,358.4**	1,140.00	1,255.7	2,400.0	1,296.58	3,540.0	3,050.37	1,760.0	3,257.5
recoverable AVWB			570.0		1,065.0		0.0		12,300.0		9,500.0		21,780.0	-	18,000.0	19,258
Total:		3,100.0	0.0	2,500.0	0.0	0.0	-1,250.0									
UNUSED TO DATE		**1.2**	0.0	**-0.3**	**-3.0**	**0.0**		-2.1					2,976.4		**4,370.0**	
Planned Available for Carryover								(2)								