PALMDALE WATER DISTRICT

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Division 5

June 26, 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, June 30, 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 May 19, 2014.

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

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

4.4) Consideration and possible action on Resolution No. 14-11 being a Resolution of the Board of Directors of the Palmdale Water District Adopting a Voluntary Water Conservation Program in Response to Drought. (Water & Energy Resources Manager Pernula)

5) Project updates.

5.1) Palmdale Recycled Water Authority. (General Manager LaMoreaux)

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

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

5.4) City of Palmdale's Upper Amargosa Recharge Project. (Assistant General Manager Knudson)

6) Information items.

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

6.2) Other.

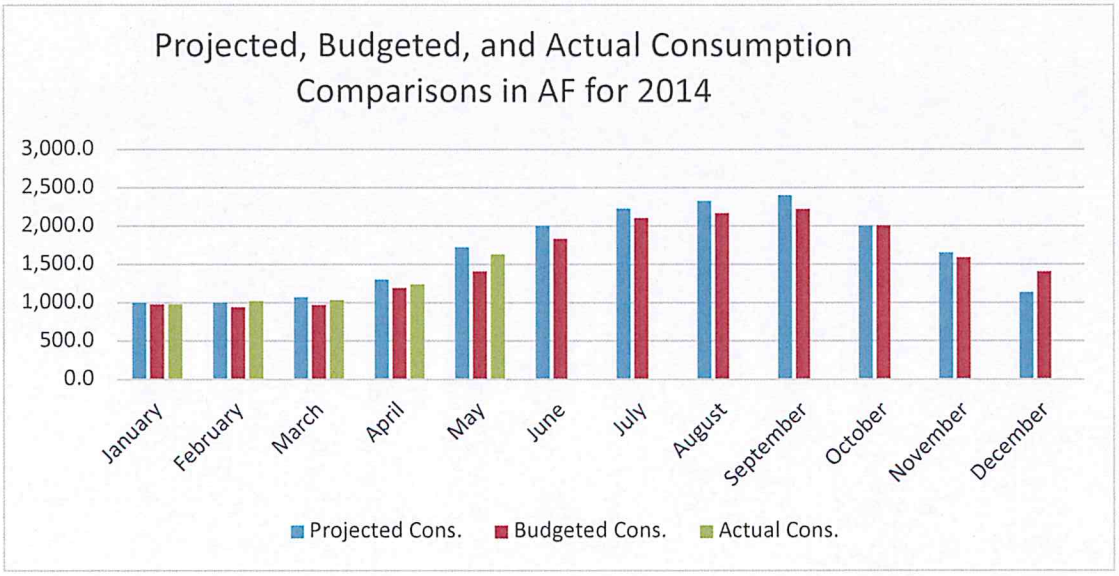
7) Board members' requests for future agenda items.

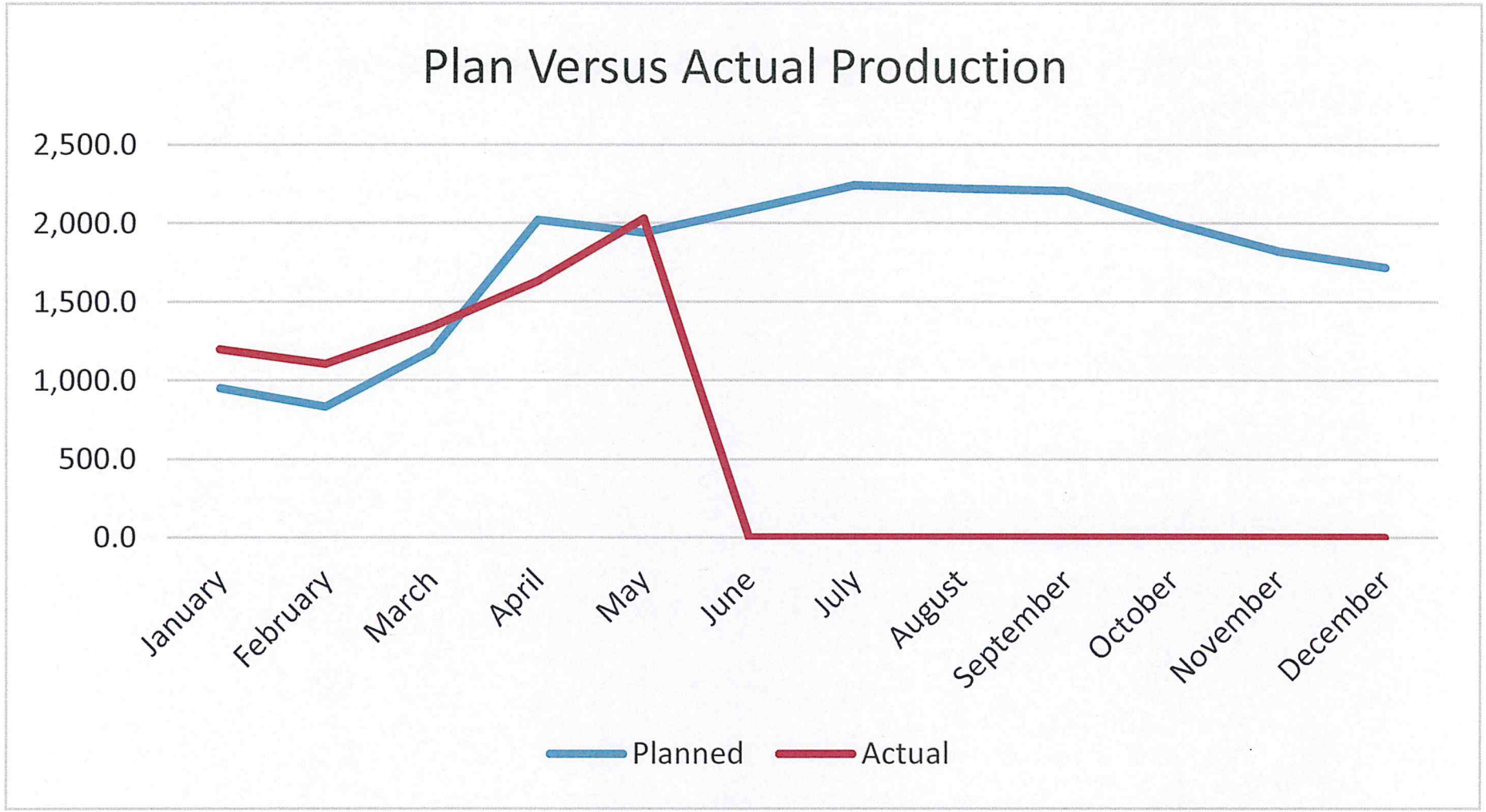
8) Adjournment.

DENNIS D. LaMOREAUX,
General Manager

DDL/dd

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		
July	2,225.0	2,104.6		
August	2,325.0	2,165.7		
September	2,400.0	2,219.2		
October	2,000.0	2,002.1		
November	1,650.0	1,588.3		
December	1,130.0	1,402.5		
Current AF	**6,090.0**	**5,487**	**5,889.3**	
Total	19,820.0	18,800	5,889.3	

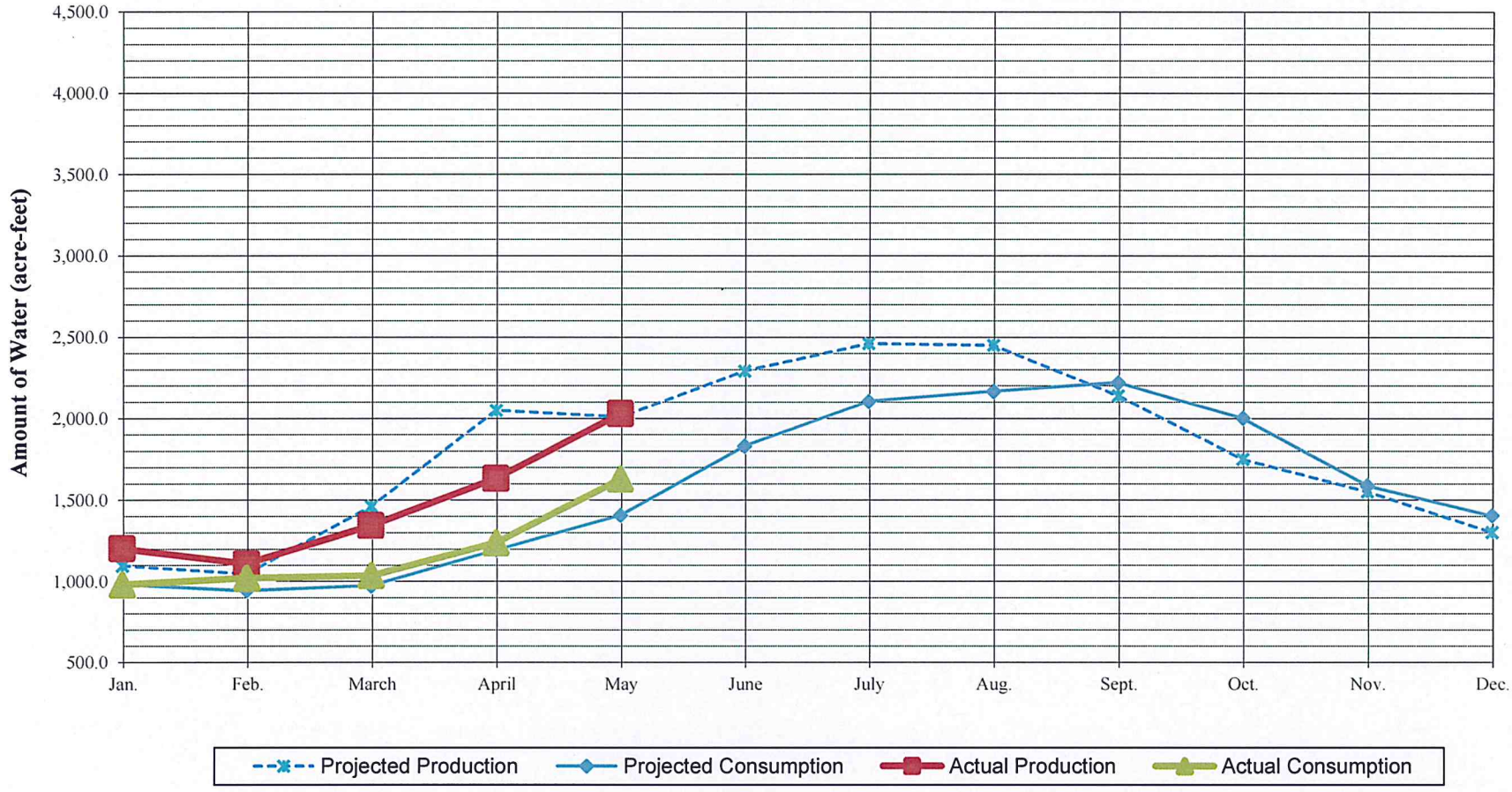



Plan Versus Actual Production
2,500.0
2,000.0
1,500.0
1,000.0
500.0
0.0
January
February
March
April
May
June
July
August
September
October
November
December
Planned
Actual

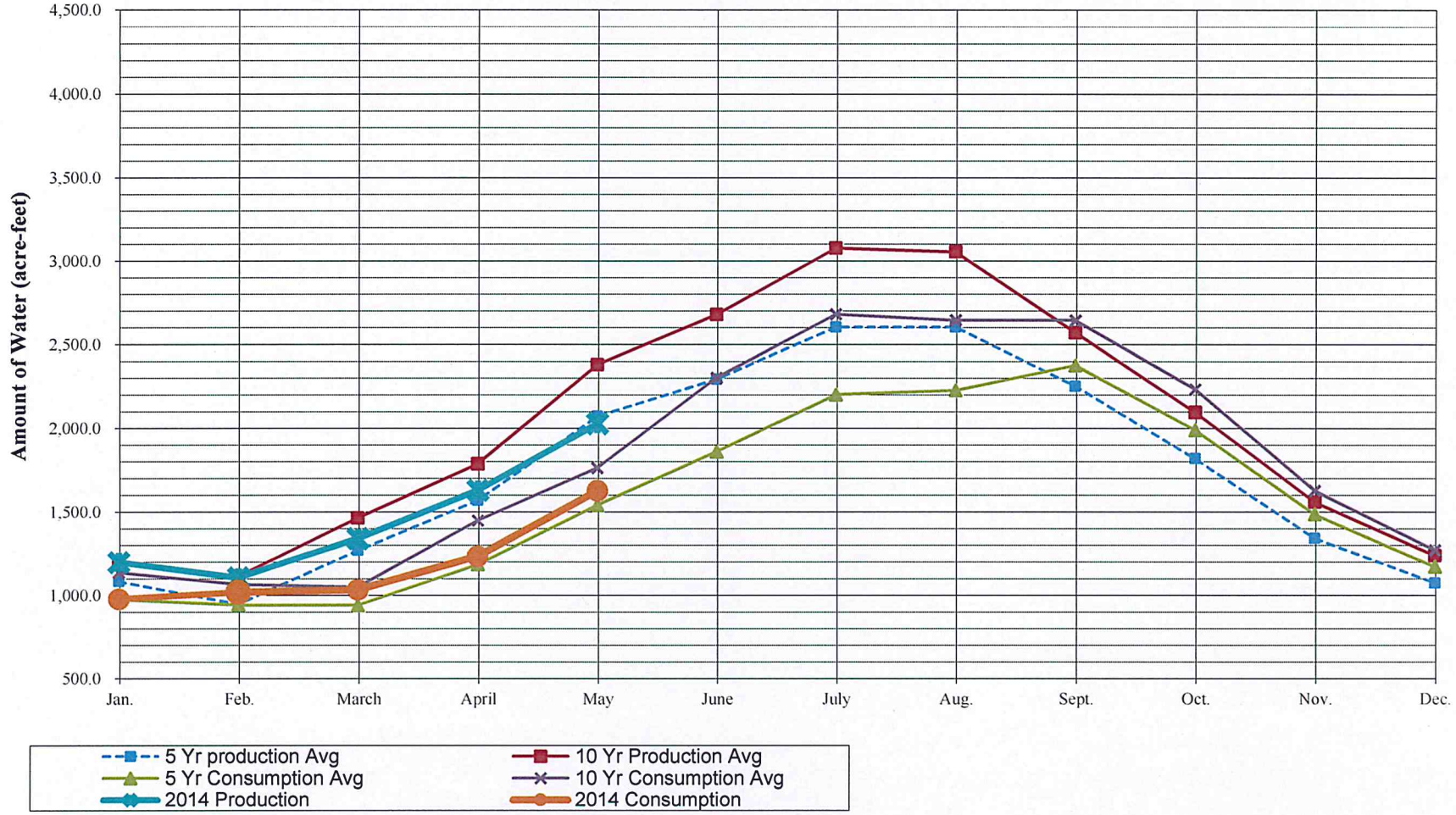
Month	Five-Year Aver. Consumption (ac.-ft.)	Budgeted 2014 Consumption (ac.-ft.)	Actual 2014 Consumption (ac.-ft.)	Difference (Act. - Pred.) (ac.-ft.)	
Jan.	**975.0**	**979**	**977.3**	**-1.8**	
Feb.	**943.3**	**941**	**1,017.5**	**76.8**	
March	**941.0**	**970**	**1,032.5**	**62.0**	
April	**1,185.2**	**1,191.5**	**1,234.8**	**43.2**	
May	**1,541.8**	**1,405.0**	**1,627.2**	**222.2**	
June	1,860.9	1,830.7	**0.0**	0.0	
July	2,201.1	2,104.6	**0.0**	0.0	
Aug.	2,226.6	2,165.7	**0.0**	0.0	
Sept.	2,376.2	2,219.2	**0.0**	0.0	
Oct.	1,990.7	2,002.1	**0.0**	0.0	
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	5,486.9	**5,889.3**	**402.4**	**6.8%**
	2009 thru 2013	20,000.0			
		18,800.0			

Month	Five-Year Aver. Production	Projected 2014 Production	Actual 2014 Production	Difference (Act. - Pred.)	
	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)	
Jan.	**1,084.2**	**1,095.0**	**1,199.8**	**104.8**	
Feb.	**947.7**	**1,045.0**	**1,106.8**	**61.8**	
March	**1,270.4**	**1,460.0**	**1,341.4**	**-118.6**	
April	**1,570.1**	**2,050.0**	**1,631.1**	**-419.0**	
May	**2,073.7**	**2,010.0**	**2,029.5**	**19.5**	
June	2,293.6	2,290.0	**0.0**	0.0	
July	2,603.1	2,460.0	**0.0**	0.0	
Aug.	2,603.8	2,450.0	**0.0**	0.0	
Sept.	2,252.4	2,140.0	**0.0**	0.0	
Oct.	1,819.8	1,750.0	**0.0**	0.0	
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	7,660.0	**7,308.6**	**-351.4**	**-4.8%**
	2009thru 2013	21,600.0			

2014
PWD PRODUCTION & CUSTOMER WATER USE



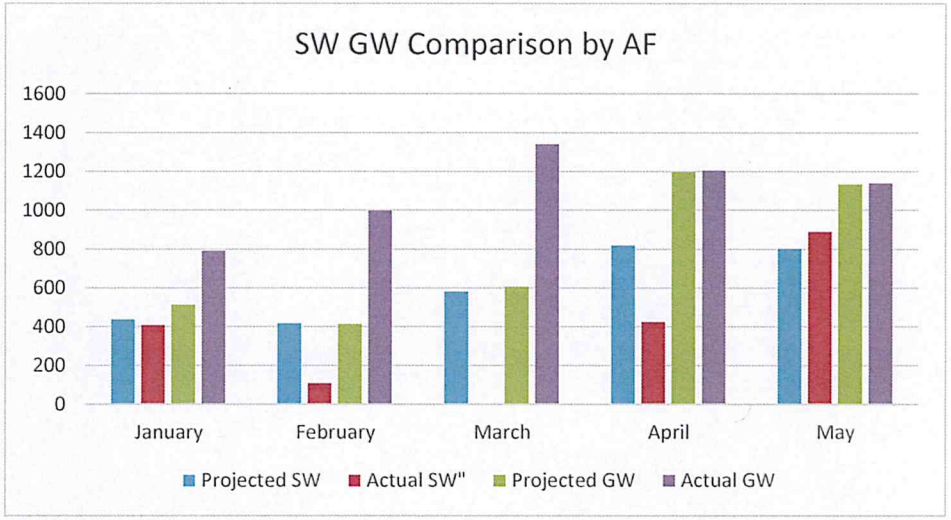
2014
PWD PRODUCTION & CUSTOMER WATER USE

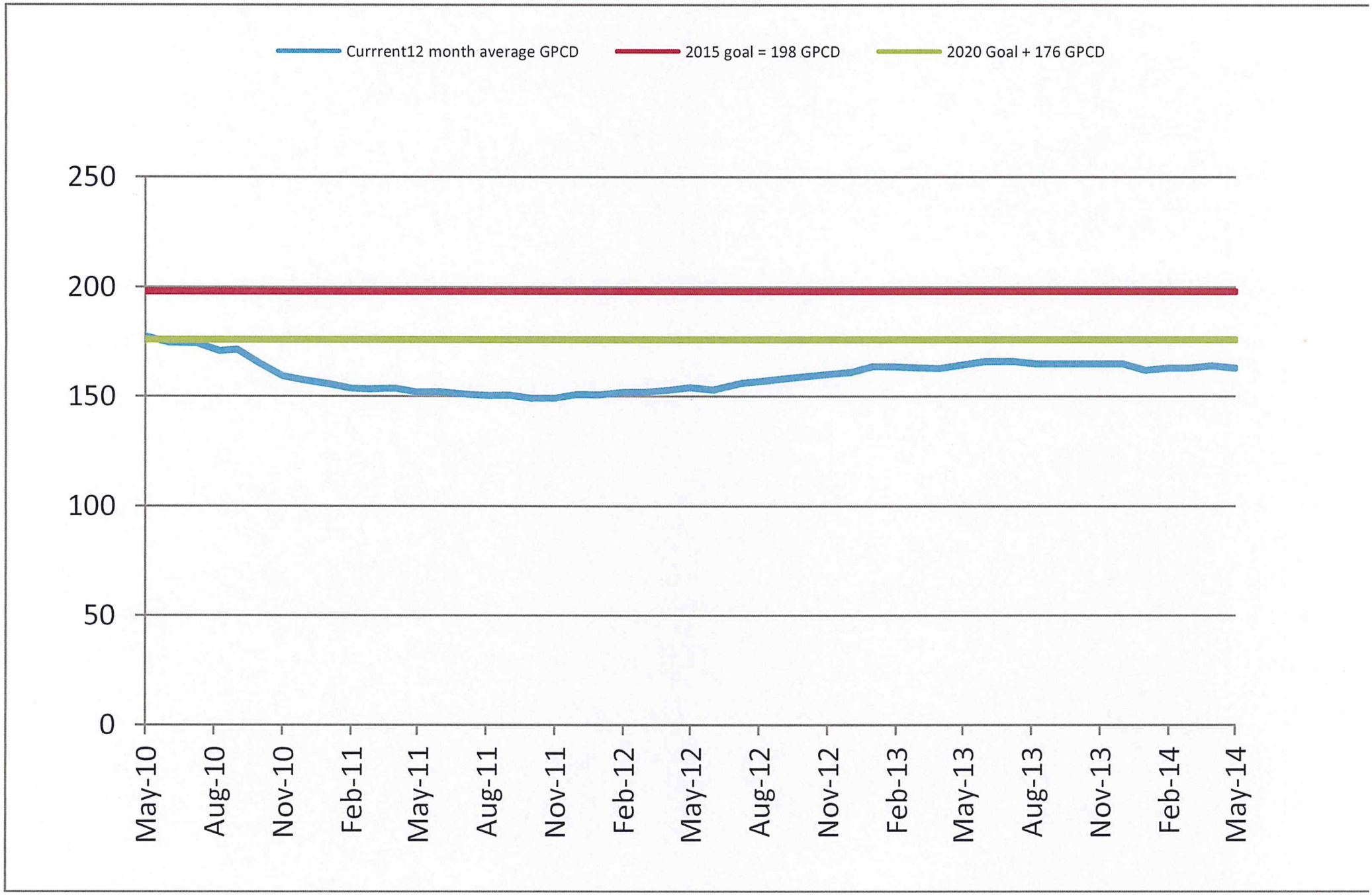


2014

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	0.0	0.0	0.0		
July	0.0	0.0	0.0		
August	0.0	0.0	0.0		
September	0.0	0.0	0.0		
October	0.0	0.0	0.0		
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		
Jan. thru July		
Jan. thru August		
Jan. thru September		
Jan. thru October		
Jan. thru November		
Jan. thru December		




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

2014 Water Production Plan @ 5% Allocation

Month	Raw Surface Water Sources								Water Production						Metered Water	
	Surface				Water		Evaporation	Total	WTP		Groundwater		Total			
	YUBA ACCORD	Carry Over (ac-ft)	AVWB (ac-ft) from CO *	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		**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		**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	**-80.00**	**-80.00**	**584**	**0.0**	**607.0**	**1341.4**	1,191.0	**1,341.4**	1,070.0	**1,032.5**
April		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		**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	534	800.0	0.0	0.0	0	67.0	-445.00	956.00	916	0.0	1,171.8	0.0	2,087.8	0.0	2,000.0	0.0
July		0.0	0.0	500.0	0.0	700.0	-126.30	1073.70	984	0.0	1,258.0	0.0	2,242.0	0.0	2,225.0	0.0
August		0.0	0.0	1000.0	0.0	100.0	-125.00	975.00	980	0.0	1,242.0	0.0	2,222.0	0.0	2,325.0	0.0
September		0.0	0.0	500.0	465.0	0.0	-69.00	896.00	856	0.0	1,350.0	0.0	2,206.0	0.0	2,400.0	0.0
October		0.0	0.0	500.0	300.0	0.0	-50.00	750.00	700	0.0	1,300.0	0.0	2,000.0	0.0	2,000.0	0.0
November		0.0	500.0	0.0	100.0	0.0	0.00	600.00	620	0.0	1,200.0	0.0	1,820.0	0.0	1,650.0	0.0
December		0.0	0.0	0.0	200.0	0.0	0.00	200.00	520	0.0	1,200.0	0.0	1,720.0	0.0	1,130.0	0.0
	534	**3,638.80**	**500.0**	**2500.0**	**1,065.0**	**867.0**	**(1,171.30)**	**7,933.50**	**3,064.0**	**1,830.8**	**3,871.4**	**5,477.78**	**6,935.4**	**7,308.6**	6,090.0	**5,889**
Allocated Total Use:	534	3,670.0	2,471.0	**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	21,233.2	21,500.00	18,800.0	18,900.0
Actual Planned Use		3,670.0	2,470.0	1,500.0	1,100.0	750.0		7,933.5								
Remaining Allotment:	0	**31.2**	1,971.0	0.0	-3.0	**133.0**	**78.7**	**566.5**	5,576.00	6,669.2	8,721.8	7,022.22	14,297.8	14,191.39	12,710.0	13,010.7
recoverable AVWB			2,471.5		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		**31.2**	0.0	**0.0**	**-3.0**	**0.0**		28.2					2,976.4		**4,370.0**	
Planned Available for Carryover								28								

Probable Case Scenario with 12,500 AF GW 6/25/2014

21,500 AF Needed Absent Conservation				Conservation % Required With Each Component
RESOURCE COMPONENT	Shortage	ACRE FEET	CUMULATIVE	
Groundwater	9,000	12,500	12,500	42%
Carry Over	5,330	3,670	16,170	25%
Littlerock Dam	4,480	850	17,020	21%
PWD TA	3,415	1,065	18,085	16%
Butte TA Allocation	2,845	570	18,655	13%
Yuba Accord	2,315	530	19,185	11%
SBVMWD	-185	2500	21,685	-1%
CLWA	-685	500	22,185	-3%
MWA	-1,685	1000	23,185	-8%
additional PWD GW	-2,185	500	23,685	-10%
	-2,435	250	23,935	-11%
	-2,435	0	23,935	-11%

AGENDA ITEM NO. 6.1

STATE WATER CONTRACTORS
BOARD OF DIRECTORS
BOARD ACTIONS
JUNE 19, 2014

The following actions were taken at the State Water Contractors (SWC) Board of Directors June 19, 2014 meeting upon motions duly made, seconded and unanimously passed.

1. Approved the Consent Calendar, including Draft Annual Membership Meeting Minutes, the Draft May 15, 2014 Board Meeting Minutes and the Draft May 29, 2014 Board Meeting Minutes, the April 30, 2014 Financial Report, and April 2014 Consultant Reports.

2. Authorized the SWC General Manager to contract with The Essex Partnership for consulting services to provide continuing technical facilitation for the Collaborative Adaptive Management Team. The cost for this work will be shared 50%-50% with San Luis&Delta-Mendota Water Authority for total cost of up to $49,500 ($24,750 SWC Share).

3. Approved the Fiscal Year 2014-15 State Water Contractor Objectives as defined in the May 15, 2014 Draft.

4. Authorized the SWC General Manager to enter into or amend the consulting contracts for the SWC Energy Fund totaling $297,000.

5. Authorized the SWC General Manager to enter into or amend the consulting contracts for the SWC Dues fund totaling $745,000.

6. Authorized the SWC General Manager to enter into or amend the consulting contracts for the SWC Bay-Delta fund totaling $1,640,000.

7. Authorized the SWC General Manager to contract with Elaine Archibald for assistance in monitoring ongoing water quality permitting activities. The costs for this work will be shared 50%-50% with San Luis & Delta-Mendota Water Authority (SLDMWA) for total cost of up to $15,000 ($7,500 SWC Share).

8. Authorized expenditures of up to $11,000 for the purchase and installation of new computers and software upgrades for the State Water Contractors office.

9. Authorized the General Manager to send a letter to DWR supporting the proposed combination of balanced and unbalanced exchanges between the San Bernardino Valley Municipal Water District, Mojave Water Agency, Castaic Lake Water Agency, Palmdale Water District, and Central Coast Water Authority as proposed by those agencies in their June 2014 proposal.

10. Authorized the SWC General Manager to contract with Tetra Tech for analysis of trends in Sacramento-San Joaquin Delta outflow. The cost for this work will be shared 50%-50% with SLDMWA for total cost of up to $100,000 ($50,000 SWC Share). Approval for this contract is contingent on SLDMWA commitment to provide their share of funding.

Other Actions:

1. The Personnel Committee reported that its recommendation for SWC staff salary increases was accepted. The Personnel Committee's recommendation was for a 1.4% cost of living increase (based on March to March indices), increasing the monthly medical allowance by $100 per month, and conducting a compensation and benefits survey prior to December 2014 for consideration in future benefits reviews.

2. The Board appointed Steve Arakawa, Curtis Creel and Joan Maher to coordinate with DWR in informal discussions to develop processes and plan for upcoming contract amendment negotiations on DHCCP Cost Allocation and Water Management Activities.