PALMDALE WATER DISTRICT

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October 15, 2012

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

Friday, October 19, 2012

3:00 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 September 21, 2012.

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

4.3) Discussion of the District's water banking opportunities. (Chair Dexter)

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

5) Project updates.

5.1) Recycled Water Master Plan. (Water & Energy Resources Manager Pernula)

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

5.3) Water Treatment and Transportation Agreement between Palmdale Water District and Antelope Valley East Kern Water Agency – Acton Water Treatment Plant. (Engineering Manager Knudson)

5.4) Littlerock Dam Sediment Removal Project. (Engineering Manager Knudson)

6) Information items.

7) Board members' requests for future agenda items.

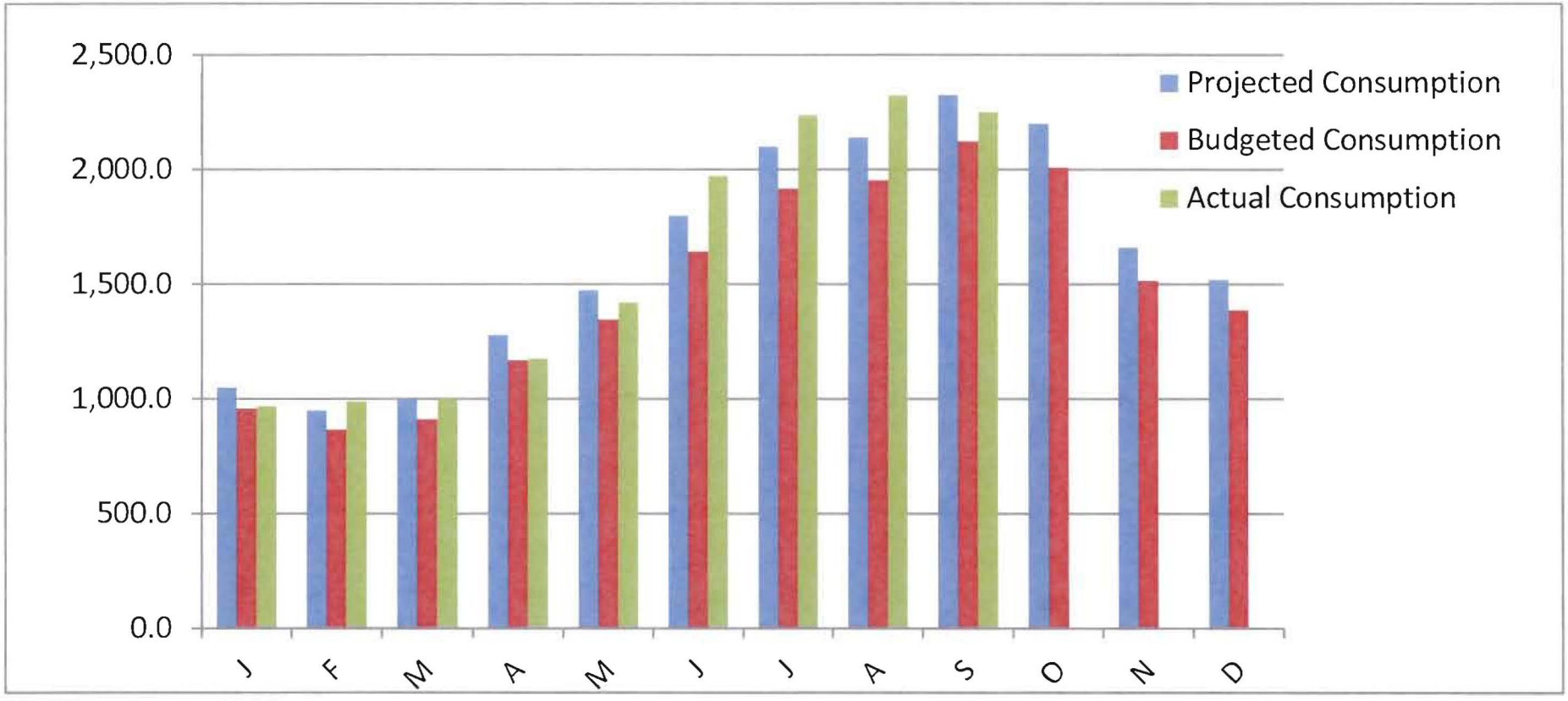
8) Adjournment.

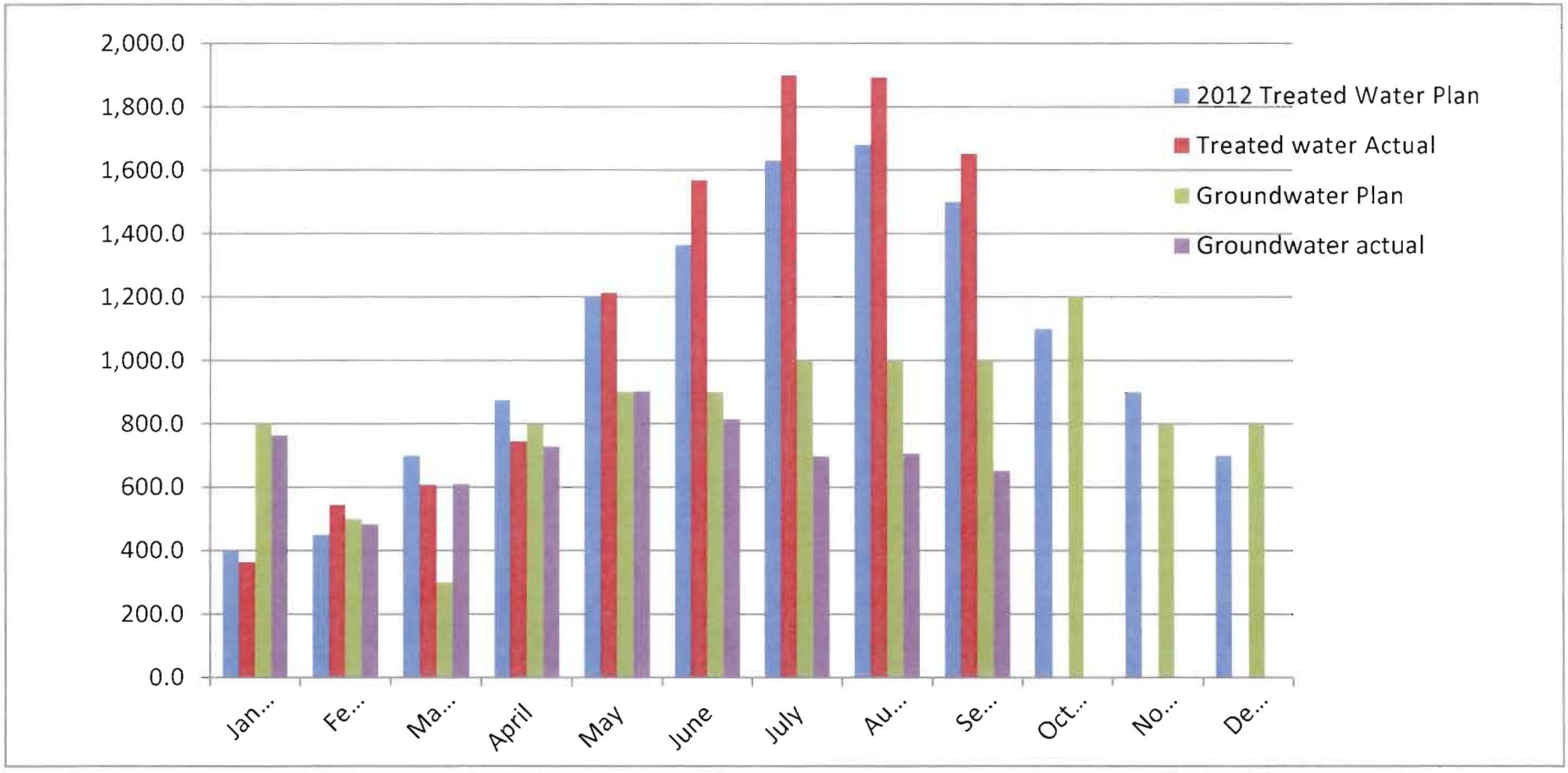
DENNIS D. LaMOREAUX,
General Manager

DDL/dh

2012

	PROJECTED	BUDGETED	ACTUAL
January	**1,050.0**	**958.5**	**969**
February	**950.0**	**867.2**	**989**
March	**1,000.0**	**912.8**	**1,001**
April	**1,280.0**	**1168.4**	**1,177**
May	**1,475.0**	**1346.4**	**1,422**
June	**1,800.0**	**1643.1**	**1,972**
July	**2,100.0**	**1916.9**	**2,237**
August	**2,140.0**	**1953.4**	**2,324**
September	**2,325.0**	**2122.3**	**2,250**
October	2,200.0	2008.2	**0**
November	1,660.0	1515.3	**0**
December	1,520.0	1387.5	**0**
Totals	19,500.0	17800.0 17800	14,340
Running total	**14,120.0**	**12,889**	**14,340**


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Projected Consumption
Budgeted Consumption
Actual Consumption


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2012 Treated Water Plan
Treated water Actual
Groundwater Plan
Groundwater actual

2012

MONTHLY TOTALS					
MONTH	TOTAL af	SW af	GW af	SW %	GW%
January	1,128.0	363.80	764.20	32.25%	67.75%
February	1,027.7	544.90	482.80	53.02%	46.98%
March	1,219.9	608.68	611.25	49.89%	50.11%
April	1,474.6	745.5	729.1	50.56%	49.44%
May	2,115.59	1213.2	902.4	57.35%	42.65%
June	2,383.20	1568.30	814.90	65.81%	34.19%
July	2,600.6	1900.4	698.2	73.08%	26.85%
August	2,600.30	1893.19	707.13	72.81%	27.19%
September	2,304.50	1651.70	652.80	71.67%	28.33%
October	0.00	0.00	0.00		
November	0.00	0.00	0.00		
December	0.00	0.00	0.00		

Running Averages	SW	GW
January	32.25%	67.75%
Jan. thru February	42.15%	57.85%
Jan. thru March	44.95%	55.05%
Jan. thru April	46.66%	53.34%
Jan. thru May	49.90%	50.10%
Jan. thru June	53.96%	46.04%
Jan. thru July	58.13%	41.87%
Jan. thru August	60.74%	39.24%
Jan. thru September	62.24%	37.75%
Jan. thru October	0.00%	0.00%
Jan. thru November	0.00%	0.00%
Jan. thru December	0.00%	0.00%

Month	Five-Year Aver. Consumption (ac.-ft.)	Projected 2012 Consumption (ac.-ft.)	Actual 2012 Consumption (ac.-ft.)	Difference (Act. - Pred.) (ac.-ft.)
Jan.	1232.2	**1,050.0**	**969**	**-81.0**
Feb.	1180.0	**950.0**	**989**	**39.1**
March	1130.9	**1,000.0**	**1,001**	**0.7**
April	1569.5	**1,280.0**	**1,177.0**	**-103.0**
May	1862.1	**1,475.0**	**1,421.8**	**-53.2**
June	2602.4	**1,800.0**	**1,972.9**	**172.9**
July	3094.9	**2,100.0**	**2,237.8**	**137.8**
Aug.	2842.5	**2,140.0**	**2,323.5**	**183.5**
Sept.	2871.7	**2,325.0**	**2,250.4**	**-74.6**
Oct.	2496.7	**2,200.0**	**0.0**	**0.0**
Nov.	1780.3	**1,660.0**	**0.0**	**0.0**
Dec.	1371.2	**1,520.0**	**0.0**	**0.0**
	24,034.3	**19,500.0**	**14,342.2**	**222.2**

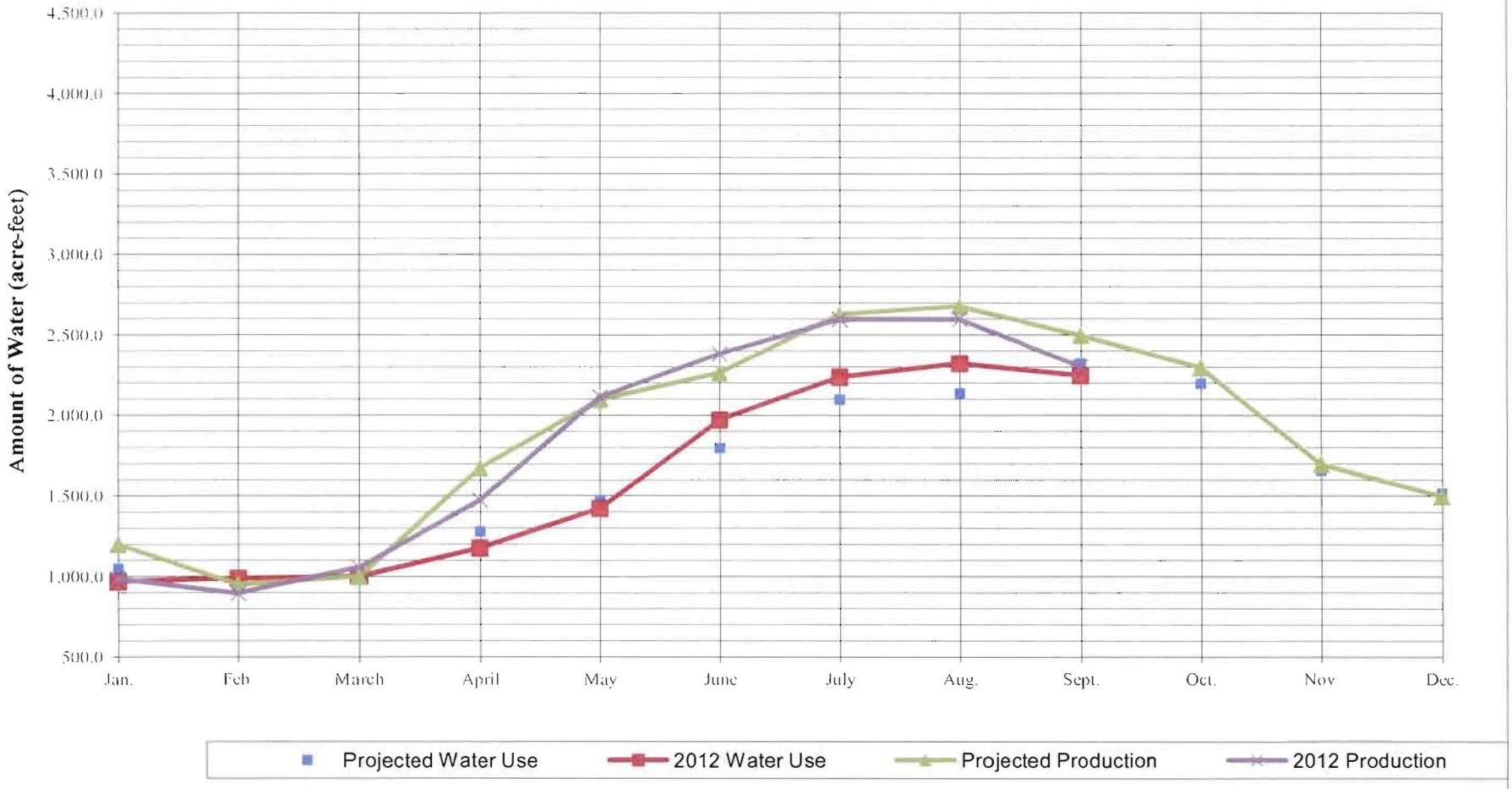
2005 thru 2009

21,500.0

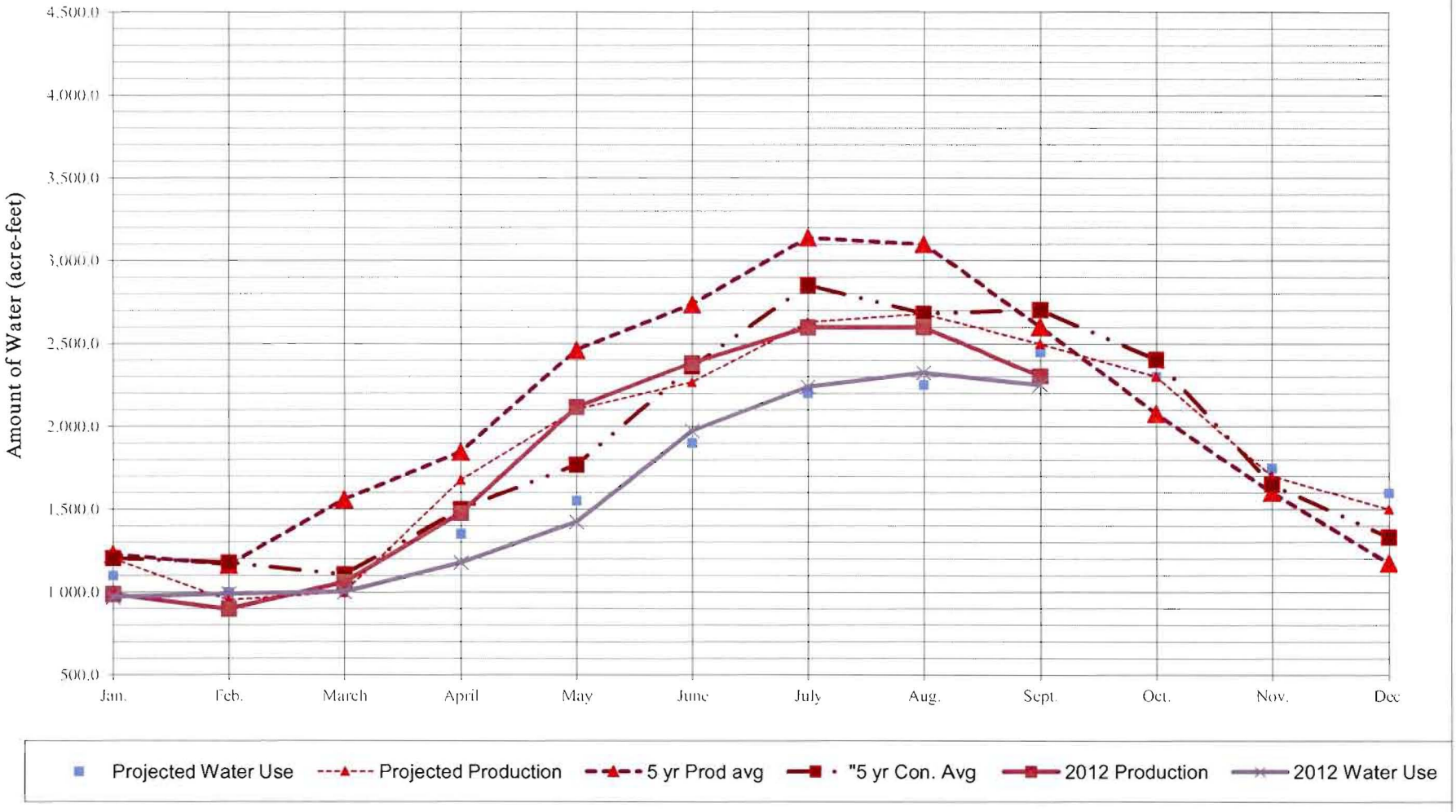
Month	Five-Year Aver. Production (ac.-ft.)	Projected 2012 Production (ac.-ft.)	Actual 2012 Production (ac.-ft.)	Difference (Act. - Pred.) (ac.-ft.)
Jan.	1249.1	**1,200.0**	**987.2**	**-212.8**
Feb.	1228.6	**950.0**	**896.8**	**-53.2**
March	1610.9	**1,000.0**	**1,058.4**	**58.4**
April	1959.0	**1,675.0**	**1,474.6**	**-200.4**
May	2585.3	**2,100.0**	**2,115.6**	**15.6**
June	2868.6	**2,265.0**	**2,383.2**	**118.2**
July	3318.8	**2,630.0**	**2,598.6**	**-31.4**
Aug.	3257.3	**2,680.0**	**2,600.3**	**-79.7**
Sept.	2697.0	**2,500.0**	**2,304.6**	**-195.4**
Oct.	2191.4	**2,300.0**	**0.0**	**0.0**
Nov.	1727.2	**1,700.0**	**0.0**	**0.0**
Dec.	1269.7	**1,500.0**	**0.0**	**0.0**
	25,962.9	**22,500.0**	**16,419.3**	**-580.7**

23,500.0

2012
PWD PRODUCTION & CUSTOMER WATER USE



2012
PWD PRODUCTION & CUSTOMER WATER USE



DRAFT 2012 Water Production Plan @ 65% Allocation

Month	Raw Surface Water Sources							Water Production						Metered Water	
	Surface Water					Evaporation	Total	WTP		Groundwater		Total			
	Carry Over (ac-ft) *	Banking & Exchange (ac-ft) from CO *	Butte Transf. (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	0.0	*2637.8*	0.0	**1327.8**	0.0	0.00	**1,327.8**	**400.0**	**363.8**	**800.0**	**764.2**	**1,200.0**	**1,128.0**	1,050.0	**969**
February	0.0	0.0	0.0	**610.4**	0.0	0.00	**610.4**	**450.0**	**544.9**	**500.0**	**482.8**	**950.0**	**1,027.7**	950.0	**989**
March	0.0	0.0	0.0	**621.4**	0.0	0.00	**621.4**	**700.0**	**608.7**	**300.0**	**611.3**	**1,000.0**	**1,220.0**	1,000.0	**1,001**
April	0.0	0.0	0.0	**810.4**	0.0	-75.00	**735.4**	**875.0**	**745.5**	**800.0**	**729.1**	**1,675.0**	**1,474.6**	1,280.0	**1,177**
May	0.0	0.0	0.0	**1378.9**	0.0	-50.00	**1,328.9**	**1,200.0**	**1213.2**	**900.0**	**902.4**	**2,100.0**	**2,115.6**	1,475.0	**1,421.8**
June	0.0	0.0	0.0	**1834.7**	0.0	**-446.70**	**1,388.0**	**1,365.0**	**1568.3**	**900.0**	**814.9**	**2,265.0**	**2,383.2**	1,800.0	**1,972**
July	0.0	0.0	0.0	**2103.7**	0.0	**-144.20**	**1,959.5**	**1,630.0**	**1900.4**	**1,000.0**	**698.2**	**2,630.0**	**2,598.6**	2,100.0	**2,237**
August	0.0	0.0	**1324.6**	**806.7**	**132.4**	-270.00	**1,993.7**	**1,680.0**	**1893.2**	**1,000.0**	**707.1**	**2,680.0**	**2,600.3**	2,140.0	**2,324**
September	0.0	0.0	**1861.2**	0.0	0.0	-210.00	**1,651.2**	**1,500.0**	**1651.7**	**1,000.0**	**652.8**	**2,500.0**	**2,304.5**	2,325.0	**2,250**
October	0.0	0.0	0.0	1100.0	0.0	-135.70	**0.0**	**1,100.0**	0.0	**1,200.0**	0.0	**2,300.0**	0.0	2,200.0	0
November	0.0	0.0	0.0	900.0	0.0	-50.00	**0.0**	**900.0**	0.0	**800.0**	0.0	**1,700.0**	0.0	1,660.0	0
December	0.0	0.0	0.0	740.0	0.0	-39.30	**0.0**	**700.0**	0.0	**800.0**	0.0	**1,500.0**	0.0	1,520.0	0
	0.00	**2,637.8**	**3185.8**	**9,494.0**	**132.4**	**(1,420.90)**	**11,616.30**	**12,500.0**	**10489.7**	**10,000.0**	**6,362.74**	**22,500.0**	**16,852.4**	**19,500.0**	**14,340**
Allocated Total Use:	0.0	7,133.0	**6,500.0**	**13,845.0**	**3,500.0**	1,250.0	13,845.0	12,500.0	11,000.0	10,000.0	9,000.00	22,500.0	21,500.00	19,500.0	18,500.0
Actual C.O. from 2011	7,133.0	7,133.0		0.0				5,920.0		5,200.0		11,820.0		9,655.0	14,340.5
Remaining Allotment:	**0.0**	**4,495.2**	**3,314.2**	**4,351.0**	**3,367.6**	**-170.9**	**2,228.7**	0.00	-510.3	0.0	-2,637.26	0.00	-4,647.57	0.0	4,159.5
Banked in Nov/Dec 2011		2,980.2								6994.6			19,600.00		17,571
Total:	0.0	0.0	0.0	13,845.0	0.0	-1,250.0	12,500.0								
AVAILABLE FOR CARRYOVER	**0.0**	**1,515.0**	**3,314.2**	**4,351.0**	**0.0**		9,180.2								