

## PALMDALE WATER DISTRICT

2029 East Avenue Q . Palmdale, California 93550 .

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Attorneys



## **Board of Directors**

ROBERT E. ALVARADO Division 1 GORDON G. DEXTER Division 2 GLORIA DIZMANG Division 3 KATHY MAC LAREN

Division 4
STEVE R. CORDOVA
Division 5

July 23, 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, July 27, 2012 3:00 p.m.

<u>NOTE:</u> To comply with the Americans with Disabilities Act, to participate in any Board meeting please contact Dawn Deans at 661-947-4111 x103 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 x103 for public review of materials.

<u>PUBLIC COMMENT GUIDELINES:</u> 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.)

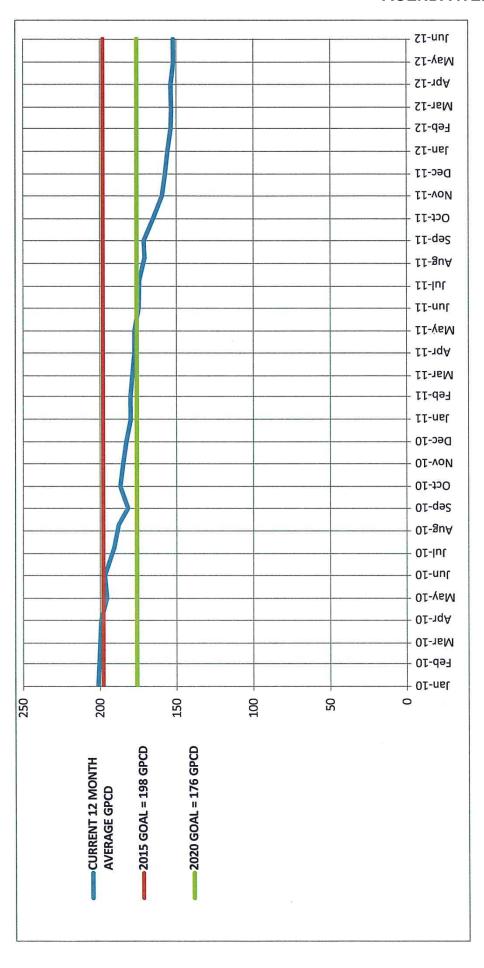
- 4.1) Consideration and possible action on approval of minutes of meeting held June 15, 2012.
- 4.2) Presentation of monthly water demand and supply status. (Water & Energy Resources Manager Pernula)
- 4.3) Consideration and possible action on Strategic Water Resources Plan. (Water & Energy Resources Manager Pernula)
- 4.4) Discussion of the District's water banking opportunities. (Chair Dexter)
- 5) Project updates.
  - 5.1) Recycled Water Master Plan. (Water & Energy Resources Manager Pernula)
  - 5.2) Garden Bar Water Supply and Power Project. (Water & Energy Resources Manager Pernula)
  - 5.3) Water purchase opportunities. (Water & Energy Resources Manager Pernula)
  - 5.4) Water Treatment and Transportation Agreement between Palmdale Water District and Antelope Valley East Kern Water Agency Acton Water Treatment Plant. (Engineering Manager Knudson)
  - 5.5) Littlerock Dam Sediment Removal Project. (Engineering Manager Knudson)
- 6) Public comments on closed session agenda matters.
- 7) Closed session under:
  - 7.1) Government Code Section 54956.9(a), existing litigation: *Antelope Valley Ground Water Cases*.
- 8) Public report of any action taken in closed session.
- 9) Information items.
- 10) Board members' requests for future agenda items.
- 11) Adjournment.

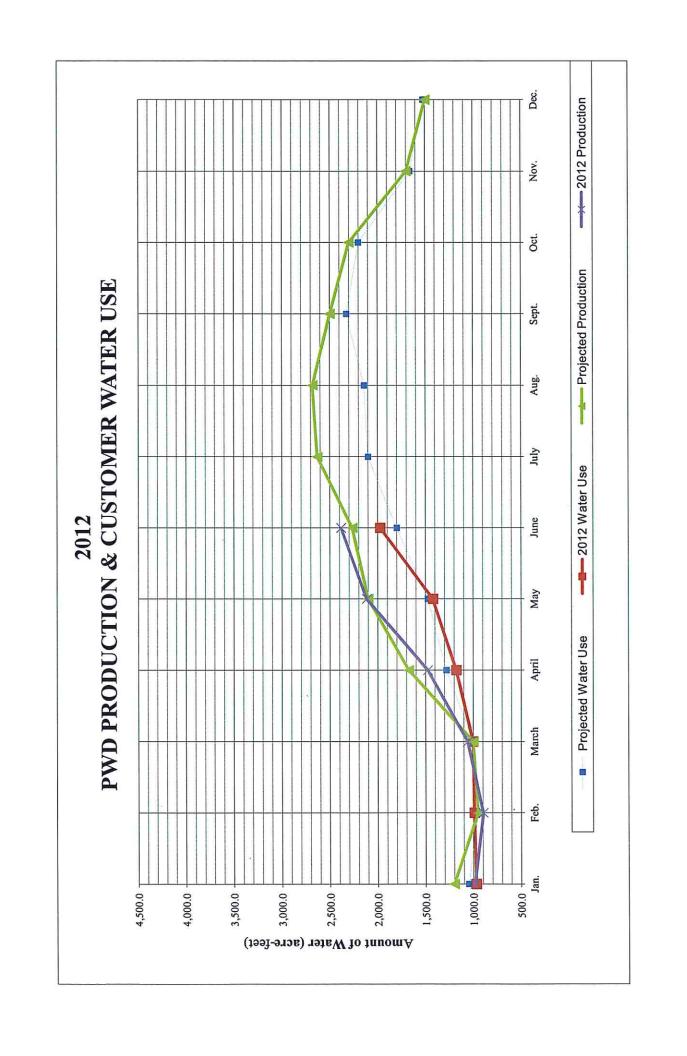
DENNIS D. LaMOREAUX

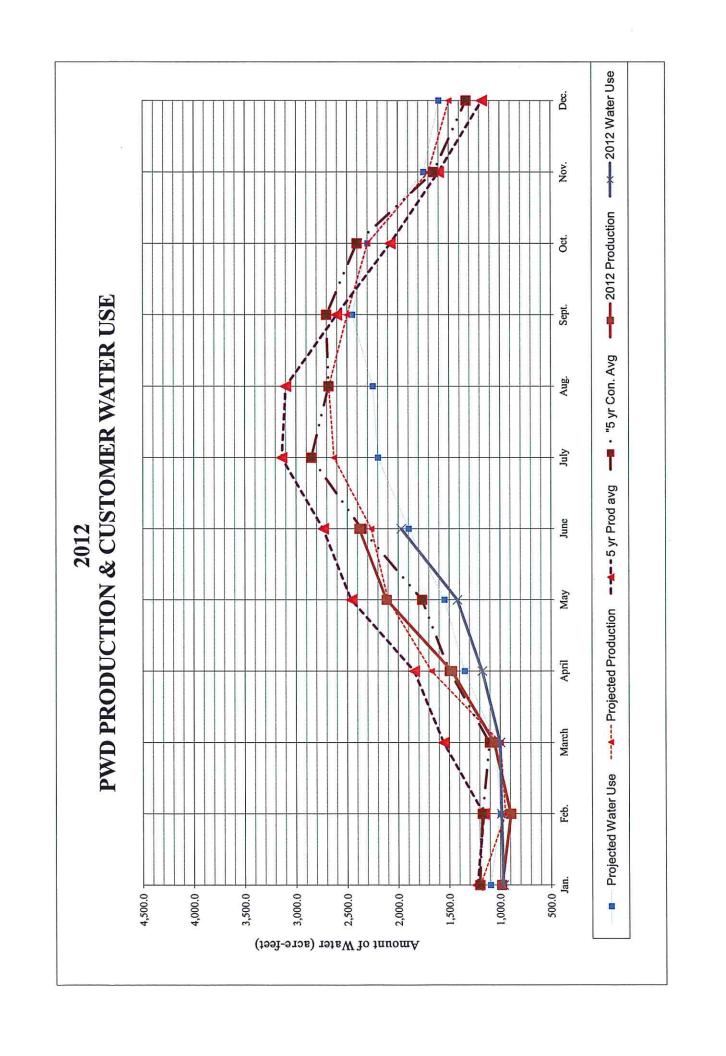
General Manager

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## **AGENDA ITEM NO. 4.2**





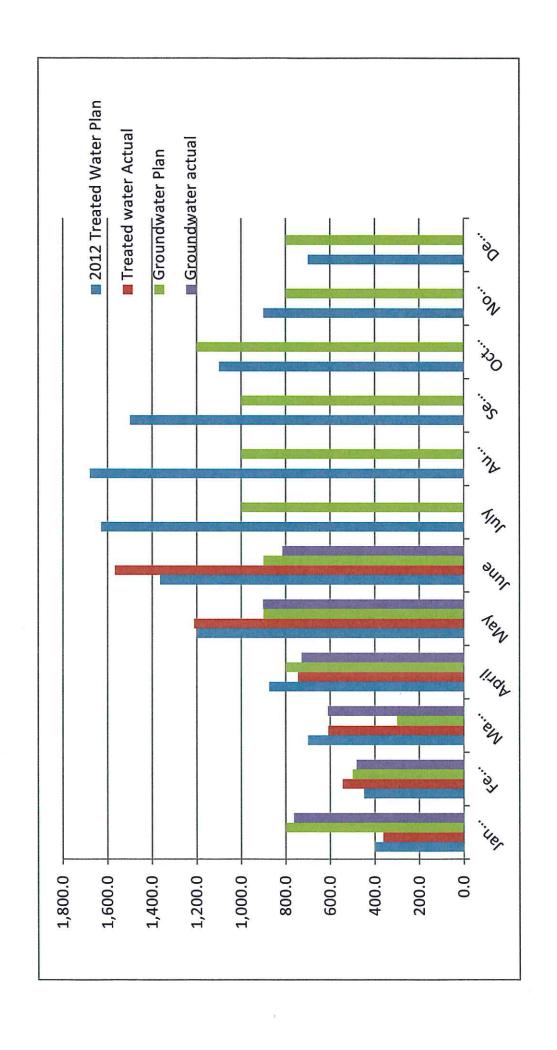


Month	Five-Year Aver.	Projected 2012	Actual 2012	Difference
	Consumption	Consumption	Consumption	(Act Pred.)
	(acft.)	(acft.)	(acft.)	(acft.)
Jan.	1232.2	1,050.0	969	-81.0
Feb.	1180.0	950.0	989	39.1
March	1130.9	1,000.0	1,001	0.7
April	1569.5	1,280.0	1,177.0	-103.0
May	1862.1	1,475.0	1,421.8	-53.2
June	2602.4	1,800.0	1,972.9	172.9
July	3094.9	2,100.0	0.0	0.0
Aug.	2842.5	2,140.0	0.0	0.0
Sept.	2871.7	2,325.0	0.0	0.0
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	7,530.5	-24.5

2005 thru 2009

21,500.0

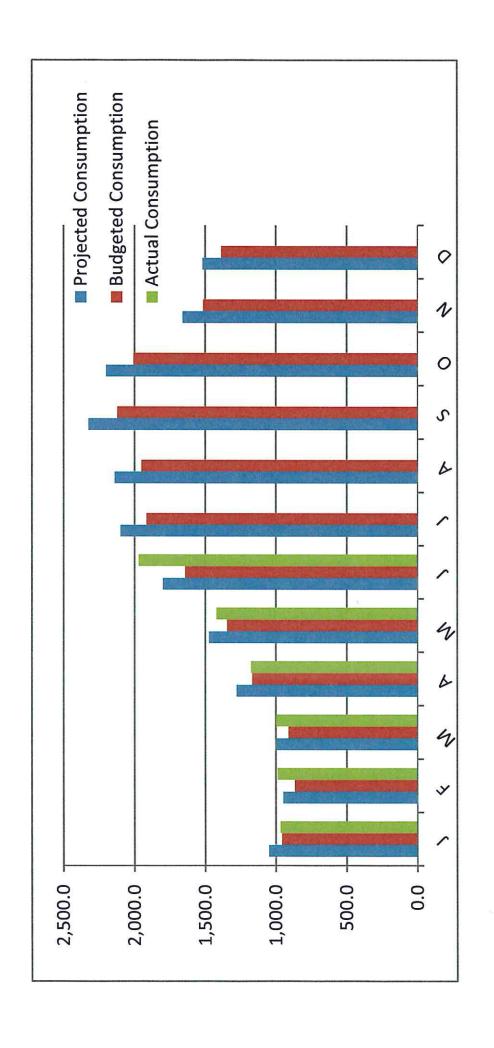
Month	Five-Year Aver.	Projected 2012	Actual 2012	Difference
	Production	Production	Production	(Act Pred.)
	(acft.)	(acft.)	(acft.)	(acft.)
Jan.	1249.1	1,200.0	987.2	-212.8
Feb.	1228.6	950.0	896.8	-53.2
March	1610.9	1,000.0	1,058.4	58.4
April	1959.0	1,675.0	1,474.6	-200.4
May	2585.3	2,100.0	2,115.6	15.6
June	2868.6	2,265.0	2,383.2	118.2
July	3318.8	2,630.0	0.0	0.0
Aug.	3257.3	2,680.0	0.0	0.0
Sept.	2697.0	2,500.0	0.0	0.0
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	8,915.8	-274.2



		MONTHLY TOTALS	TALS		
MONTH	TOTAL af	SW af	GW af	% MS	8M%
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	89.809	611.25	49.89%	50.11%
April	1,474.6	745.5	729.1	20.56%	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	0.00	00.00	00.00		
August	0.00	00.00	00.0		
September	0.00	00.00	00.00		
October	0.00	00.00	00.00		
November	00.00	00.00	00.00		
December	00'0	0.00	00.00		
	9,349.0	5044.38	4304.64		

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	0.00%	0.00%
Jan. thru August	0.00%	0.00%
Jan. thru September	0.00%	0.00%
Jan. thru October	0.00%	0.00%
Jan. thru November	0.00%	0.00%
Jan. thru December	0.00%	0.00%

	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	0
August	2,140.0	1953.4	0
September	2,325.0	2122.3	0
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	7,530
		17800	
Running total	7,555.0	6,896	7,530



DRAFT 2012 Water Production Plan @ 65% Allocation

		Raw	Raw Surface Water Sources	Sollings.		0	Section 2		M	Water Production				Matered	
Month		Surface	Series water	Water		Evaporation Total	Total	WTP		Groundwater	ater	Total		Water	
	Carry Over	Carry Over   Banking & Exchange   Butte Transf.   PWD/SWP	Butte Transf.	PWD/SWP	2	Plan	Plan	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual
	(ac-ft) *	(ac-ft) from CO *	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)	(ac-ft)
January	0.0	2637.8	0.0	1327.8	0.0	00:00	1,327.8	400.0	363.8	0.008	764.2	1,200.0	1,128.0	1,050.0	696
February	0.0	0.0	0.0	610.4	0.0		610.4	450.0	544.9	500.0	482.8	950.0	1,027.7	950.0	686
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	0.006	0.0	-285.00	0.0	1,630.0	0.0	1,000.0	0.0	2,630.0	0.0	2,100.0	0
August	0.0	0.0	0.0	1950.0	0.0		0.0	1,680.0	0.0	1,000.0	0.0	2,680.0	0.0	2,140.0	0
September	0.0	0.0	0.0	1710.0	0.0	-210.00	0.0	1,500.0	0.0	1,000.0	0.0	2,500.0	0.0	2,325.0	0
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	0.006	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
	00:00	2,637.8	0.0	6,583.6		(1,561.70)	6,011.90	12,500.0	5044.4	10,000.0	4,304.64	22,500.0	9,349.0	19,500.0	7,530
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				3,625.0		3,300.0		6,925.0		5,755.0	7,529.6
Remaining Allotment:	0.0	4,495.2	6,500.0	7,261.4	3,500.0	-311.7	7,833.1	0.00	-5,955.6	0.0	4,695.36	00.00	12,150.96	0.0	10,970.4
Banked in Nov/Dec 2011		2,980.2				1				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								
AVAII ARI F FOR CARRYOVER	0.0	1.515.0	0.0	7.261.4	0.0		8 776 4								