



PALMDALE WATER DISTRICT

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www.palmdalewater.org

Board of Directors

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Division 3

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Division 4

VINCENT DINO
Division 5

ALESHIRE & WYNDER LLP
Attorneys



April 16, 2015

***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, April 20, 2015
2:30 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 (Government Code Section 54957.5). 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.)

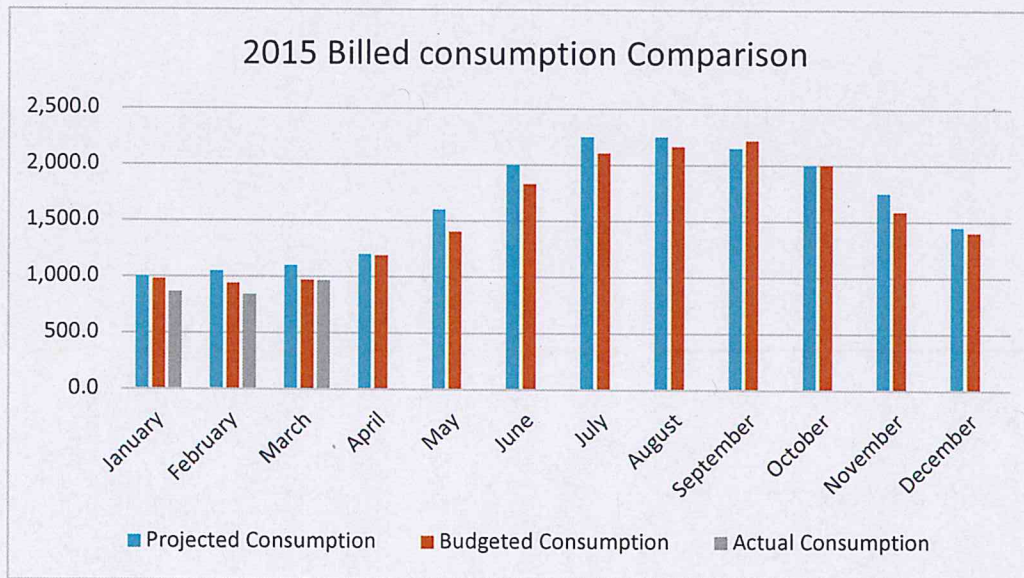
- 4.1) Consideration and possible action on approval of minutes of meeting held March 23, 2015.
- 4.2) Presentation of monthly water demand and supply status. (Water & Energy Resources Director Pernula)
- 4.3) Status on the operations of the State Water Project. (Water & Energy Resources Director Pernula)
- 4.4) Consideration and possible action on Resolution No. 15-9 Declaring Continued Emergency Water Conservation Restrictions and Reaffirming State Water Resources Control Board Regulations on the Delivery and Consumption of Water for the Purpose of Achieving the Mandated 25% Reduction in Potable Water Use as required on April 1, 2015 by Executive Order B-29-15. (Water & Energy Resources Director Pernula)
- 5) Project updates.
 - 5.1) Littlerock Dam Sediment Removal Project. (Assistant General Manager Knudson)
 - 5.2) Palmdale Recycled Water Authority. (General Manager LaMoreaux)
 - 5.3) City of Palmdale's Upper Amargosa Recharge Project. (Assistant General Manager Knudson)
 - 5.4) Palmdale Regional Groundwater Recharge and Recovery Project. (Assistant General Manager Knudson)
 - 5.5) Status on drought. (Water & Energy Resources Director Pernula)
- 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

AGENDA ITEM NO. 4.2

2015 BILLED CONSUMPTION				
Month	Projected	Budgeted	Actual	2013
January	1,000.0	979	865.0	944.3
February	1,050.0	941	841.2	918.3
March	1,100.0	970	965.5	962.7
April	1,200.0	1,191.5	0.0	
May	1,600.0	1,405.0	0.0	
June	2,000.0	1,830.7	0.0	
July	2,250.0	2,104.6	0.0	
August	2,250.0	2,165.7	0.0	
September	2,150.0	2,219.2	0.0	
October	2,000.0	2,002.1	0.0	
November	1,750.0	1,588.3	0.0	
December	1,450.0	1,402.5	0.0	
Current AF	3,150.0	2,890	2,671.7	2825.3
Total	19,800.0	18,800	2,671.7	

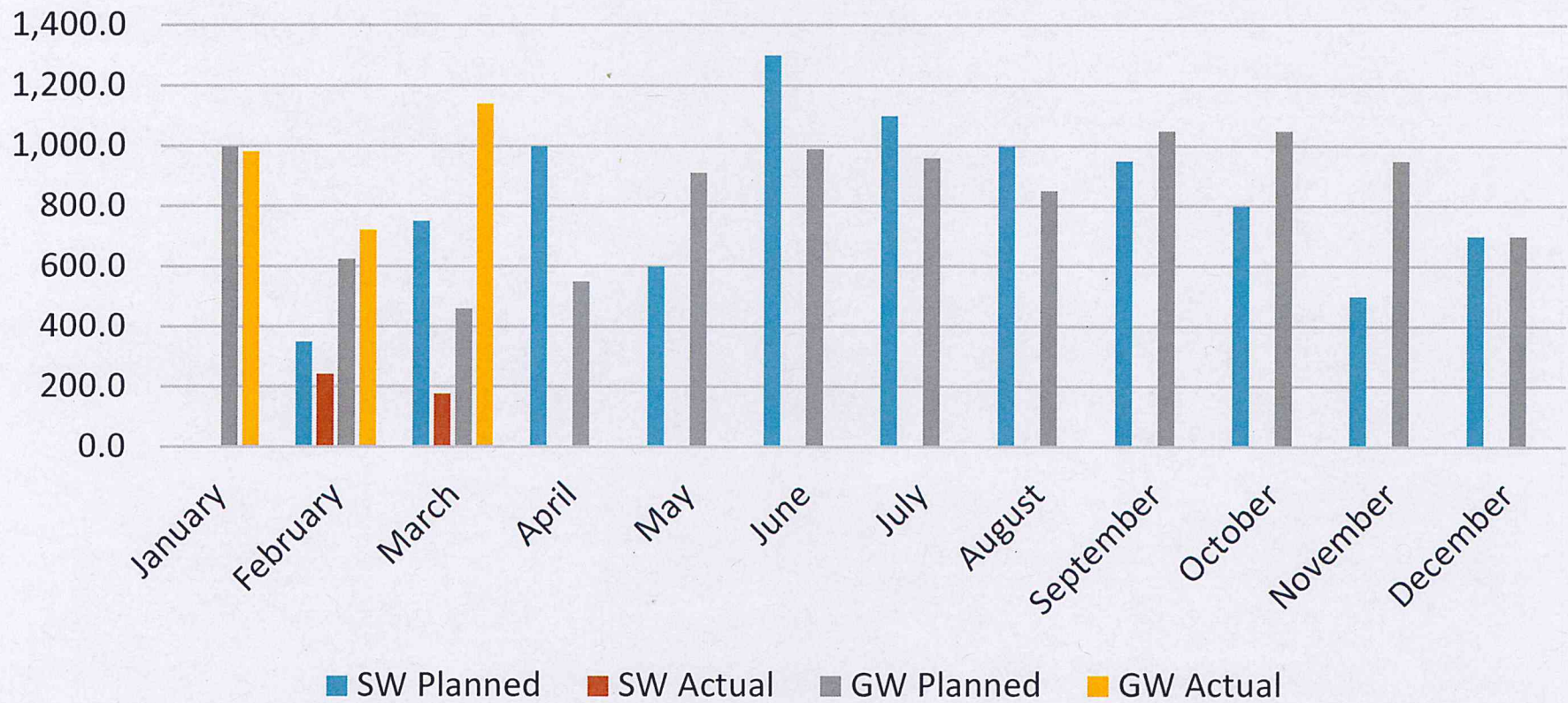


2015

MONTHLY TOTALS					
MONTH	TOTAL af	SW af	GW af	SW %	GW%
January	980.4	0.0	980.4	0.00%	100.00%
February	964.1	242.6	721.5	25.16%	74.84%
March	1,317.5	177.5	1140.0	13.47%	86.53%
April	0.0	0.0	0.0	0.00%	0.00%
May	0.0	0.0	0.0	0.00%	0.00%
June	0.0	0.0	0.0	0.00%	0.00%
July	0.0	0.0	0.0	0.00%	0.00%
August	0.0	0.0	0.0	0.00%	0.00%
September	0.0	0.0	0.0	0.00%	0.00%
October	0.0	0.0	0.0	0.00%	0.00%
November	0.0	0.0	0.0	0.00%	0.00%
December	0.0	0.0	0.0	0.00%	0.00%

2015 Running Averages	SW	GW
January	0.00%	100.00%
Jan. thru February	12.58%	87.42%
Jan. thru March	12.88%	87.12%
Jan. thru April	9.66%	0.00%
Jan. thru May	7.73%	0.00%
Jan. thru June	6.44%	0.00%
Jan. thru July	5.52%	0.00%
Jan. thru August	4.83%	0.00%
Jan. thru September	4.29%	0.00%
Jan. thru October	3.86%	0.00%
Jan. thru November	3.51%	0.00%
Jan. thru December	3.22%	0.00%

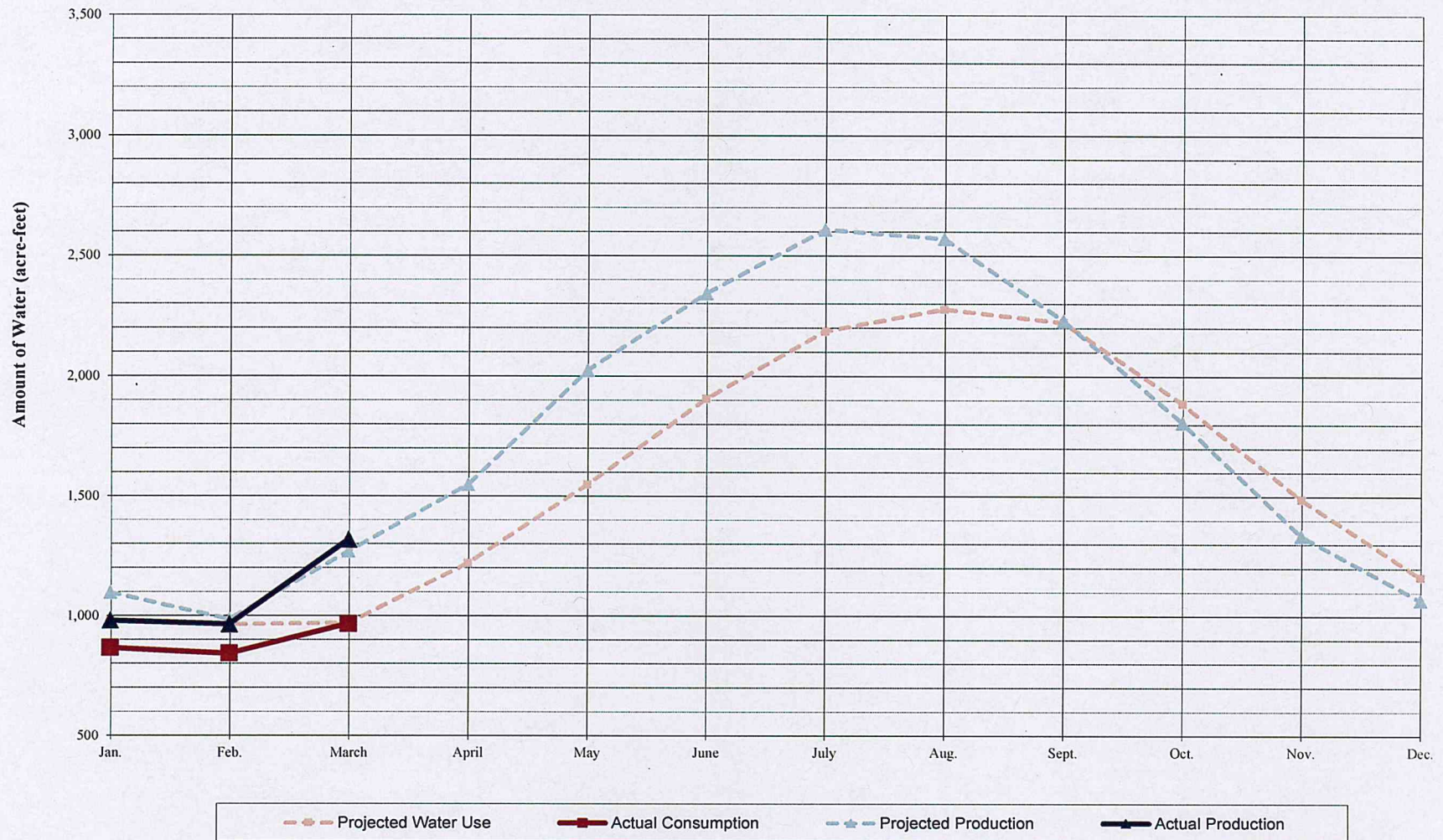
2015 SW GW Comparison by AF



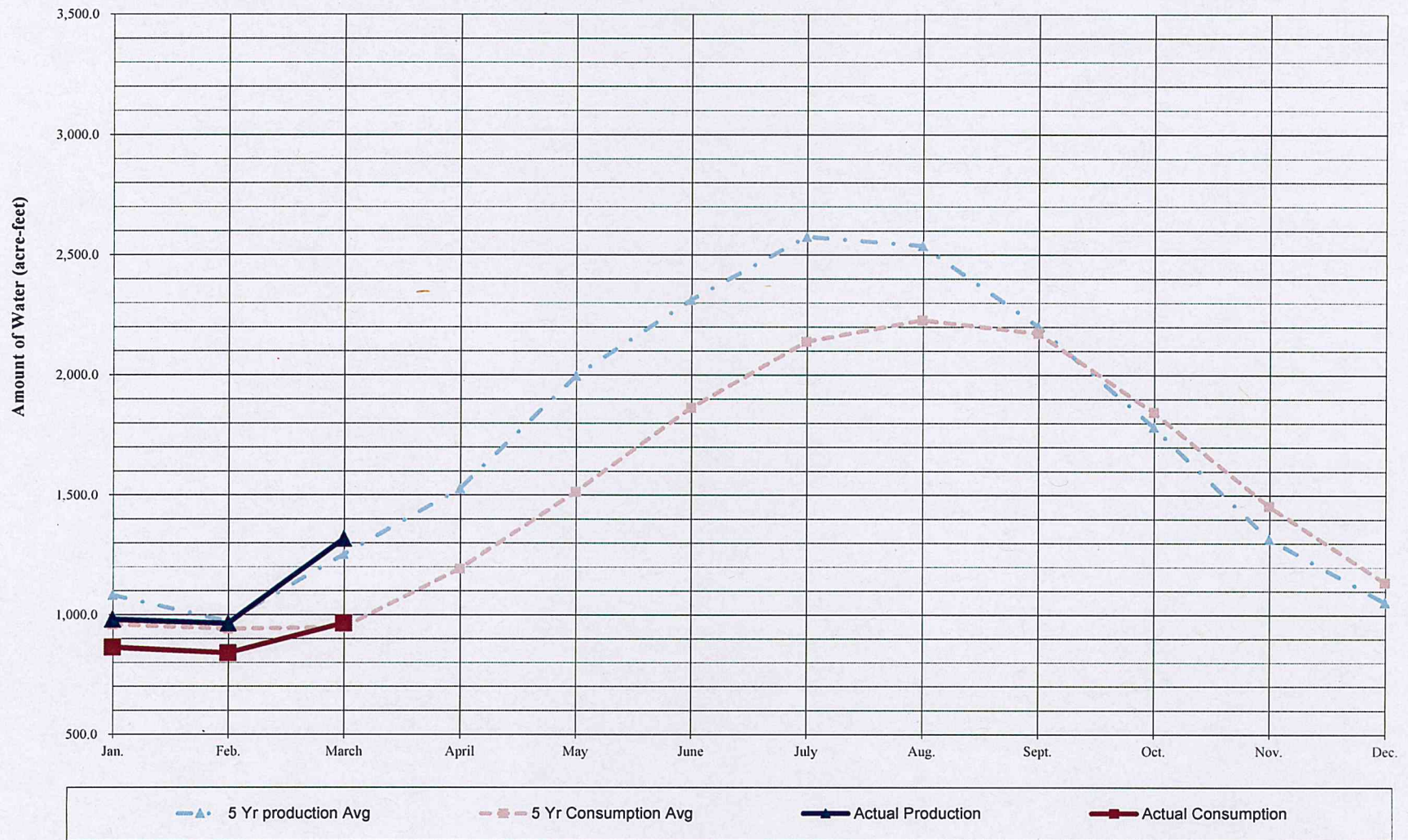
Month	Five-Year Aver. Consumption	Budgeted 2015 Consumption	Actual 2015 Consumption	Difference (Act. - Pred.)
	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)
Jan.	960.5	981	865.0	(116.3)
Feb.	942.5	963	841.2	(121.7)
March	948.3	969	965.5	(3.4)
April	1193.4	1,219		
May	1514.7	1,548		
June	1863.8	1,904		
July	2138.0	2,184		
Aug.	2227.6	2,276		
Sept.	2174.0	2,221		
Oct.	1845.4	1,885		
Nov.	1455.2	1,487		
Dec.	1137.5	1,162		
	18,401	18,800	2,671.7	-241.4
	18,401	18,800		-1.3%

Month	Five-Year Aver. Production	Projected 2015 Production	Actual 2015 Production	Difference (Act. - Pred.)
	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)	(ac.-ft.)
Jan.	1,083.2	1,097.3	980.4	(116.9)
Feb.	972.3	985.0	964.1	(20.9)
March	1,252.0	1,268.2	1,317.5	49.3
April	1,527.4	1,547.2		
May	1,996.3	2,022.3		
June	2,311.4	2,341.4		
July	2,574.6	2,608.0		
Aug.	2,536.5	2,569.5		
Sept.	2,200.4	2,229.0		
Oct.	1,784.0	1,807.2		
Nov.	1,318.1	1,335.2		
Dec.	1,053.7	1,067.4		
	20,610	20,878	3,262.0	-88.5
	20,610	20,878		-0.4%

2015
PWD PRODUCTION & CUSTOMER WATER USE - Actual vs. Budgeted



2015
PWD PRODUCTION & CUSTOMER WATER USE - Actual vs. 5 Year Averages



20% PWD uses banked water

21,500 AF Needed Absent Conservation				Conservation % Required With Each Component
RESOURCE COMPONENT	SHORTAGE	ACRE FEET	CUMULATIVE	
Groundwater	-11000	11,500	11,500	47%
SWP Table A @20%	-7330	4,260	15,760	27%
Banked Groundwater AV	-5,740	0	15,760	27%
Littlerock Dam SW	-4,240	1,500	17,260	20%
Butte TA Allocation	-3,111	1,129	18,389	14%
Yuba Accord	-2,686	425	18,814	12%
Dry Year Purchase Prog.	-2,336	350	19,164	11%
MYWP	-2,254	82	19,246	10%
additional PWD GW (a)	-1,754	500	19,746	8%
New exchange Water	746	2500	22,246	-3%
Butte	896	150	22,396	-4%
	896	0	22,396	-4%

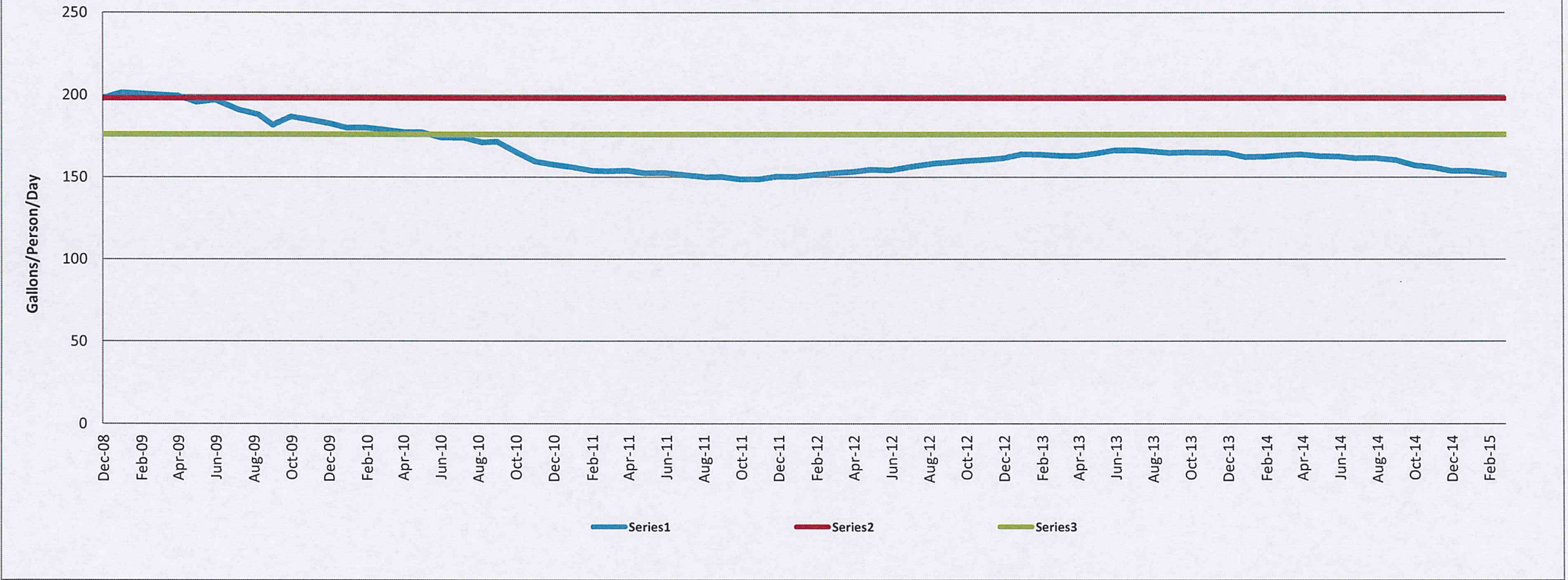
20% PWD uses banked water

19,350 AF Needed with 10% Conservation				Conservation % Required With Each Component
RESOURCE COMPONENT	SHORTAGE	ACRE FEET	CUMULATIVE	
Groundwater	-7,850	11,500	11,500	41%
SWP Table A @20%	-3,590	4,260	15,760	19%
Banked Groundwater AV	-3,590	0	15,760	19%
Littlerock Dam SW	-2,090	1,500	17,260	11%
Butte TA Allocation	-961	1,129	18,389	5%
Yuba Accord	-536	425	18,814	3%
Dry Year Purchase Prog.	-186	350	19,164	1%
MYWP	-104	82	19,246	1%
additional PWD GW (a)	396	500	19,746	-2%
New exchange Water	2,896	2500	22,246	-15%
Butte	3,046	150	22,396	-16%
	3,046	0	22,396	-16%

2015 Water Production Plan @20% Allocation

Month	Raw Surface Water Sources								Water Production						Metered	
	Surface				Water		Evaporation	Total	WTP		Groundwater		Total		Water	
	YUBA ACCORD	AVWB (ac-ft)	BUTTE (ac-ft) fromTA *	DRY YR-MYWP (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	0.0	0.0	0.0	998.0	0.0	0.00	998.00	0.0	0.0	1,000.0	980.4	1,000.0	980.4	1,000.0	865.0
February	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	350.0	242.6	625.0	721.5	975.0	964.1	1,050.0	841.2
March	0.0	0.0	0.0	0.0	0.0	190.5	-85.00	105.54	750.0	177.5	460.0	1140.0	1,210.0	1,317.5	1,100.0	965.5
April	0.0	0.0	400	0.0	700.0	0.0	-100.00	1000.00	1,000.0	0.0	550.0	0.0	1,550.0	1,550.0	1,200.0	0.0
May	0.0	0.0	475	0.0	300.0	0.0	-176.00	599.00	600.0	0.0	910.0	0.0	1,510.0	1,510.0	1,600.0	0.0
June	0.0	0.0	360	500.0	600.0	0.0	-157.00	1303.00	1,300.0	0.0	990.0	0.0	2,290.0	2,290.0	2,000.0	0.0
July	0.0	0.0	100	0.0	1000.0	0.0	-80.00	1020.00	1,100.0	0.0	960.0	0.0	2,060.0	2,060.0	2,250.0	0.0
August	0.0	1000.0	0	0.0	600.0	500.0	-75.00	1025.00	1,000.0	0.0	850.0	0.0	1,850.0	1,850.0	2,250.0	0.0
September	0.0	650.0	0.0	0.0	285.0	730.0	-65.00	950.00	950.0	0.0	1,050.0	0.0	2,000.0	2,000.0	2,150.0	0.0
October	0.0	600.0	0.0	0.0	800.0	0.0	0.00	800.00	800.0	0.0	1,050.0	0.0	1,850.0	1,850.0	2,000.0	0.0
November	116.0	221.0	0.0	390.0	0.0	0.0	0.00	506.00	500.0	0.0	950.0	0.0	1,450.0	1,450.0	1,750.0	0.0
December	384.0	0.0	0.0	110.0	0.0	206.0	0.00	700.00	700.0	0.0	700.0	0.0	1,400.0	1,400.0	1,450.0	0.0
	500.0	2471.0	1335.0	1000.0	5283.0	1626.5	(738.00)	9,006.54	1,100.0	420.1	2,085.0	2,841.8	3,185.0	3,261.9	3,150.0	2,672
Allocated Total Use:	500	2,471.0	2,000.0	1,000.0	4,260.0	2,500.0	850.0	9,410.0	8,921.0	11,300.0	10,000.0	10,000.0	21,300.0	21,300.0	19,800.0	18,800.0
Actual Planned Use		0.0	0.0	500.0	0.0	0.0	-1,250.0	9,006.5					18,921.0			
Remaining Allotment:	0	0.0	665.0	0.0	-1,023.0	873.5	112.0	18,416.5	7,821.0	10,879.9	7,915.0	7,158.2	18,115.0	18,038.08	16,650.0	16,128.3
					5,283.0		0.0		-		-		-	-	-	-
Total:		0.0	0.0	2,500.0	0.0	0.0	-1,250.0									
UNUSED TO DATE	0.0	0.0	665.0	0.0	-1,023.0	0.0		-358.0	0.0		1,000.0		1,000.0		1,000.0	
Planned Available for Carryover	(358)															

PWD 12-Month Running Average Per Capita Water Use



**PALMDALE WATER DISTRICT
BOARD MEMORANDUM**

DATE: April 15, 2015 April 20, 2015
TO: WATER SUPPLY & RELIABILITY COMMITTEE Committee Meeting
FROM: Mr. Jon M. Pernula, Water and Energy Resources Director
VIA: Mr. Dennis D. LaMoreaux, General Manager
RE: ***AGENDA ITEM NO. 4.4 – CONSIDERATION AND POSSIBLE ACTION ON RESOLUTION NO. 15.9 DECLARING CONTINUED EMERGENCY WATER CONSERVATION RESTRICTIONS AND REAFFIRMING STATE WATER RESOURCES CONTROL BOARD (SWRCB) REGULATIONS ON THE DELIVERY AND CONSUMPTION OF WATER FOR THE PURPOSE OF ACHIEVING THE MANDATED 25% REDUCTION IN POTABLE WATER USE AS REQUIRED ON APRIL 1, 2015 BY EXECUTIVE ORDER B-29-15***

Recommendation:

Staff recommends the Board adopt Resolution No. 15-9 being a Resolution of the Board of Directors of the Palmdale Water District Declaring a Continued Water Shortage Emergency and Reaffirming Stage 1 of PWD's Urban Water Management Plan Calling for Mandatory Conservation in Compliance With the State Water Resources Control Board's Emergency Regulation as amended on April 1, 2015.

Background:

The 2015 water year is the third consecutive dry year and has delivered historically low snowpack. Water resources and reserves are dwindling throughout the state, and there is the real possibility that the drought cycle could continue into 2016 and beyond. In response to the drought, the District urged our customers to cooperate in water use efficiency efforts, declared emergency conservation restrictions, and adopted State Water Resources Control Board Regulations on delivery and consumption of water for public use in order to help lower overall water demand. Through publicity notices and staff outreach, the District was hoping to offset shortages through reduced water use. The District recognizes the past efforts of our customers in exceeding the state required 20% reduction by year 2020 but have yet to realize sufficient additional reductions in water use this year.

In an effort to ensure adequate water supply for its customers, the District has purchased water through dry year purchase programs and must continue seeking additional sources of raw water supply to make up the shortfall in supply caused by the drought. The water shortage has increased the cost of raw water purchases. As the cost of water purchased during drought conditions continues to escalate, conserving water becomes an important part of reducing the financial burden the drought imposes on the District.

April 15, 2015

With continuing concerns over the extreme drought conditions throughout California, the Governor has issued an executive order mandating a 25% reduction in water use when compared to 2013 usage. This order also reaffirms prior drought restrictions while mandating further restrictions and programs for the purpose of achieving statewide reduction in water use. In order to comply with the governor's order and with the State Board's amended regulations, District staff is recommending adoption of Resolution No. 15-9 and continuance of Stage 1 mandatory conservation per our 2010 Urban Water Management Plan's Water Shortage Contingency Provision. This Resolution declares a water shortage emergency, extends mandatory water conservation restrictions, and complies with the State Water Resources Control Board's current regulations on the delivery and consumption of water for public use. The Resolution also conforms to our phase 1 Water Shortage Contingency Plan under our current Urban Water Management Plan (UWMP).

Strategic Plan Initiative:

This work is part of Strategic Initiative No. 1 – Strategic Water Management.

Budget:

Adoption of Resolution No. 15-9 will have no impact on the budget.

Supporting Documents:

- Resolution No. 15-9
- Executive Order B-29-15

**PALMDALE WATER DISTRICT
RESOLUTION NO. 15-9**

**RESOLUTION OF THE BOARD OF DIRECTORS
OF PALMDALE WATER DISTRICT
DECLARING CONTINUED EMERGENCY WATER CONSERVATION RESTRICTIONS
AND REAFFIRMING STATE WATER RESOURCES CONTROL BOARD
REGULATIONS FOR THE PURPOSE OF ACHIEVING THE MANDATED 25%
REDUCTION IN POTABLE WATER USE**

WHEREAS, Palmdale Water District (“District”) is a water district empowered to provide water service within District boundaries; and

WHEREAS, due to inadequate snowfall and rainfall, opposition to the development and construction of water supply facilities, and legal restrictions on the flow of State Water Project water to Southern California, California in general, and the Antelope Valley, in particular, is experiencing shortages in water supplies; and

WHEREAS, the State Water Project allocation for 2015 has been established at a critically low 20% and deliveries have, therefore, been drastically curtailed in response to the inadequacy of water supplies; and

WHEREAS, groundwater supplies which provide a supplemental source of water to the District, are limited in nature, being subjected to increased demands, and now subject to legal rulings arising from a groundwater basin adjudication action that further limit the District groundwater supplies; and

WHEREAS, conservation of water by all District consumers that have not already conserved will help relieve the problems caused by the shortage in water supplies; and

WHEREAS, the District has attempted, through its public information program, to advise and alert the consumers to the serious nature of the water supply situation. Customers have made significant progress in water use efficiency from pre-2009 by exceeding the State required 20% reduction by the year 2020 under SBX 7-7, but the District has not experienced any significant reduction in consumer demand compared to 2013; and

WHEREAS, on January 17, 2014, Governor Edmund G. Brown Jr. issued a Proclamation January 17, 2014 declaring a State of Emergency to exist in California due to severe drought conditions; and

WHEREAS, on April 25, 2014, Governor Edmund G. Brown Jr. further issued an Executive Order to strengthen the state’s ability to manage water and habitat effectively in drought conditions and called on all Californians to redouble their efforts to conserve water; and

WHEREAS, on April 1, 2015, Governor Edmund G. Brown Jr. further issued an Executive Order to re-affirm the orders and provisions contained in the January 17, 2014 Proclamation, the April

25 Proclamation, and Executive Orders B-26-14 and B-28-14 and mandated further restrictions and programs for the purpose of achieving a statewide reduction in potable water use through February 28, 2016; and

WHEREAS, the District adopted Resolution No. 14-9 on May 14, 2014 urging heightened water conservation by customers in response to drought and the April 25, 2014 Governor's Proclamation; and

WHEREAS, Water Code Section 1058.5 grants the State Water Resources Control Board the authority to adopt emergency regulations in certain drought years in order to: "prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation;" and

WHEREAS, on July 15, 2014, the State Water Resources Control Board adopted emergency water conservation regulations prohibiting all individuals from engaging in certain water use practices and would require mandatory conservation-related actions of public water suppliers during the current drought emergency; and

WHEREAS, following the making of findings as required by law, the District has the power and authority to adopt mandatory water conservation measures within its boundaries pursuant to Part 5 of the Irrigation District Law, codified at Division 11 of the California Water Code; and

WHEREAS, the District is required to comply with State law, including regulations adopted by the State Water Resources Control Board (SWRCB), codified at Title 23 of the California Code of Regulations and is authorized pursuant thereto to implement its requirements; and

WHEREAS the District now desires to comply with the SWRCB emergency water conservation regulations and to implement the Stage 1 Water Shortage Emergency Plan contained in the District's 2010 Urban Water Management Plan, including mandatory water rationing which measures shall be implemented.

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Palmdale Water District as follows:

Section 1: Findings: The Board of Directors of the District hereby finds and declares as follows:

1) On July 15, 2014, the State Water Resources Control Board issued mandatory Emergency Water Conservation Regulations prohibiting all individuals from engaging in certain water use practices and requiring the District to implement its mandatory water conservation measures.

2) The State Water Project water available to the District is a critically low (20%) allocation.

3) Continued production of water from the groundwater basin without proportionate recharge of the basin through stream runoff, rainfall, and snow melt could result in irreparable damage

to the storage capacity of the basin aquifers and impair the long-term water delivery capability of the District.

4) Voluntary water conservation measures have not resulted in the recommended 25% reduction in consumption.

5) At present, without supplemental supplies, the anticipated water available to the District is insufficient to meet anticipated demands.

6) Should existing drought conditions continue, or should the District lose its water production capacity, there may be insufficient water available for human consumption, sanitation and fire protection.

Section 2: Declaration of Stage 1 Water Shortage Emergency: The Board of Directors of the District, in accordance with the foregoing findings, hereby determines and declares the existence of an emergency condition of water shortage within its service area and further determines and declares that the regulations and restrictions on delivery of water and consumption of water within its service area as hereinafter set forth are necessary, in the sound discretion of the Board of Directors of the District, to conserve the water supply for the greatest public benefit with particular regard to domestic use, sanitation, and fire protection.

Section 3: Authorization to Implement Restrictions on Water Consumption: The Board of Directors of the District hereby authorizes the General Manager of the District to take specific steps to meet water conservation goals, regulations, and restrictions on water consumption as hereinafter set forth.

Section 4: Conservation Goal and Authorized Actions. The conservation goal of the District and the State Water Board is a reduction in water use of twenty-five percent (25%) when compared against usage in 2013, which goal is mandatory through February 28, 2016. The General Manager is authorized to implement Action 1 Paragraphs 1 through 10 of this Resolution to meet said conservation goal.

Action 1. Mandatory Water Conservation Regulations. The General Manager shall take all steps necessary to advise the District's customers of the following mandatory regulations and to enforce them in accordance the District's existing Waste of Water Policy:

1. There shall be no hose washing of sidewalks, walkways, buildings, walls, patios, driveways, parking areas or other paved surfaces, or walls, except to eliminate conditions dangerous to public health or safety or when required as surface preparation for the application of architectural coating or painting.
2. Washing of motor vehicles, trailers, boats and other types of equipment shall be done only with a hand-held nozzle for quick rinses, except that

washing may be done with reclaimed wastewater or by a commercial car wash using recycled water.

3. No water shall be used to clean, fill or maintain levels in decorative fountains, ponds, lakes or other similar aesthetic structures unless such water is part of a closed recycling system.
4. No restaurant, hotel, cafe, cafeteria or other public place where food is sold, served or offered for sale, shall serve drinking water to any customer unless expressly requested and shall display a notice to that effect.
5. All water users shall promptly repair all leaks from indoor and outdoor plumbing fixtures.
6. No lawn, landscape, or other turf area shall be watered more often than three (3) days per week and no more often than every other day nor during the hours between 10:00 a.m. and 4:00 p.m. Water days will be set as follows: addresses ending in an even number starting on Monday and addresses ending in an odd number starting on Tuesday.

Exemptions:

- a. No watering **hour restrictions** during the months of November, December, January, February, and March. Watering can occur between the hours of 6:00 a.m. and 6:00 p.m.
 - b. The District will allow an exemption from the watering schedule if an ET based controller is installed and operating. *The ET Controller Exemption Form* must be completed and the installation verified by a licensed landscape architect or PWD staff.
7. No water users shall cause or allow the water to run off landscape areas into adjoining streets, sidewalks, or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering. If cited, random acts of vandalism will be considered in any appeal.
 8. No water shall be applied to outdoor landscapes during and within 48 hours of measurable rainfall.
 9. The owner and manager of every hotel, motel, inn, guest house, bed and breakfast facility, and short-term commercial lodging shall post a notice of such shortage and any necessary compliance measures.
 10. Commercial nurseries, golf courses, parks, school yards, and other public open space, and landscaped areas shall be prohibited from watering lawn, landscaping, and other turf areas more often than five

days per week and between the hours of 6:00 a.m. and 6:00 p.m. except that there shall be no restriction on watering utilizing reclaimed water or where public use requires a modified and approved watering schedule.

Exemptions:

- a. Athletic field watering can occur between the hours of 6:00 p.m. and 10:00 a.m. the following morning.
 - b. No watering hour restrictions during the months of November, December, January, February, and March. Watering can occur between the hours of 6:00 a.m. and 6:00 p.m.
 - c. The District will allow an exemption from the watering schedule if an ET based controller is installed and operating. *The ET Controller Exemption Form* must be completed and the installation verified by a licensed landscape architect or PWD staff.
 - d. Watering schedules must be adhered to at all times. The District requires advance written notice of any maintenance activities requiring water use between the hours of 6:00 a.m. and 6:00 p.m.
11. The use of water from fire hydrants shall be limited to fire fighting and related activities and other uses of water for municipal purposes shall be limited to activities necessary to maintain the public health, safety, and welfare. Ongoing water system improvement projects are also exempt under this section and may continue to use construction meters in accordance with standard District policy.

Action 2: Mandatory Water Rationing: Upon specific authorization by the Board of Directors, the General Manager shall implement a phased water rationing to protect the water supply of the District and to guarantee adequate supply for domestic use, sanitation, and fire protection as follows:

1. Stage 1: Water Rationing: A twenty percent (20%) reduction in water deliveries to all District customers.
2. Stage 2: Water Rationing: A thirty percent (30%) reduction in water deliveries to all District customers.
3. Stage 3: Water Rationing: A forty percent (40%) reduction in water deliveries to all District customers.

Section 5: Duration of Water Emergency: The regulations, restrictions, and actions set forth herein shall take full force and effect immediately upon authorization by the Board of Directors and shall remain in full force and effect through February 28, 2016 or until otherwise directed by the SWRCB.

Section 6: Appeal: Decisions made by the District under the regulations set forth in this Resolution may be appealed by consumers in accordance with the procedure set forth in the District Rules and Regulations.

Section 7: Violation: A violation of the regulations and restrictions set forth herein will result in progressive warnings, fines, or result in the discontinuance of service to consumers willfully violating the conservation measures set forth herein or such other penalty or restriction as may be allowed by law.

Section 8: Severability: If any portion of this Resolution is found to be unconstitutional or invalid, the District hereby declares that it would have enacted the remainder of this Resolution regardless of the absence of any such valid part.

Section 9: Effective Date: This Resolution shall take effect immediately.

BE IT FURTHER RESOLVED, that the Board of Directors finds that the provisions of this Resolution are exempt from the provisions of the California Environmental Quality Act as an action to mitigate emergency conditions and as a rate setting measure pursuant to Public Resources Code §21080(b)(4) and (8).

PASSED AND ADOPTED at a regular meeting of the Board of Directors of Palmdale Water District held on April 22, 2015.

President, Board of Directors
Palmdale Water District

Secretary, Board of Directors
Palmdale Water District

APPROVED AS TO FORM:

Aleshire & Wynder, LLP
District Legal Counsel

Executive Department
State of California

EXECUTIVE ORDER B-29-15

WHEREAS on January 17, 2014, I proclaimed a State of Emergency to exist throughout the State of California due to severe drought conditions; and

WHEREAS on April 25, 2014, I proclaimed a Continued State of Emergency to exist throughout the State of California due to the ongoing drought; and

WHEREAS California's water supplies continue to be severely depleted despite a limited amount of rain and snowfall this winter, with record low snowpack in the Sierra Nevada mountains, decreased water levels in most of California's reservoirs, reduced flows in the state's rivers and shrinking supplies in underground water basins; and

WHEREAS the severe drought conditions continue to present urgent challenges including: drinking water shortages in communities across the state, diminished water for agricultural production, degraded habitat for many fish and wildlife species, increased wildfire risk, and the threat of saltwater contamination to fresh water supplies in the Sacramento-San Joaquin Bay Delta; and

WHEREAS a distinct possibility exists that the current drought will stretch into a fifth straight year in 2016 and beyond; and

WHEREAS new expedited actions are needed to reduce the harmful impacts from water shortages and other impacts of the drought; and

WHEREAS the magnitude of the severe drought conditions continues to present threats beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to combat; and

WHEREAS under the provisions of section 8558(b) of the Government Code, I find that conditions of extreme peril to the safety of persons and property continue to exist in California due to water shortage and drought conditions with which local authority is unable to cope; and

WHEREAS under the provisions of section 8571 of the California Government Code, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay the mitigation of the effects of the drought.

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular Government Code sections 8567 and 8571 of the California Government Code, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

1. The orders and provisions contained in my January 17, 2014 Proclamation, my April 25, 2014 Proclamation, and Executive Orders B-26-14 and B-28-14 remain in full force and effect except as modified herein.

SAVE WATER

2. The State Water Resources Control Board (Water Board) shall impose restrictions to achieve a statewide 25% reduction in potable urban water usage through February 28, 2016. These restrictions will require water suppliers to California's cities and towns to reduce usage as compared to the amount used in 2013. These restrictions should consider the relative per capita water usage of each water suppliers' service area, and require that those areas with high per capita use achieve proportionally greater reductions than those with low use. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.
3. The Department of Water Resources (the Department) shall lead a statewide initiative, in partnership with local agencies, to collectively replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes. The Department shall provide funding to allow for lawn replacement programs in underserved communities, which will complement local programs already underway across the state.
4. The California Energy Commission, jointly with the Department and the Water Board, shall implement a time-limited statewide appliance rebate program to provide monetary incentives for the replacement of inefficient household devices.
5. The Water Board shall impose restrictions to require that commercial, industrial, and institutional properties, such as campuses, golf courses, and cemeteries, immediately implement water efficiency measures to reduce potable water usage in an amount consistent with the reduction targets mandated by Directive 2 of this Executive Order.
6. The Water Board shall prohibit irrigation with potable water of ornamental turf on public street medians.
7. The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or microspray systems.

8. The Water Board shall direct urban water suppliers to develop rate structures and other pricing mechanisms, including but not limited to surcharges, fees, and penalties, to maximize water conservation consistent with statewide water restrictions. The Water Board is directed to adopt emergency regulations, as it deems necessary, pursuant to Water Code section 1058.5 to implement this directive. The Water Board is further directed to work with state agencies and water suppliers to identify mechanisms that would encourage and facilitate the adoption of rate structures and other pricing mechanisms that promote water conservation. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.

INCREASE ENFORCEMENT AGAINST WATER WASTE

9. The Water Board shall require urban water suppliers to provide monthly information on water usage, conservation, and enforcement on a permanent basis.
10. The Water Board shall require frequent reporting of water diversion and use by water right holders, conduct inspections to determine whether illegal diversions or wasteful and unreasonable use of water are occurring, and bring enforcement actions against illegal diverters and those engaging in the wasteful and unreasonable use of water. Pursuant to Government Code sections 8570 and 8627, the Water Board is granted authority to inspect property or diversion facilities to ascertain compliance with water rights laws and regulations where there is cause to believe such laws and regulations have been violated. When access is not granted by a property owner, the Water Board may obtain an inspection warrant pursuant to the procedures set forth in Title 13 (commencing with section 1822.50) of Part 3 of the Code of Civil Procedure for the purposes of conducting an inspection pursuant to this directive.
11. The Department shall update the State Model Water Efficient Landscape Ordinance through expedited regulation. This updated Ordinance shall increase water efficiency standards for new and existing landscapes through more efficient irrigation systems, greywater usage, onsite storm water capture, and by limiting the portion of landscapes that can be covered in turf. It will also require reporting on the implementation and enforcement of local ordinances, with required reports due by December 31, 2015. The Department shall provide information on local compliance to the Water Board, which shall consider adopting regulations or taking appropriate enforcement actions to promote compliance. The Department shall provide technical assistance and give priority in grant funding to public agencies for actions necessary to comply with local ordinances.
12. Agricultural water suppliers that supply water to more than 25,000 acres shall include in their required 2015 Agricultural Water Management Plans a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought. The Department shall require those plans to include quantification of water supplies and demands for 2013, 2014, and 2015 to the extent data is available. The Department will provide technical assistance to water suppliers in preparing the plans.

13. Agricultural water suppliers that supply water to 10,000 to 25,000 acres of irrigated lands shall develop Agricultural Water Management Plans and submit the plans to the Department by July 1, 2016. These plans shall include a detailed drought management plan and quantification of water supplies and demands in 2013, 2014, and 2015, to the extent that data is available. The Department shall give priority in grant funding to agricultural water suppliers that supply water to 10,000 to 25,000 acres of land for development and implementation of Agricultural Water Management Plans.
14. The Department shall report to Water Board on the status of the Agricultural Water Management Plan submittals within one month of receipt of those reports.
15. Local water agencies in high and medium priority groundwater basins shall immediately implement all requirements of the California Statewide Groundwater Elevation Monitoring Program pursuant to Water Code section 10933. The Department shall refer noncompliant local water agencies within high and medium priority groundwater basins to the Water Board by December 31, 2015, which shall consider adopting regulations or taking appropriate enforcement to promote compliance.
16. The California Energy Commission shall adopt emergency regulations establishing standards that improve the efficiency of water appliances, including toilets, urinals, and faucets available for sale and installation in new and existing buildings.

INVEST IN NEW TECHNOLOGIES

17. The California Energy Commission, jointly with the Department and the Water Board, shall implement a Water Energy Technology (WET) program to deploy innovative water management technologies for businesses, residents, industries, and agriculture. This program will achieve water and energy savings and greenhouse gas reductions by accelerating use of cutting-edge technologies such as renewable energy-powered desalination, integrated on-site reuse systems, water-use monitoring software, irrigation system timing and precision technology, and on-farm precision technology.

STREAMLINE GOVERNMENT RESPONSE

18. The Office of Emergency Services and the Department of Housing and Community Development shall work jointly with counties to provide temporary assistance for persons moving from housing units due to a lack of potable water who are served by a private well or water utility with less than 15 connections, and where all reasonable attempts to find a potable water source have been exhausted.
19. State permitting agencies shall prioritize review and approval of water infrastructure projects and programs that increase local water supplies, including water recycling facilities, reservoir improvement projects, surface water treatment plants, desalination plants, stormwater capture, and greywater systems. Agencies shall report to the Governor's Office on applications that have been pending for longer than 90 days.

20. The Department shall take actions required to plan and, if necessary, implement Emergency Drought Salinity Barriers in coordination and consultation with the Water Board and the Department of Fish and Wildlife at locations within the Sacramento - San Joaquin delta estuary. These barriers will be designed to conserve water for use later in the year to meet state and federal Endangered Species Act requirements, preserve to the extent possible water quality in the Delta, and retain water supply for essential human health and safety uses in 2015 and in the future.
21. The Water Board and the Department of Fish and Wildlife shall immediately consider any necessary regulatory approvals for the purpose of installation of the Emergency Drought Salinity Barriers.
22. The Department shall immediately consider voluntary crop idling water transfer and water exchange proposals of one year or less in duration that are initiated by local public agencies and approved in 2015 by the Department subject to the criteria set forth in Water Code section 1810.
23. The Water Board will prioritize new and amended safe drinking water permits that enhance water supply and reliability for community water systems facing water shortages or that expand service connections to include existing residences facing water shortages. As the Department of Public Health's drinking water program was transferred to the Water Board, any reference to the Department of Public Health in any prior Proclamation or Executive Order listed in Paragraph 1 is deemed to refer to the Water Board.
24. The California Department of Forestry and Fire Protection shall launch a public information campaign to educate the public on actions they can take to help to prevent wildfires including the proper treatment of dead and dying trees. Pursuant to Government Code section 8645, \$1.2 million from the State Responsibility Area Fire Prevention Fund (Fund 3063) shall be allocated to the California Department of Forestry and Fire Protection to carry out this directive.
25. The Energy Commission shall expedite the processing of all applications or petitions for amendments to power plant certifications issued by the Energy Commission for the purpose of securing alternate water supply necessary for continued power plant operation. Title 20, section 1769 of the California Code of Regulations is hereby waived for any such petition, and the Energy Commission is authorized to create and implement an alternative process to consider such petitions. This process may delegate amendment approval authority, as appropriate, to the Energy Commission Executive Director. The Energy Commission shall give timely notice to all relevant local, regional, and state agencies of any petition subject to this directive, and shall post on its website any such petition.

26. For purposes of carrying out directives 2–9, 11, 16–17, 20–23, and 25, Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are hereby suspended. This suspension applies to any actions taken by state agencies, and for actions taken by local agencies where the state agency with primary responsibility for implementing the directive concurs that local action is required, as well as for any necessary permits or approvals required to complete these actions. This suspension, and those specified in paragraph 9 of the January 17, 2014 Proclamation, paragraph 19 of the April 25, 2014 proclamation, and paragraph 4 of Executive Order B-26-14, shall remain in effect until May 31, 2016. Drought relief actions taken pursuant to these paragraphs that are started prior to May 31, 2016, but not completed, shall not be subject to Division 13 (commencing with section 21000) of the Public Resources Code for the time required to complete them.
27. For purposes of carrying out directives 20 and 21, section 13247 and Chapter 3 of Part 3 (commencing with section 85225) of the Water Code are suspended.
28. For actions called for in this proclamation in directive 20, the Department shall exercise any authority vested in the Central Valley Flood Protection Board, as codified in Water Code section 8521, et seq., that is necessary to enable these urgent actions to be taken more quickly than otherwise possible. The Director of the Department of Water Resources is specifically authorized, on behalf of the State of California, to request that the Secretary of the Army, on the recommendation of the Chief of Engineers of the Army Corps of Engineers, grant any permission required pursuant to section 14 of the Rivers and Harbors Act of 1899 and codified in section 48 of title 33 of the United States Code.
29. The Department is directed to enter into agreements with landowners for the purposes of planning and installation of the Emergency Drought Barriers in 2015 to the extent necessary to accommodate access to barrier locations, land-side and water-side construction, and materials staging in proximity to barrier locations. Where the Department is unable to reach an agreement with landowners, the Department may exercise the full authority of Government Code section 8572.
30. For purposes of this Executive Order, chapter 3.5 (commencing with section 11340) of part 1 of division 3 of the Government Code and chapter 5 (commencing with section 25400) of division 15 of the Public Resources Code are suspended for the development and adoption of regulations or guidelines needed to carry out the provisions in this Order. Any entity issuing regulations or guidelines pursuant to this directive shall conduct a public meeting on the regulations and guidelines prior to adopting them.

31. In order to ensure that equipment and services necessary for drought response can be procured quickly, the provisions of the Government Code and the Public Contract Code applicable to state contracts, including, but not limited to, advertising and competitive bidding requirements, are hereby suspended for directives 17, 20, and 24. Approval by the Department of Finance is required prior to the execution of any contract entered into pursuant to these directives.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given to this Order.

IN WITNESS WHEREOF I have
hereunto set my hand and caused the
Great Seal of the State of California to
be affixed this 1st day of April 2015.

EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State