COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE: WW-1

August 25, 2008

Mr. David D. Todd
Land and Water Use Program Manager
Office of Water Use Efficiency
California Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

Dear Mr. Todd:

LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 40, ANTELOPE VALLEY AMENDMENT TO 2005 INTEGRATED URBAN WATER MANAGEMENT PLAN

The Los Angeles County Waterworks District No. 40, Antelope Valley, has revised its 2005 Integrated Urban Water Management Plan (UWMP) following review of the UWMP by the California Department of Water Resources. Enclosed are the addenda and amendments that have been made to the UWMP based on the Department of Water Resources' review.

If you have any questions, please contact Mr. Aric Rodriguez at (626) 300-4688.

Very truly yours,

DEAN D. EFSTATHIOU
Acting Director of Public Works

ADAM ARIKI
Assistant Deputy Director
Waterworks Division

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DLB314

Enc.

2008 Addendum District 40

In January 2008, the Department of Water Resources (DWR) finished reviewing the *2005 Integrated Urban Water Management Plan for the Antelope Valley* (IUWMP). Based on their review, the following addenda and amendments have been made to the IUWMP to meet DWR's requirements in order to deem it complete for Los Angeles County Waterworks District No. 40, Antelope Valley (District).

A Current and Planned Water Supplies

DWR determined the IUWMP did not meet the requirements of the Water Code § 10631 (b). This section states:

> (b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a).

Table 2-9 of the IUWMP is amended to include recycled water and aquifer storage recovery (ASR) as planned water supply sources. Table 2-9 corresponds with Table 4 of DWR's "Review for Completeness" form. Tables 2-7, 2-8 and 2-10 are similarly amended to reflect the use of recycled water and ASR as planned supply sources.

TABLE 2-9
CURRENT AND PLANNED WATER SUPPLIES WITH EXISTING GROUNDWATER PUMPING (AFY)

Water Supply Sources	2005	2010	2015	2020	2025	2030 - opt
District # 40						
Groundwater	21,400	20,000	20,000	20,000	20,000	20,000
ASR	0	31,600	31,600	31,600	31,600	31,600
SWP*	36,231	69,800	70,400	70,000	68,600	64,500
Recycled water (planned supply)	0	2,700	5,400	8,200	10,900	13,600
Total	57,631	124,100	127,400	129,800	131,100	129,700

* SWP delivery is 71 to 77 percent of Table A amount available to study area. Distribution among water purveyors determined by percent population.

B Supply Reliability

DWR determined the IUWMP did not meet the requirements of the Water Code § 10631 (c) (1-3). This section states:

(c) (1) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:

(A) An average water year.
(B) A single dry water year.
(C) Multiple dry water years.

The following text and tables (corresponding to tables 8 and 9 of DWR's "Review for Completeness" form) are added to section 3.4 of the IUWMP as follows:

The base values for the single-dry and multi-dry year analyses were determined by Monte Carlo Simulation using the values from Study 4 of the *2005 State Water Project Delivery Reliability Report (2005 DRR).* The Monte Carlo Simulation is outlined in detail in section 3.3.1 of the IUWMP. The Monte Carlo Simulation determined the probable delivery of SWP water to the District during a single-dry water year is 7% of AVEK's Table A amount less AVEK's other demands. The Monte Carlo Simulation determined the probable SWP delivery during multi-dry water years is 18% of Table A amount less AVEK's other demands. While the base years determined by this simulation do not correspond directly with historic delivery data, they do represent the most probable future deliveries as a result of the given climatic and operational conditions according to the Monte Carlo Simulation. Since the availabilities of groundwater, ASR, and recycled water are not influenced by climatic conditions, there are no differences between normal-year and dry-year supplies.

TABLE 3-11
SUPPLY RELIABILITY – AFY

			Multiple Dry Water Years			
	Average/Normal Water Year	Single Dry Water Year	Year 1	Year 2	Year 3	Year 4
AVEK	69,800	6,900	17,800	17,800	17,800	17,800
Groundwater	20,000	20,000	20,000	20,000	20,000	20,000
ASR	0	31,600	31,600	31,600	31600	31,600
Total	89,800	58,500	69,400	69,400	69,400	69,400
Percent of normal	100%	65%	77%	77%	77%	77%

TABLE 3-12
BASIS OF WATER YEAR DATA

Water Year Type	Basis of Data	Similar Historic Year
Average Water Year	See footnote	1973
Single-Dry Water Year	Monte Carlo Analysis	1977
Multiple-Dry Water Years	Monte Carlo Analysis	1990-1992

Average water year based on 75% of AVEK's Table A allotment less AVEK's other demands.. Base years for the Single-Dry and Multiple-Dry Water Year Analysis were determined by Monte Carlo Analysis as described in Section 3.3.1 of the District's *2005 Integrated UWMP for the Antelope Valley*.

C Water Use Provisions

DWR determined the IUWMP did not meet the requirements of the Water Code § 10631 (e) (1)(2). This section states:

(e) (1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors, including, but not necessarily limited to, all of the following uses:

(A) Single-family residential.
(B) Multifamily.
(C) Commercial.
(D) Industrial.
(E) Institutional and governmental.
(F) Landscape.
(G) Sales to other agencies.
(H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.
(I) Agricultural.
(2) The water use projections shall be in the same five-year increments described in subdivision (a).

Table 4-7 of the IUWMP (corresponding to Tables 12, 13 and 14 of the DWR "Review for Completeness" form) is amended to include rows entitled "Sales to QHWD" and "Unaccounted-for System Losses."

TABLE 4-7
DISTRICT NO. 40 SERVICE CONNECTION BASED PROJECTION DEMAND (AF)

Water Use Sectors	2000	2005	2010	2015	2020	2025	2030-opt
Single Family	34,083	37,328	44,800	50,800	56,800	62,800	68,800
Multi-Family	4,604	4,395	5,400	6,200	6,800	7,600	8,300
Commercial	3,413	3,965	4,600	5,200	5,800	6,500	7,100
Industrial/Manufacturing	112	135	100	200	200	200	200
Private Fire Protection	32	26	0	100	100	100	100
Landscape Irrigation[a]	2,433	2,839	3,300	3,800	4,200	4,700	5,100
Institutional[a]	3,362	3,581	4,300	4,900	5,500	6,100	6,700
Outside District	1	0	0	0	0	0	0
Temp Construction Meters	563	1,695	1,500	1,700	1,900	2,100	2,300
Domestic/Private	225	289	300	300	400	400	500
Sales to QHWD[b]	0	0	0	0	0	0	0
Unaccounted-for system losses	2,979	3,325	4,087	4,795	5,484	6,185	6,875
other	9	10	0	0	0	0	0
Total	52,024	57,588	68,387	77,995	87,184	96,685	105,975

(a) The use of recycled water in lieu of potable supply is included in the values listed for "Landscape Irrigation" and "Institutional" for the years 2010, 2015, 2020, 2025, and 2030.

(b) The District sold 201AF to Quartz Hill Water District through an emergency interconnection in the year 2001. This sale of water to QHWD was done on an emergency basis, and the District does not plan to sell water to QHWD nor any other agency in the foreseeable future.

D Planned Water Supply Projects and Programs

DWR determined the IUWMP did not meet the requirements of the Water Code § 10631 (h). This section states:

(h) Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs, other than the demand management programs identified pursuant to paragraph (1) of subdivision (f), that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in average, single-dry, and multiple-dry water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.

The following text is added to Section 6 of the IUWMP as follows:

The District has no future water supply projects or programs planned at this time, although the District is in the process of identifying supply projects to meet future demand such as water banking and groundwater recharge using recycled water. The District is also in the planning stages of constructing a recycled water backbone system to supply the region with recycled water for irrigation and other purposes to increase available potable supply as discussed in Section 6.6.1.4 of the District's UWMP.

E If Supplier Receives Water from a Wholesale Supplier

DWR determined the IUWMP did not meet the requirements of the Water Code § 10631 (k). This section states:

(k) Urban water suppliers that rely upon a wholesale agency for a source of water shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies and quantifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (c). An urban water supplier may rely upon water supply information provided by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (c).

Table 2-5 on page 16 of the UWMP (corresponding to Table 20 of DWR's "Review for Completeness" form) is amended to show the values of existing and planned sources of water available to the District provided by AVEK, the District's wholesale water provider.

TABLE 2-5
WHOLESALER IDENTIFIED AND QUANTIFIED EXISTING AND PLANNED SOURCES OF WATER AVAILABLE TO THE STUDY AREA FOR AVERAGE/NORMAL WATER YEARS (AFY)

Wholesaler sources	2010	2015	2020	2025	2030 - opt
AVEK[(a)]	72,227	74,261	76,296	78,330	

(a) Values obtained from Table 4.1 of Antelope Valley/ East Kern Water Agency's *Draft Integrated Urban Water Management Plan 2005.*

F Prohibitions

DWR determined the IUWMP did not meet the requirements of the Water Code § 10632 (c). This section states:

(d) Additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.

The following text and table (corresponding to table 26 of DWR's "Review for Completeness" form) are added to Section 7.7.1 of the District's UWMP as follows:

The prohibitions that state "always required" are required at all times by Los Angeles County Code, § 11.38.620-670, attached as Appendix A. The other prohibitions triggered by a water shortage are outlined in The Rules and Regulations of the Los Angeles County Waterworks Districts as part of the District's Phased Water Conservation Plan (PWCP) attached as Appendix B.

TABLE 7-8
MANDATORY PROHIBITIONS

Prohibition	Stage When Prohibition Becomes Mandatory
Repair all leaks	always required
No runoff from lawns	always required
Restaurants serve water to customers upon request only	always required
Landscape watering between 10 a.m. and 5 p.m.	always required
No construction meters will be issued	3
No new permanent meters will be installed	7

G Consumption Reduction Methods

DWR determined the Integrated UWMP did not meet the requirements of the Water Code § 10632 (f). This section states:

(e) Consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.

Table 7-4 of the IUWMP (corresponding to Table 27 of DWR's "Review for Completeness" form) is amended to include the following projected percent reductions for each consumption reduction method identified.

TABLE 7-4
CONSUMPTION REDUCTION METHODS

Consumption Reduction Methods	Stage When Method Takes Effect	Projected Reduction (%)
Voluntary Rationing	1	2.5%
Demand reduction program	All	2.5%
Restrict building permits	3	5%-10%
Use prohibitions	All	5%-10%
Water shortage pricing	All	2.5%
Mandatory rationing	2	5%-10%
Percentage reduction by customer type	All	2.5%

H Wastewater System Description

DWR determined the Integrated UWMP did not meet the requirements of the Water Code § 10633 (a). This section states:

10633. The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:

(a) A description of the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.

(b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.

(c) A description of the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.

(d) A description and quantification of the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.

(e) The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected pursuant to this subdivision.

H.1 Description of Wastewater Collection and Treatment Systems

Section 6.6.1 of the IUWMP is hereby amended to include the following description of the wastewater collection and treatment systems in the District's service area.

The wastewater collection system in the Antelope Valley consists of a network of local sewer lines and trunk sewers. The Cities of Palmdale and Lancaster own the sewers located within their city boundaries, and sewers located in unincorporated areas are owned by County of Los Angeles and maintained by the Los Angeles County Public Works Sewer Maintenance Division. Approximately 40 miles of trunk sewers transport wastewater to the Palmdale Water Reclamation Plant (PWRP) and approximately 64 miles of trunk sewer transport wastewater to the Lancaster Water Reclamation Plant (LWRP). PWRP, LWRP and the trunk sewers that feed each plant are owned and maintained by Los Angeles County Sanitation Districts Nos. 20 and 14, respectively, and both treatment facilities are located outside of the Waterworks District No. 40 service area.

Both LWRP and PWRP currently treat wastewater to secondary standards through the use of large oxidation ponds. The Antelope Valley Tertiary Treatment Plant adjacent to LWRP treats a small sidestream to tertiary standards for use at Apollo Lakes Regional Park. Both treatment plants are scheduled for upgrades in treatment processes and capacity starting in Fall 2008. According to the *Palmdale Water Reclamation Plant 2025 Facilities Plan & EIR* and the *Lancaster Water Reclamation Plant 2020 Facilities Plan*, the oxidation ponds will be decommissioned and replaced with Conventional Activated Sludge treatment. Tertiary filters and chlorine contact tanks for disinfection will also be added. LWRP is scheduled to increase capacity from 16 mgd to meet projected flows of 18 mgd by 2010 and PWRP is scheduled to upgrade its facilities to provide 12 mgd of tertiary recycled water by 2011. Depending on growth in the Antelope Valley, both plants will be expanded again at a later time.

H.2 Wastewater Disposal and Recycled Water Uses

The IUWMP for the Antelope Valley is hereby amended to include Tables 6-4, 6-5, and 6-6 (corresponding to Tables 33, 34, and 35, respectively, of DWR's "Review for Completeness" form). The IUWMP is also amended to include the following discussion of wastewater disposal and recycled water uses within the study area.

Since the Antelope Valley is a closed basin with no outlet to the ocean, disposal of treated wastewater within the study area is currently accomplished through evaporation and transpiration. Evaporative losses occur from the oxidation ponds at both the PWRP and LWRP and from large storage reservoirs at the LWRP. Effluent from both of these plants is used to irrigate nearby farmland, some beyond agronomic rates. The balance of the effluent from LWRP is allowed to overflow onto dry lakes on Edwards Air Force Base (EAFB). The current practices of irrigation beyond agronomic rates must be phased out at the PWRP by June 2010 and overflow onto EAFB must be phased out at the LWRP by November 2010 to meet new Waste Discharge Requirements (WDRs) imposed by the Lahontan Regional Water Quality Control Board. Los Angeles County Sanitation Districts Nos. 14 and 20 must treat the wastewater to higher levels and find more effective means to manage the current and projected future wastewater flows in order to meet these new WDRs, and are acquiring additional agricultural land for irrigation at agronomic rates as part of their effluent management strategies according to the *Palmdale Water Reclamation Plant 2025 Facilities Plan & EIR* and the *Lancaster Water Reclamation Plant 2020 Facilities Plan.*

Los Angeles County Sanitation Districts currently uses recycled water to maintain wetland/wildlife habitat and recreational facilities within the region. Secondary treated water is used to maintain a wetland ecosystem at Piute Ponds year-round and a nearby impoundment during the winter months. This use of recycled water is expected to continue with tertiary treated water once the planned upgrade of LWRP is completed. Tertiary treated effluent is also currently used for recreation at Apollo Lakes Regional Park. There are no planned expansions or contractions of these beneficial uses of recycled water in the near future.

The values shown in the table below entitled "Recycled Water Uses – Actual and Potential" reflect the projected use of recycled water within the study area. The values for overall flow rates and for recycled water flow rates to landscaping and agriculture are subject to change based on actual growth and future demands for recycled water.

TABLE 6-4
WASTEWATER COLLECTION AND TREATMENT – AF YEAR

Type of Wastewater	2000	2005	2010	2015	2020	2025
Wastewater collected & treated in service area [(a)]	23,500	26,166	34,700	42,900	51,000	58,800
Volume that meets Title 22 disinfected or undisinfected secondary recycled water standard [(a)]	23,500	26,166	34,700	42,900	51,000	58,800
Volume that meets Title 22 tertiary recycled water standard [a]	172	219	19,900	42,900	51,000	58,800

TABLE 6-5
DISPOSAL OF WASTEWATER (NON-RECYCLED)

Method of disposal	Treatment Level	2005	2010	2015	2020	2025
Evaporation from Oxidation Ponds	secondary	2,096	1,035	0	0	0
Evaporation from Storage Reservoirs	secondary	816	935	0	0	0
Evaporation from Storage Reservoirs [(b)]	tertiary		2,700	4,435	6,287	6,287
Land application	secondary	1,727	0	0	0	0
Overflow to EAFB	secondary	7,620	0	0	0	0
	Total	12,259	4,670	4,435	6,287	6,287

TABLE 6-6
RECYCLED WATER USES – ACTUAL AND POTENTIAL (AF YEAR)

User type	Treatment Level	2005	2010	2015	2020	2025
Agriculture	secondary	11,555	12,830			
Agriculture [c]	tertiary		11,090	29,655	32,103	38,203
Wildlife Habitat/Wetlands (Piute Ponds/impoundments)	secondary	2,117				
Wildlife Habitat/Wetlands (Piute Ponds/impoundments)	tertiary		3,222	3,222	3,222	3,222
Groundwater Recharge						
Landscape [c]	tertiary	0	2,700	5,400	9,200	10,900
Recreation (Apollo Park)	tertiary	219	172	172	172	172
In-plant use/construction	Tertiary	16	16	16	16	16
	Total	13,907	30,030	38,465	44,713	52,513

(a) Values obtained from *Palmdale Water Reclamation Plant 2025 Facilities Plan & EIR* and the *Lancaster Water Reclamation Plant 2020 Facilities Plan*, and include 3.03 mgd from LWRP already committed to contract.

(b) Evaporation data for 2010 and 2015 is based upon designs for LWRP and PWRP expansions that will be completed by 2010 and 2011, respectively. Projections for 2020 and 2025 are based upon Phase VI of *Palmdale Water Reclamation Plant 2025 Facilities Plan & EIR* and Phase VI of *Lancaster Water Reclamation Plant 2020 Facilities Plan* and are subject to change depending on future wastewater flows, design and operation of future facilities.

(c) Values for Agriculture and Landscape uses are subject to change dependent upon demand for recycled water. The remaining recycled water will be used for agricultural purposes as part of the Effluent Management Strategies identified in *Palmdale Water Reclamation Plant 2025 Facilities Plan & EIR* and the *Lancaster Water Reclamation Plant 2020 Facilities Plan*.

I Wastewater Disposal and Recycled Water Uses

DWR determined the IUWMP did not meet the requirements of the Water Code § 10633 (e). This section states:

10633. The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:

> (e) The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected pursuant to this subdivision.

Section 6.6.1 of the IUWMP is hereby amended to include Table 6-7 (corresponding to Table 37 of DWR's "Review for Completeness" form), and the following discussion of the projected and actual uses of recycled water.

No recycled water was utilized within the District for landscaping or any other beneficial use in 2005, nor was there a projected use in the 2000 UWMP. There currently exists no infrastructure to deliver recycled water to customers within the District, although the planning process for a recycled water distribution system is currently underway to supplement existing water supplies.

TABLE 6-7
RECYCLED WATER USES – 2000 PROJECTION COMPARED WITH 2005 ACTUAL – AFY

User type	2000 Projection for 2005	2005 actual use
Agriculture		
Landscape	0	0
Wildlife Habitat		
Wetlands		
Industrial		
Groundwater Recharge		
Total	0	0

Appendix A

Los Angeles County Code, "No Waste Ordinance"

LOS ANGELES COUNTY CODE

Chapter 11.38 WATER AND SEWERS

Part 4 WATER CONSERVATION REQUIREMENTS FOR THE UNINCORPORATED LOS ANGELES COUNTY AREA

11.38.620 Hose watering prohibition.

No person shall hose water or wash down any sidewalks, walkways, driveways, parking areas or other paved surfaces, except as is required for the benefit of public health and safety. Wilful violation hereof shall be an infraction punishable by a fine of $100.00 for the first infraction and $500.00 each for subsequent infractions. (Ord. 91-0046U § 1 (part), 1991.)

11.38.630 Watering of lawns and landscaping.

A. No person shall water or cause to be watered any lawn or landscaping between the hours of ten a.m. and five p.m.
B. No person shall water or cause to be watered any lawn or landscaping more than once a day.
C. No person shall water or cause to be watered any lawn or landscaping to such an extent that runoff into adjoining streets, parking lots or alleys occurs due to incorrectly directed or maintained sprinklers or excessive watering.
D. It shall be the duty of all persons to inspect all hoses, faucets and sprinkling systems for leaks and to cause all leaks to be repaired as soon as is reasonably practicable.
E. Wilful violation hereof shall be an infraction punishable by a fine of $100.00 for the first infraction and $500.00 each for subsequent infractions. (Ord. 91-0046U § 1 (part), 1991.)

11.38.640 Indoor plumbing and fixtures.

A. It shall be the duty of all persons to inspect all accessible indoor plumbing and faucets for leaks and to cause all leaks to be repaired as soon as is reasonably practicable.
B. Wilful violation hereof shall be an infraction punishable by a fine of $500.00 (Ord. 91-0046U § 1 (part), 1991.)

11.38.650 Washing vehicles.

No motor vehicle, boat, trailer or other type of mobile equipment may be washed, except at a commercial carwash or with reclaimed water, unless such vehicle is washed by using a hand-held bucket or a water-hose equipped with an automatic shutoff nozzle. No person shall leave a water hose running while washing a vehicle or at any other time. Wilful violation hereof shall be an infraction punishable by a fine of $100.00 for the first infraction and $500.00 each for subsequent infractions. (Ord. 91-0046U § 1 (part), 1991.)

11.38.660 Public eating places.

No restaurant, hotel, cafeteria, cafe or other public place where food is sold or served shall serve drinking water to any customer unless specifically requested to do so by such customer. Wilful violation hereof shall be an infraction punishable by a fine of $100.00 for the first infraction and $500.00 each for subsequent infractions. (Ord. 91-0046U § 1 (part), 1991.)

11.38.670 Decorative fountains.

No person shall use water to clean, fill or maintain levels in decorative fountains, ponds, lakes, or other similar aesthetic structures unless such water flows through a recycling system. Wilful violation hereof shall be an infraction punishable by a fine of $100.00 for the first infraction and $500.00 each for subsequent infractions. (Ord. 91-0046U § 1 (part), 1991.)

Appendix B

Los Angeles County Waterworks District No. 40, Antelope Valley
Phased Water Conservation Plan (PWCP)

RULES AND REGULATIONS

OF THE

LOS ANGELES COUNTY

WATERWORKS DISTRICTS

AND THE

MARINA DEL REY WATER SYSTEM

Last revision adopted on
February 2005

Prepared by

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PART 5 - PHASED WATER CONSERVATION PLAN

SECTION A - STATEMENT OF POLICY AND DECLARATION OF PURPOSE

5-A-1 STATEMENT OF POLICY AND DECLARATION OF PURPOSE:

Because of the water supply conditions prevailing in any or all of the County Waterworks Districts and/or in the area from which any or all of the Districts obtain all or a portion of their supply, the general welfare requires that the water resources available to any or all of the Districts be put to the maximum beneficial use to the extent to which they are capable, and that the unreasonable use, or unreasonable method of use of water be discouraged and that the conservation of such water be practiced with a view to the reasonable and beneficial use thereof in the interest of the people of any or all of the Districts and for the public welfare. The purpose of this Phased Water Conservation Plan is to minimize the effect of a shortage of water supplies on the customers of any or all of the Districts during a water shortage emergency.

SECTION B - AUTHORIZATION TO IMPLEMENT WATER CONSERVATION

5-B-1 AUTHORIZATION TO IMPLEMENT WATER CONSERVATION:

5-B-1a The Board of Directors of the Waterworks Districts may implement the applicable provisions of this conservation plan, following the public hearing required by Rule 5-B-1b, upon its determination that such implementation is necessary to protect the public welfare and safety.

5-B-1b The Board of Directors of the Waterworks Districts shall hold a public hearing for the purpose of determining whether a shortage exists in any or all of the Districts and which measures provided by this ordinance should be implemented. Notice of the time and place of the public hearing shall be published not less than ten (10) days before the hearing in a newspaper of general circulation within the affected District or Districts.

5-B-1c The Board of Directors shall issue its determination of shortage and corrective measures by resolution published in a daily newspaper of general circulation within the affected District or Districts. Conservation surcharges assessed per Rule 5-0-1 shall become effective no sooner than the first full billing period commencing on or after the date of such publication.

Part 5 Added 5/23/91 Ordinance No. 91-0075M
5-A-1 Rev. 7/25/91
5-B-1 Rev. 7/25/91

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION C - GENERAL PROHIBITION

5-C-1 GENERAL PROHIBITION:

5-C-1a No customer of the District or Districts shall make, cause, use, or permit the use of water from the District or Districts in a manner contrary to any provision of this ordinance.

5-C-1b In the area of District No. 34 Desert View Highlands known as Ritter Ranch, as defined in Agreement No. 66407 as amended between the District and Ritter Park Associates, the water use limitations contained in Agreement No. 66407 as amended shall be implemented in addition to those required by this Part of these rules.

SECTION D - PHASE I SHORTAGE

5-D-1 PHASE I SHORTAGE:

5-D-1a A Phase I Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a ten percent (10%) shortage in its water supplies.

5-D-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of ninety percent (90%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-D-1c For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors, or

2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of ninety percent (90%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per rule 5-0-1.

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION E - PHASE II SHORTAGE

5-E-1 PHASE II SHORTAGE:

5-E-1a A Phase II Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between ten percent (10%) and fifteen percent (15%) in its water supplies.

5-E-1b A customer with a meter size of one and one-half (1 1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of eighty-five percent (85%) of the base quantity. All water used in

5-E-1c excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-E-1d For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period to be defined by the Board of Directors, or
2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of eighty-five percent (85%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

SECTION F - PHASE III SHORTAGE

5-F-1 PHASE III SHORTAGE:

5-F-1a A Phase III Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between fifteen percent (15%) and twenty percent (20%) in its water supplies.

5-E-1c Rev. 7/24/91
5-F-1c Rev. 7/91

SECTION F - PHASE III SHORTAGE (continued)

5-F-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of eighty percent (80%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-F-1c For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors, or
2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of eighty percent (80%) of the base quantity. All water used in excess of the target quantity shall be subject to a surcharge per Rule 5-0-1.

5-F-1d New meters to provide construction water service shall not be issued.

5-F-1e Water service ("Will Serve") letters will be issued, but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

SECTION G - PHASE IV SHORTAGE

5-G-1 PHASE IV SHORTAGE:

5-G-1a A Phase IV Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between twenty percent (20%) and twenty-five percent (25%) in its water supplies.

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION G - PHASE IV SHORTAGE (continued)

5-G-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of seventy-five percent (75%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-G-1c For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors, or

2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of seventy-five (75%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

5-G-1d The watering of lawn, landscape or other turf area with water supplied by the District shall be limited to not more than every other day and shall be prohibited between the hours of 10:00 a.m. and 5:00 p.m.

5-G-1e New meters to provide construction water service shall not be issued.

5-G-1f Water Service ("Will Serve") letters will be issued but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION H - PHASE V SHORTAGE

5-H-1 PHASE V SHORTAGE:

5-H-1a A Phase V Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between twenty-five (25%) and thirty percent (30%) in its water supplies.

5-H-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of seventy percent (70%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Supervisors.

5-H-1c For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors, or

2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of seventy percent (70%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

5-H-1d The watering of lawn, landscape or other turf area with water supplied by the district shall be limited to not more than every other day and shall be prohibited between the hours of 10:00 a.m. and 5:00 p.m.

5-H-1e New meters to provide construction water service shall not be issued.

5-H-1f Water service ("Will Serve") letters will be issued but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION I - PHASE VI SHORTAGE

5-I-1 PHASE VI SHORTAGE:

5-I-1a A Phase VI Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between thirty (30%) and thirty-five percent (35%) in its water supplies.

5-I-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of sixty-five percent (65%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-I-1c For meter sizes of one (1) inch or less, a base quantity shall be computed and will be the larger of the following amounts:

1. The average of the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors, or

2. The amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of sixty-five percent (65%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

5-I-1d The watering of lawn, landscape or other turf area with water supplied by the District shall be limited to not more than every third day and shall be prohibited between the hours of 10:00 a.m. and 5:00 p.m.

5-I-1e New meters to provide construction water service shall not be issued.

5-I-1f Water service ("Will Serve") letters will be issued but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION J - PHASE VII SHORTAGE

5-J-1 PHASE VII SHORTAGE:

5-J-1a A Phase VII Shortage shall be declared whenever the Board of Directors determined that it is likely that the District will suffer a shortage of between thirty-five (35%) and forty percent (40%) in its water supplies.

5-J-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of sixty percent (60%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-J-1c For meter sizes of one (1) inch or less, a base quantity shall be computed by averaging the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors. A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of sixty percent (60%) of the base quantity. All water used in excess of the target quantity shall be subject to a surcharge per Rule 6-0-1.

5-J-1d The watering of lawn, landscape or other turf area with water supplied by the District shall be prohibited, except that trees and shrubs may be watered at any time by bucket.

5-J-1e All meters to provide construction water shall be removed.

5-J-1f Water service ("Will Serve") letters will be issued, but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

5-J-1g No new permanent meters shall be installed.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION K - PHASE VIII SHORTAGE

5-K-1 PHASE VIII SHORTAGE:

5-K-1a A Phase VIII Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between forty (40%) and forty-five percent (45%) in its water supplies.

5-K-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of fifty-five percent (55%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-K-1c For meter sizes of one (1) inch or less, a base quantity shall be computed by averaging the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors. A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to fifty-five percent (55%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

5-K-1d The watering of lawn, landscape or other turf area with water supplied by the District shall be prohibited except that trees and shrubs may be watered at any time by bucket.

5-K-1e All meters to provide construction water shall be removed.

5-K-1f Water service ("Will Serve") letters will be issued but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

5-K-1g No new permanent meters shall be installed.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION L - PHASE IX SHORTAGE

5-L-1 PHASE IX SHORTAGE:

5-L-1a A Phase IX Shortage shall be declared whenever the Board of Directors determines that it is likely that the District will suffer a shortage of between forty-five (45%) and fifty percent (50%) in its water supplies.

5-L-1b A customer with a meter size of one and one-half (1-1/2) inches or larger shall be billed at his or her normal established water rate for all water used up to a target quantity of fifty percent (50%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1. The base quantity shall be determined by the amount of water used on the customer's premises during the corresponding billing period of a base period to be defined by the Board of Directors.

5-L-1c For meter sizes of one (1) inch or less, a base quantity shall be computed by averaging the water usage for all similar sized meters during the corresponding billing period of a base period to be defined by the Board of Directors. A customer with a meter size of one (1) inch or less shall be billed at his or her normal established water rate for all water used up to a target quantity of fifty percent (50%) of the base quantity. All water used in excess of the target quantity shall be subject to a conservation surcharge per Rule 5-0-1.

5-L-1d The watering of lawn, landscape or other turf area including trees and shrubs, with water supplied by the District shall be prohibited.

5-L-1e All meters to provide construction water shall be removed.

5-L-1f Water service ("Will Serve") letters will be issued, but such letters will be issued with the condition that permanent metered service to any newly created lot will be prohibited until the Board of Directors determines that the provisions of the Phased Water Conservation Plan are no longer in effect or that the severity of the water supply condition may be reduced to a Phase I or Phase II shortage.

5-L-1g No new permanent meters shall be installed.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

PART 5 - PHASED WATER CONSERVATION PLAN
SECTION M - RELIEF FROM COMPLIANCE

5-M-1 RELIEF FROM COMPLIANCE:

5-M-1a A customer may file an application for relief from any provisions of this ordinance. The Director of Public Works shall develop such procedures as he or she considers necessary to resolve such applications and shall, upon the filing by a customer of an application for relief, take such steps as he or she deems reasonable to resolve the application for relief. The decision of the Director of Public Works shall be final. The Director of Public Works may delegate his or her duties and responsibilities under this Rule as appropriate.

5-M-1b The application for relief may include a request that the customer be relieved, in whole or in part, from the conservation surcharge provisions of Rules 5-D-1b, 5-D-1c, 5-E-1b, 5-F-1c, 5-G-1b and 5-G-1c, 5-H-1b, 5-H-1c, 5-I-1b, 5-I-1c, 5-J-1b, 5-J-1c, 5-K-1b, 5-K-1c, 5-L-1b and 5-L-1c.

5-M-1c In determining whether to grant relief, and the nature of any relief, the Director of Public Works shall take into consideration all relevant factors including, but not limited to:

1. Whether any additional reduction in water consumption will result in unemployment;

2. Whether additional members have been added to the household;

3. Whether any additional landscaped property has been added to the property since the corresponding billing period of the base year;

4. Changes in vacancy factors in multi-family housing;

5. Increased number of employees in commercial, industrial, and governmental offices;

6. Increased production requiring increased process water;

7. Water uses during new construction;

8. Adjustments to water use caused by emergency health or safety hazards;

9. First filling of a permit-constructed swimming pool; and

10. Water use necessary for reasons related to family illness or health.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

11. Whether the basic period for billing should be adjusted due to the unique circumstances of the type of facility, such as a boat, which results in irregular, intermittent periods of consumption.

5-M-1d In order to be considered, an application for relief must be filed with the District within twenty (20) days from the date the provision from which relief is sought becomes applicable to the applicant. No relief shall be granted unless the customer shows that he or she has achieved the maximum practical reduction in water consumption other than in the specific areas in which relief is being sought. No relief shall be granted to any customer who, when requested by the Director of Public Works or designee, fails to provide any information necessary for resolution of the customer's application for relief. The decision shall be issued within twenty (20) days and provided to the customer.

SECTION N - NOTIFICATION OF CUSTOMERS

5-N-1 NOTIFICATION OF CUSTOMERS:

5-N-1a Each customer will be notified on his or her bill as to what the target quantity and the base quantity will be for the applicable billing period.

SECTION O - CONSERVATION SURCHARGES

5-O-1 CONSERVATION SURCHARGES:

5-O-1a Water use in excess of target quantities specified in Rules 5-D-1b, 5-D-1c, 5-E-1b, 5-E-1c, 5-F-1b, 5-F-1c, 5-G-1b, 5-F-1c, 5-H-1b, 5-H-1c, 5-I-1b, 5-I-1c, 5-J-1b, 5-J-1c, 5-K-1b, 5-K-1c, 5-L-1b and 5-L-1c shall be subject to the following conservation surcharges:

1. A conservation surcharge of $3.00 per 100 cubic-feet shall be assessed for water usage in excess of the target quantity but less than the base quantity set in these Rules for the applicable billing cycle. This conservation surcharge shall be in addition to the normal established water rate.

2. A conservation surcharge of $6.00 per 100 cubic-feet shall be assessed for water usage in excess of the base quantity set in these Rules for the applicable billing cycle. This conservation surcharge shall be in addition to the normal established water rate.

5-O-1b Violation by any customer of the water use prohibitions of Rules 5-G-1d, 5-H-1d, 5-I-1d, 5-K-1d and 5-K-1d shall be penalized as follows:

1. First violation. The Director of Public Works or designee shall issue a written notice of the fact of a first violation to the customer.

2. Second violation. For a second violation during any one water shortage emergency, the Director of Public Works or designee shall issue a written notice of the fact of a second violation to the customer.

3. Third and subsequent violations. For a third and each subsequent violation during any one water shortage emergency, the Director of Public Works or designee may install a flow-restricting device or the service of the customer at the premises at which the violation occurred for installing and for removing the flow-restricting devices and for restoration of normal service. The charge shall be paid before normal service can be restored.

5-O-1c All monies collected by a District pursuant to this ordinance shall be deposited in that District's General Fund as reimbursement for the District's costs and expenses of administering this conservation plan.

5-O-1d The District shall give notice to customer of water conservation surcharges or of water usage violations as follows:

1. Notice of water conservation surcharges or of first and second violations of the water use prohibitions of Rules 5-G-1d, 5-H-1d, 5-I-1d, 5-J-1d, 5-K-1d and 5-L-1d shall be given to the customer in person or by regular mail.

   b. If the customer is absent from or unavailable at the premises at which the violation occurred, by leaving a copy with some person of suitable age and discretion at the premises and sending a copy through the regular mail to the address at which the customer is normally billed; or

   c. If a person of suitable age or discretion cannot be found, then by affixing a copy in a conspicuous place at the premises at which the violation occurred and also sending a copy through the regular mail to the address at which the customer is normally billed.

5-O-1e The notice of a violation of the water use prohibitions of Rules 5-G-1d, 5-H-1d, 5-I-1d, 5-J-1d, 5-K-1d and 5-L-1d shall contain a description of the facts of the violation, a statement of the possible penalties for each violation and a statement informing the customer of his right to a hearing on the merits of the violation pursuant to Rule 5-P-1.

5-O-1f Nothing in these regulations shall prohibit any customer from either installing sub-meters or from pro-rating and collecting from the ultimate users any conservation surcharges assessed when the customer's master meter measures consumption of water for multiple tenancy facilities. However, unless the sub-meters are subsequently billed directly by the District, the customer responsible for the master meter shall continue to be responsible directly to the District for all payments including conservation surcharges.

SECTION P - HEARING REGARDING VIOLATIONS

5-P-1 HEARING REGARDING VIOLATIONS:

5-P-1a Any customer receiving notice of a third or subsequent violations of the water use prohibitions of Rules 5-G-1d, 5-H-1d, 5-I-1d, 5-J-1d, 5-K-1d or 5-L-1d shall have a right to a hearing by the Director of Public Works or his designee within fifteen (15) days of a mailing or other delivery of the notice of violation.

5-P-1b The customer's written request for a hearing must be received within ten (10) days of the issuance of the notice of violation. This request shall stay installation of a flow-restricting device on the customer's premises and the assessment of any surcharge until the Director of Public Works or designee renders his or her decision. The decision shall be issued within ten (10) days of the hearing, a copy of which shall be provided to the customer.

5-P-1c The decision of the Director of Public Works shall be final except for judicial review.

SECTION Q - ADDITIONAL WATER SHORTAGE MEASURES

5-Q-1 ADDITIONAL WATER SHORTAGE MEASURES:

The Board of Directors may order implementation of water conservation measures in addition to those set forth in Rules 5-D-1, 5-E-1, 5-F-1, 5-F-1, 5-H-1, 5-I-1, 5-J-1, 5-K-1 and 5-L-1.Such additional water conservation measures shall be implemented in the manner provided in
Rule 5-B-1.

PART 5 - PHASED WATER CONSERVATION PLAN

SECTION R - PUBLIC HEALTH AND SAFETY NOT TO BE AFFECTED

5-R-1 PUBLIC HEALTH AND SAFETY NOT TO BE AFFECTED:

Nothing in this ordinance shall be construed to require the District to curtail the supply of water to any customer when such water is required by that customer to maintain an adequate level of public health and safety.

SECTION S - SEVERABILITY

5-S-1 SEVERABILITY:

If any part of this ordinance or the application thereof to any person or circumstances is for any reason held invalid or unconstitutional by a decision of any court of competent jurisdiction, the validity of the remainder of the ordinance or the application of such provision to other persons or circumstances shall not be affected. The Board of Directors of the District or Districts declares that it would have adopted this ordinance and all provisions hereof irrespective of the fact that any one or more of the provisions be declared invalid or unconstitutional.

Part 5 Added 5/23/91 Ordinance No. 91-0075M

Appendix C

Letters of Transmittal
Provision of Supply Reliability Section to Cities within District

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DEAN D. EFSTATHIOU, Acting Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 18, 2008

IN REPLY PLEASE
REFER TO FILE: WW-1

dc: SPINDLE, READING, AR, DR

Mr. Randy Williams
Director of Public Works
City of Lancaster
44933 North Fern Avenue
Lancaster, CA 93534-2461

Dear Mr. Williams:

WATER SUPPLY RELIABILITY SECTION AND AMENDMENT TO THE 2005 INTEGRATED URBAN WATER MANAGEMENT PLAN

The Los Angeles County Waterworks District No. 40, Antelope Valley (District), has revised the 2005 Integrated Urban Water Management Plan for the Antelope Valley (IUWMP) following review of the IUWMP by the California Department of Water Resources (DWR). The California Water Code, Section 10635, also requires the District to provide the Supply Reliability sections of the IUWMP to the City of Lancaster. Enclosed are the addenda and amendments that have been made to the IUWMP based on DWR's review as well as the Supply Reliability sections to meet DWR's requirements.

The entire text of the IUWMP is available online at www.lacwaterworks.org.

If you have any questions, please contact Mr. Aric Rodriguez at (626) 300-4688.

Very truly yours,

DEAN D. EFSTATHIOU
Acting Director of Public Works

FOR ADAM ARIKI
Assistant Deputy Director
Waterworks Division

AR:lr
DLB310

Enc.

cc: City of Lancaster (Asoka Herath)

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DEAN D. EFSTATHIOU, Acting Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 18, 2008

IN REPLY PLEASE
REFER TO FILE: WW-1

dc: SPINDLE, READING, AR, DR

Mr. Michael Mischel
Director of Public Works
City of Palmdale
38250 North Sierra Highway
Palmdale, CA 93550-4798

Dear Mr. Mischel:

WATER SUPPLY RELIABILITY SECTION AND AMENDMENT TO THE 2005 INTEGRATED URBAN WATER MANAGEMENT PLAN

The Los Angeles County Waterworks District No. 40, Antelope Valley (District), has revised the 2005 Integrated Urban Water Management Plan for the Antelope Valley (IUWMP) following review of the IUWMP by the California Department of Water Resources (DWR). The California Water Code, Section 10635, also requires the District to provide the Supply Reliability sections of the IUWMP to the City of Lancaster. Enclosed are the addenda and amendments that have been made to the IUWMP based on DWR's review as well as the Supply Reliability sections to meet DWR's requirements.

The entire text of the IUWMP is available online at www.lacwaterworks.org.

If you have any questions, please contact Mr. Aric Rodriguez at (626) 300-4688.

Very truly yours,

DEAN D. EFSTATHIOU
Acting Director of Public Works

FOR ADAM ARIKI
Assistant Deputy Director
Waterworks Division

AR:lr
DLB312

Enc.

cc: City of Palmdale (Brian Ludicke)