



# Yucaipa Valley Water District

12770 Second Street, Yucaipa, California 92399 Phone: (909) 797-5117

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## Notice and Agenda of a Regular Meeting of the Board of Directors

Wednesday, January 6, 2016 at 6:00 p.m.

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- I. **CALL TO ORDER** - Pledge of Allegiance
- II. **ROLL CALL**
- III. **PUBLIC COMMENTS** - At this time, members of the public may address the Board of Directors on matters within its jurisdiction. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the board meeting.
- IV. **CONSENT CALENDAR** - All matters listed under the Consent Calendar are considered by the Board of Directors to be routine and will be enacted in one motion. There will be no discussion of these items prior to the time the board considers the motion unless members of the board, the administrative staff, or the public request specific items to be discussed and/or removed from the Consent Calendar.
  - A. Minutes of Meetings
    1. Board Workshop - December 8, 2015
    2. Regular Board Meeting - December 16, 2015
- V. **BOARD REPORTS**
  - A. Reports by Board Members
- VI. **STAFF REPORT**
- VII. **DISCUSSION ITEMS**
  - A. Adoption of Resolution No. 2016-01 Approving an Investment Policy and Appointment of the General Manager as the District Investment Officer [[Director Memorandum No. 16-001 - Page 17 of 74](#)]

RECOMMENDED ACTION: That the Board adopts Resolution No. 2016-01.
  - B. Adoption of Resolution No. 2016-02 Appointing a Corporate Representative to Small Claims Court [[Director Memorandum No. 16-002 - Page 26 of 74](#)]

RECOMMENDED ACTION: That the Board adopts Resolution No. 2016-02.

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Any person with a disability who requires accommodation in order to participate in this meeting should telephone Tysa Baeumel at (909) 797-5117 at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation.

Materials related to an item on this agenda submitted to the Board of Directors after distribution of the board meeting packet are available for public inspection during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting material is also be available on the District's website at [www.yvwd.dst.ca.us](http://www.yvwd.dst.ca.us)

- C. Reimbursement Policy and Compensation Paid to Members of the Board of Directors Pursuant to Assembly Bill No. 1234 [[Director Memorandum No. 16-003 - Page 28 of 74](#)]

RECOMMENDED ACTION: That the Board either: (1) takes no action which would provide for a five percent increase; or (2) adopts the Resolution No. 2016-03 to defer increased compensation in accordance with Ordinance No. 53-2007.

- D. Adoption of Resolutions Electing to be Subject to the Public Employees' Medical and Hospital Care Act at Unequal Amounts for Employees and Annuitants with Respect to Recognized Employee Organizations [[Director Memorandum No. 16-004 - Page 35 of 74](#)]

RECOMMENDED ACTION: That the Board of Directors adopt the standardized CalPERS resolutions as follows: Resolution No. 2016-04 for General Employees; Resolution No. 2016-05 for Supervisory Employees; Resolution No. 2016-06 for Management Employees; and Resolution No. 2016-07 for the Board of Directors.

- E. Change Order No. 1 and Notice of Completion for the Annual Water Storage Reservoir Cleaning and Inspection Services by Workhorse Diving and Salvage [[Director Memorandum No. 16-005 - Page 56 of 74](#)]

RECOMMENDED ACTION: That the Board approves Change Order No. 1 for a decrease of \$315.00 and authorizes the filing of the Notice of Completion for the reservoir cleaning project.

- F. Overview of Operational Activities in Preparation for the Anticipated El Nino Weather Event in 2016 [[Director Memorandum No. 16-006 - Page 59 of 74](#)]

RECOMMENDED ACTION: Pending.

**VIII. DIRECTORS COMMENTS**

**IX. ANNOUNCEMENTS**

- A. January 12, 2015 at 4:00 p.m. - Board Workshop  
B. January 20, 2015 at 6:00 p.m. - Regular Board Meeting  
C. January 26, 2015 at 4:00 p.m. - Board Workshop  
D. January 27, 2015 at 6:00 p.m. - San Gorgonio Pass Regional Water Resource Alliance at the City of Banning

**X. ADJOURNMENT**

# Consent Calendar



Yucaipa Valley Water District

# MINUTES OF A BOARD WORKSHOP

December 8, 2015 at 4:00 P.M.

## Directors Present:

Lonni Granlund, President  
Jay Bogh, Vice President  
Ken Munoz, Director

## Staff Present:

Joseph Zoba, General Manager  
Jack Nelson, Assistant General Manager  
Jennifer Ares, Water Resource Manager  
Brent Anton, Engineering Manager  
John Hull, Public Works Manager  
Jeremy Costello, Engineering Technician II  
Bob Wall, Operations Manager  
John Wrobel, Regulatory & Environmental Control  
Manager  
Joe DeSalliers, Public Works Supervisor

## Directors Absent:

Bruce Granlund, Director  
Tom Shalhoub, Director

## Consulting Staff Present:

David Wysocki, Legal Counsel

## Guests and Others Present:

Eric Fraser, Beaumont Cherry Valley Water District  
Jan Leja, Representative for Congressman Paul Cook  
Leonard Stevenson, San Geronio Pass Water Agency  
Jeff Davis, San Geronio Pass Water Agency

- I. Call to Order - 4:00 p.m.
- II. Public Comments - Jan Leja discussed current water legislation and thanked the District staff for assisting with comments on the potential impacts to the region.
- III. Staff Report:
  - The District staff briefly discussed the following items:
    - The Yucaipa Valley Water District will be posting new Requests for Proposals on the District's website for the demolition of the Cedar Avenue buildings.
- IV. Presentations
  - A. Overview of the California Drought and Yucaipa Valley Water District's Action Plan Related to the State Water Resources Control Board Mandatory Restrictions to Achieve a 36% Reduction in Potable Urban Water Use [Workshop Memorandum No. 15-242] - General Manager Joseph Zoba reported on the District's water conservation efforts and the steps taken to achieve the required 36% water conservation goal required by the State Water Resources Control Board.
  - B. Overview of the Preparation of the 2015 Urban Water Management Plan for the Yucaipa Valley Water District [Workshop Memorandum No. 15-243] - General Manager Joseph Zoba discussed the regional issues with the preparation of the Urban Water Management Plans in the area of the San Geronio Pass Water Agency.

- C. Overview of the Bunker Hill Conjunctive Use Project and a Draft Memorandum of Understanding for the Proposed Project [Workshop Memorandum No. 15-244] - General Manager Joseph Zoba provided an overview and status report on the proposed project.
  - D. Overview of a Conceptual Plan for Regional Sewer Collection and Treatment Opportunities [Workshop Memorandum No. 15-245] - General Manager Joseph Zoba provided an overview of the regional sewer collection and treatment opportunities with the City of Beaumont.
- V. Operational Updates
- A. Overview of the Recycled Water Filling Station for Customers of the Yucaipa Valley Water District [Workshop Memorandum No. 15-246] - General Manager Joseph Zoba and Public Works Manager John Hull provided an update on the operation of the recycled water fill station.
  - B. Status Report on the Inspection and Cleaning of Water Storage Reservoirs [Workshop Memorandum No. 15-247] - Operations Manager Bob Wall provided an updated on the status of the reservoir cleaning project.
  - C. Operational Activities in Preparation for the Anticipated El Nino Weather Events [Workshop Memorandum No. 15-248] - General Manager Joseph Zoba provided information to the Board of Directors about the condition of the existing sewer bridge near Interstate 10. By consensus, the Board of Directors authorized the District staff to take immediate and emergency actions required for the design and construction of improvements to stabilize the bridge structure for El Nino weather conditions and seismic events.
  - D. Contract for Pipeline Coating Maintenance and Repairs to the 48" Influent Pipeline at the Yucaipa Valley Regional Water Filtration Facility [Workshop Memorandum No. 15-249] - Operations Manager Bob Wall provided information about the influent pipe coating contract.
- VI. Capital Improvement Projects
- A. Status Report on the Construction of a 6.0 Million Gallon Drinking Water Reservoir R-12.4 - Calimesa [Workshop Memorandum No. 15-250] - Engineering Manager Brent Anton provided an overview of the Reservoir R-12.4 project construction.
  - B. Status Report on the Installation of New Recycled Water Services and Recycled Water Pipelines throughout the Service Area of the Yucaipa Valley Water District [Workshop Memorandum No. 15-251] - Engineering Manager Brent Anton provided information about the recycled water pipelines under construction in the District's service area.
  - C. Status Report on the Drinking Water Filtration System Efficiency Enhancement Project [Workshop Memorandum No. 15-252] - General Manager Joseph Zoba provided an overview of the proposed water filtration enhancements.
  - D. Status Report on the Construction of Interim Recycled Water Booster Station NB-12.3 [Workshop Memorandum No. 15-253] - Engineering Manager Brent Anton provided an update on the status of the interim recycled water booster station.
- VII. Administrative Items
- A. Review of the Unaudited Financial Report for the Period Ending on November 30, 2015 [Workshop Memorandum No. 15-254] - Controller Vicky Elisalda provided an overview of the unaudited financial report.
  - B. Review of a Multijurisdictional Pretreatment Agreement Between Yucaipa Valley Water District and the San Bernardino Valley Municipal Water District [Workshop

Memorandum No. 15-255] - Regulatory & Environmental Control Manager John Wrobel provided an overview of the multijurisdictional agreement.

- C. Discussion Regarding the Increased Implementation and Distribution of Weather-Based Wi-Fi Irrigation Controllers for Residential Water Customers of the Yucaipa Valley Water District [Workshop Memorandum No. 15-256] - General Manager Joseph Zoba provided an update on the status of the Skydrop implementation program.
  - D. Discussion Regarding the U.S. Department of Interior, Bureau of Reclamation, Lower Colorado Region Water Conservation Field Services Grant Program for Fiscal Year 2016 [Workshop Memorandum No. 15-257] - General Manager Joseph Zoba provided information about the Bureau of Reclamation grant opportunity.
  - E. Discussion Regarding the U.S. Department of Interior, Bureau of Reclamation WaterSMART: Water and Energy Efficiency Grant Program for Fiscal Year 2016 [Workshop Memorandum No. 15-258] - General Manager Joseph Zoba provided information about the Bureau of Reclamation grant opportunity.
  - F. Review of Claim Related to Damages at 146 W. Avenue L, Calimesa - Reseigh [Workshop Memorandum No. 15-259] - Assistant General Manager Jack Nelson provided an overview of the resubmitted claim from Mr. Reseigh.
- VIII. Director Comments
- There were no comments from the board members.
- IX. Adjournment - The meeting was adjourned at 5:40 p.m.

Respectfully submitted,

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Joseph B. Zoba, Secretary

# MINUTES OF A REGULAR BOARD MEETING

December 16, 2015 at 6:00 P.M.

**Directors Present:**

Lonni Granlund, President  
Jay Bogh, Vice President  
Bruce Granlund, Director

**Staff Present:**

Joseph Zoba, General Manager  
Jack Nelson, Assistant General Manager  
Vicky Elisalda, Controller  
Bob Wall, Operations Manager

**Directors Absent:**

Ken Munoz, Director  
Tom Shalhoub, Director

**Consulting Staff Present:**

David Wysocki, Legal Counsel

**Registered Guests and Others Present:**

Karen DaSilva, News Mirror  
David Duron, Customer

The regular meeting of the Board of Directors of the Yucaipa Valley Water District was called to order by Director Lonni Granlund at 6:00 p.m. at the Administrative Office Building, 12770 Second Street, Yucaipa, California.

CALL TO ORDER

Director Jay Bogh led the pledge of allegiance.

FLAG SALUTE

The roll was called and Director Jay Bogh, Director Bruce Granlund, and Director Lonni Granlund were present. Director Ken Munoz and Director Tom Shalhoub were absent.

ROLL CALL

David Duron provided comments about an article in the Press Enterprise regarding the consolidation of sewer treatment agencies in the Lake Elsinore area.

PUBLIC COMMENTS

Director Bruce Granlund moved to approve the consent calendar excluding the board workshop minutes from December 8, 2015. Director Jay Bogh seconded the motion to approve the consent calendar.

CONSENT CALENDAR

A. Minutes of Meetings

1. Regular Board Meeting - December 2, 2015

B. Payment of Bills

1. Approve/Ratify Invoices for Board Awarded Contracts
2. Ratify General Expenses for November 2015

The motion was approved by the following vote:

Director Jay Bogh - Yes  
Director Bruce Granlund - Yes  
Director Lonni Granlund - Yes  
Director Ken Munoz - Absent  
Director Tom Shalhoub - Absent

Reports by Board Members

- Director Bruce Granlund reported on the tour of the Yucaipa Valley Regional Drinking Water Filtration Facility held on December 9, 2015.
- Director Bruce Granlund reported on the community meeting hosted by the Yucaipa Valley Water District on December 9, 2015.
- Director Lonni Granlund reported on the Association of the San Bernardino County Special Districts held at the Yucaipa Valley Regional Drinking Water Filtration Facility on December 14, 2015.

BOARD REPORTS

General Manager Joseph Zoba discussed the following items:

- The District staff is taking steps to complete the design of the improvements to the sewer bridge located near Interstate 10. A contractor will be selected as soon as possible to complete the emergency repair work.
- The District staff has posted a Request for Proposals for the demolition of the Cedar Avenue administration building.
- The District staff has updated the operational hours of the Recycled Water Fill Station.

STAFF REPORT

Following a staff presentation by Controller Vicky Elisalda, Director Bruce Granlund moved and Director Jay Bogh seconded a motion to receive and file the unaudited financial statement.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Bruce Granlund - Yes
- Director Lonni Granlund - Yes
- Director Ken Munoz - Absent
- Director Tom Shalhoub - Absent

DISCUSSION ITEMS:

DM 15-111  
UNAUDITED  
FINANCIAL REPORT  
FOR THE PERIOD  
ENDING ON  
NOVEMBER 30, 2015

Following a staff presentation by Operations Manager Bob Wall, Director Bruce Granlund moved and Director Jay Bogh seconded a motion to approve a contract with J. Colon Coatings, Inc. for a sum not to exceed \$61,215.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Bruce Granlund - Yes
- Director Lonni Granlund - Yes
- Director Ken Munoz - Absent
- Director Tom Shalhoub - Absent

DM 15-112  
AUTHORIZATION TO  
EXECUTE A  
CONTRACT WITH J.  
COLON COATINGS  
FOR COATING  
REPAIRS AT THE  
YUCAIPA VALLEY  
REGIONAL WATER  
FILTRATION



Following a staff presentation by General Manager Joseph Zoba, Director Bruce Granlund moved and Director Jay Bogh seconded a motion to authorize the District staff to proceed with the preparation of the 2015 Urban Water Management Plan and coordinate water supply and demand projections with the appropriate water agencies.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Bruce Granlund - Yes
- Director Lonni Granlund - Yes
- Director Ken Munoz - Absent
- Director Tom Shalhoub - Absent

DM 15-113  
PREPARATION OF  
THE 2015 URBAN  
WATER  
MANAGEMENT PLAN  
FOR THE YUCAIPA  
VALLEY WATER  
DISTRICT

Following a staff presentation by General Manager Joseph Zoba, Director Jay Bogh moved and Director Bruce Granlund seconded a motion to adopt Resolution No. 2015-20.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Bruce Granlund - Yes
- Director Lonni Granlund - Yes
- Director Ken Munoz - Absent
- Director Tom Shalhoub - Absent

DM 15-114  
ADOPTION OF  
RESOLUTION NO.  
2015-20 RELATED TO  
WATER WASTE AND  
WATER USE  
EFFICIENCY

This agenda item was removed from consideration since the original claim by Mr. Reseigh's insurance company purported to include all expenses including the deductible. The recently presented claim by Mr. Reseigh is deemed a late amendment of the old claim and therefore denied as a matter of law by the District's original denial on July 2, 2015.

DM 15-115  
DENIAL OF CLAIM  
RELATED TO  
DAMAGES AT 146 W.  
AVENUE L, CALIMESA  
- RESEIGH

There were no director comments.

DIRECTOR  
COMMENTS

Director Lonni Granlund called attention to the announcements listed on the agenda.

ANNOUNCEMENTS

The meeting was adjourned at 6:40 p.m.

ADJOURNMENT

Respectfully submitted,

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Joseph B. Zoba, Secretary

(Seal)

# Board Reports



Yucaipa Valley Water District

# Staff Report



Yucaipa Valley Water District



**December 30, 2015**

**Contacts:**

**Doug Carlson, Information Officer – (916) 653-5114**

[Paul.Carlson@water.ca.gov](mailto:Paul.Carlson@water.ca.gov)

**Ted Thomas, Information Officer – (916) 653-9712**

[Ted.Thomas@water.ca.gov](mailto:Ted.Thomas@water.ca.gov)

**Elizabeth Scott, Information Officer – (916) 712-3904 (mobile at survey site)**

[Elizabeth.Scott@water.ca.gov](mailto:Elizabeth.Scott@water.ca.gov)

**Snowpack's Water Content Far Greater than One Year Ago,  
But It's Still Too Soon To Know Whether Drought Will Be Broken**

**SACRAMENTO** – The Department of Water Resources (DWR) conducted the winter's first media-oriented manual snow survey today, and despite the higher-than-average water content for the statewide snowpack, officials said snowfall during the remainder of the winter will largely determine whether California's drought will be entrenched for a fifth year.

DWR Director Mark Cowin said the heavy snowfall so far during Water Year 2016 "has been a reasonable start, but another three or four months of surveys will indicate whether the snowpack's runoff will be sufficient to replenish California's reservoirs by this summer." Each water year begins on October 1 and ends on the following September 30.

DWR conducts five media-oriented snow surveys in the Sierra Nevada each winter – near the first of January, February, March, April and May – at the Phillips Station plot (elevation 6,800 feet) just off Highway 50 near Sierra-at-Tahoe Road 90 miles east of Sacramento.

Frank Gehrke, chief of the California Cooperative Snow Surveys Program, said more than four years of drought have left a water deficit around the state that may be difficult to overcome in just one winter season.

"Clearly, this is much better that it was last year at this time, but we haven't had the full effect of the El Niño yet," Gehrke said. "If we believe the forecasts, then El Niño is supposed to kick in as we move through the rest of the winter. That will be critical when it comes to looking at reservoir storage."

The state's largest six reservoirs currently hold between 22 percent (New Melones) and 53 percent (Don Pedro) of their historical averages in late December. Storage in Lake Shasta, California's largest surface reservoir, is 51 percent of its December 30 average.

Today's manual survey found a snow depth of 54.7 inches – 16 inches more than the average depth measured there since 1965 – and 16.3 inches of water content, 136 percent of the January 1 average for that site.

More telling than a survey at a single location, however, are DWR's electronic readings today from 99 stations scattered throughout the Sierra Nevada. Measurements indicate the water content of the northern Sierra snowpack is 11 inches, 108 percent of the multi-decade average for the date. The central and southern Sierra readings were 12.1 inches (116 percent of average) and 7 inches (86 percent) respectively. Statewide, the snowpack held 10.2 inches of water equivalent, or 105 percent of the December 30 average.

One year ago, the north, central, south and statewide readings respectively were 5.8 inches (57 percent of average), 4.7 inches (45 percent), 4.0 inches (48 percent) and 4.8 inches (50 percent).

In normal years, the snowpack supplies about 30 percent of California's water needs as it melts in the spring and early summer. The greater the snowpack water content, the greater the likelihood California's reservoirs will receive ample runoff as the snowpack melts to meet the state's water demand in the summer and fall.

Results of today's manual readings by DWR near Echo Summit are as follows:

<b>Location</b>	<b>Elevation</b>	<b>Snow Depth</b>	<b>Water Content</b>	<b>% of Long-Term Average</b>
Alpha	7,600 feet	Unavailable		
Phillips Station	6,800 feet	54.7 inches	16.3 inches	136
Lyons Creek	6,700 feet	58 inches	14 inches	120
Tamarack Flat	6,500 feet	Unavailable		

Despite snowpack readings that are higher than last year, the major water reservoirs are storing far less water this year than their late-December historical averages. Lake Oroville in Butte County, the State Water Project's (SWP) principal reservoir, now holds 1 million acre feet (MAF), 29 percent of its 3.5 million acre-foot capacity and 47 percent of its historical average on December 30. One year ago today, Oroville's numbers were 1.3 MAF, which was 62 percent of its December 30 average.

Lake Shasta north of Redding and the federal Central Valley Project's (CVP) largest reservoir now holds 1.4 MAF, 31 percent of its 4.55 million acre-foot capacity and 51

percent of its historical average. One year ago today, Shasta held 1.9 MAF, which was 41 percent of its total capacity and 66 percent of the December 30 average.

San Luis Reservoir, a critical south-of-Delta pool for both the SWP and CVP, reflects the same trend of lower reservoir storage this year. San Luis currently holds 20 percent of its 2 million AF capacity, 30 percent of normal for the date.

Governor Edmund G. Brown Jr. declared a drought State of Emergency on January 17, 2014 and directed state officials to take all necessary actions to prepare for water shortages. On April 1, 2015, when the statewide snowpack's water content was historically low at 5 percent of that date's average, Governor Brown mandated a 25-percent reduction in water use across the state. Californians have largely complied with the mandate; from June through October, water consumption was down 27.1 percent statewide compared to the same period in 2013, according to the State Water Resources Control Board.

Conservation – the wise, sparing use of water – remains California's most reliable drought management tool. Each individual act of conservation, such as letting the lawn go brown or replacing a washer in a faucet to stop a leak, makes a difference over time.

Californians can learn easy ways to save water every day by visiting [SaveOurWater.com](http://SaveOurWater.com). California's efforts to deal with the effects of the drought can be found at [drought.ca.gov](http://drought.ca.gov).

**Electronic snowpack readings are available on the Internet at:**  
**<http://cdec.water.ca.gov/cdecapp/snowapp/sweq.action>** For earlier readings, click the calendar icon below the map, select a date, then Refresh Data.

**Water Year 2016 precipitation can be found at the following link; look in the right-hand column for the Northern Sierra 8-station index for updated rainfall readings in the critical northern portion of the state, as well as the San Joaquin 5-station and Tulare Basin 6-station links: [http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html)**

**For a broader snapshot of current and historical weather conditions, see DWR's "Water Conditions" and "Drought" pages:**

**Water Conditions Page:**  
**<http://www.water.ca.gov/waterconditions/waterconditions.cfm>**

**Drought Page:**  
**<http://www.water.ca.gov/waterconditions/index.cfm>**

**Everyday water conservation tips at Save Our Water:**  
**<http://www.saveourwater.com>**

**Information on the State's turf and toilet rebate program:**  
**<http://www.saveourwaterrebates.com/>**

Visit [SaveOurWater.com](http://SaveOurWater.com) to find out how everyone can do their part, and visit <http://drought.ca.gov> to learn more about how California is dealing with the effects of the drought. The Department of Water Resources operates and maintains the State Water Project, provides dam safety and flood control and inspection services, assists local water districts in water management and water conservation planning, and plans for future state wide water needs.



# Discussion Items



Yucaipa Valley Water District





**Date:** January 6, 2016

**Prepared By:** Vicky Elisalda, Controller

**Subject:** Adoption of Resolution No. 2016-01 Approving an Investment Policy and Appointment of the General Manager as the District Investment Officer

**Recommendation:** That the Board adopts Resolution No. 2016-01 as presented.

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On January 7, 2015, the Board of Directors adopted the current investment policy as Resolution No. 2015-01 [Director Memorandum No. 15-001].

Each year the District staff presents the investment policy for review by the Board of Directors. If modifications to the policy are not necessary, the District staff recommends adoption of Resolution No. 2016-01.

**RESOLUTION NO. 2016-01**

**A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT  
APPROVING AN INVESTMENT POLICY AND APPOINTING  
THE GENERAL MANAGER AS THE DISTRICT INVESTMENT OFFICER**

WHEREAS, California Government Code, Section 53646, requires the annual adoption of an investment policy.

NOW, THEREFORE, the Yucaipa Valley Water District hereby resolves as follows:

Section 1: Adoption of Investment Policy.

Pursuant to Government Code 53600 et seq., the “Yucaipa Valley Water District Statement of Investment Policy” is hereby approved as attached hereto and incorporated herein by this reference.

Section 2: Appointment of Investment Officer.

The General Manager of the District is hereby appointed as the District’s Investment Officer and is authorized and directed to do all things necessary to implement the Investment Policy.

PASSED, APPROVED and ADOPTED this 6<sup>th</sup> day of January 2016.

YUCAIPA VALLEY WATER DISTRICT

ATTEST:

\_\_\_\_\_  
Lonni Granlund, President Board of Directors

\_\_\_\_\_  
Joseph B. Zoba, General Manager



## STATEMENT OF INVESTMENT POLICY

January 6, 2016

### INTRODUCTION

The purpose of this policy is to provide broad guidelines to the District Investment Officer, who is charged with the responsibility for the investment of funds for the District. All investments by the District shall be governed by State law and by this policy.

The District Investment Officer is responsible for administering the District's investments. In furtherance of this responsibility, the District Investment Officer shall issue and administer detailed Investment Instructions which may change periodically and which will implement this Investment Policy. The investment of bond proceeds will be further restricted by the provisions of relevant bond documents.

### POLICY GUIDELINES

#### 1) Prudence

The standard of prudence to be used by the District Investment Officer shall be the "prudent person" standard and shall be applied in the context of managing an overall portfolio. All persons investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds shall act with care, skill, prudence and diligence in order to safeguard the principal amount of the investments and maintain the liquidity needs of the District.

#### 2) Objectives

The primary objectives, in priority order, of the District's investment activities shall be:

- A. Safety of Principal. The investments shall be undertaken in a manner that seeks to ensure preservation of capital in the portfolio.
- B. Liquidity. The investment portfolio will remain sufficiently liquid to enable the District to meet its cash flow requirements.
- C. Return on Investment. The investment portfolio shall be designed with the objective of attaining a market rate of return on its investments consistent with the constraints imposed by its safety objective and cash flow requirements.

#### 3) Delegation of Authority

The management and oversight responsibility for the investment program is hereby delegated to the District Investment Officer who shall monitor and review all investments for consistency with

this investment policy. No person may engage in an investment transaction except as provided under the limits of this policy. The District Investment Officer shall maintain investment instructions for internal and external management of investments consistent with State Government Code requirements. The District may contract for the use of investment manager services subject to all other provisions of this Investment Policy. The District Investment Officer shall maintain a list of authorized broker/dealers and financial institutions that are approved for investment purposes, and it shall be the policy of the District staff to purchase securities only from those authorized institutions or firms.

#### **4) Investment Oversight Committee**

There is hereby established an Investment Oversight Committee, which shall consist of the Investment Officer, the District's Controller and the members of the Board of Directors.

It shall be the responsibility of the Committee to:

- A. Review changes in investment practices of the Investment Officer for compliance with the Investment Policy and investment transaction instructions and procedures;
- B. Review the District's monthly Unaudited Financial Report for adherence to this Investment Policy and investment instructions and procedures in the event that said Report is not presented at a workshop of the Board; and
- C. Identify any deviations from the Investment Policy or any investment instructions or procedures which are deemed imprudent.

To maintain full financial transparency of the District's operations, an unaudited financial report will be provided monthly to the Board of Directors at a workshop meeting prior to being presented at a board meeting. The presentation of the monthly financial report shall be the preferred mechanism to be used to provide all financial information to the entire Board and the public.

#### **5) Ethics and Conflict of Interest**

Officers and employees involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program, or which could impair their ability to make impartial decisions. Officers and employees involved in the investment process shall abide by the District's Conflict of Interest Code, California Government Code, Section 1090 and the California Political Reform Act.

#### **6) Authorized and Acceptable Investments**

Government Code, Section 53601 sets forth the eligible investments for the District. All investments purchased for the District shall be delivered, either by book entry or physical delivery, to the District's third party custodian. All investments of the District shall have the Yucaipa Valley Water District as registered owner.

- A. As to the District's surplus funds generally (excluding funds from bond proceeds), the District's Investment Officer is authorized to invest such funds as follows:
  1. Local Agency Investment Fund - The District Investment Officer may invest in the Local Agency Investment Fund (LAIF) established by the State Treasurer for the benefit of local agencies. There is no minimum investment period and the minimum transaction is \$5,000, in multiples of

\$1,000 above that, with a maximum of \$30 million for any agency. The LAIF offers high liquidity because deposits can be converted to cash in 24 hours and no interest is lost. All interest is distributed to those agencies participating on a proportionate share.

2. Passbook Savings Accounts and Demand Deposit Accounts - For purposes of this policy, passbook savings accounts and demand deposit accounts and bank money-market accounts shall be considered appropriate investments. The District may earn interest on idle funds in such accounts at a federally-insured institution.
  3. United States Government Securities - U.S. Treasury Bills, Notes, Bonds and Certificates of Indebtedness, or those for which the full faith and credit of the United States are pledged for payment of principal and interest and are not subject to any limitations. Since this investment category is considered to be extremely safe and liquid, there is no limitation as to the percentage of the District's portfolio that can be invested in these types of investments.
- B. As to the District's bond proceeds, and subject to the Board's approval, such proceeds may be invested by the District Investment Officer in the following investments authorized under California Government Code, Sections 53601, 53635 and 53635.2:
1. United States Treasury notes, bonds, bills or certificates of indebtedness or other obligations for which the full faith and credit of the United States are pledged for the payment of principal and interest;
  2. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. Certain short-term obligations of agencies or instrumentalities of the United States Government may be backed only by the issuing agency or instrumentality and may not be backed by the full faith and credit of the United States Government. For example, securities issued by the Federal Home Loan Banks and the Freddie Mac are supported only by the credit of the agency or instrumentality that issued them, and not by the United States Government, and securities issued by the Federal Farm Credit System and the Fannie Mae are supported by the agency's or instrumentality's right to borrow money from the U.S. Treasury under certain circumstances;
  3. Registered state warrants or treasury notes or bonds of this state, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by this state or by a department, board, agency, or authority of this state.
  4. Bonds, notes, warrants, or other evidences of indebtedness of any local agency within this state, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled or operated by the local agency, or by a department, board, agency, or authority of the local agency.

5. Bankers acceptances (otherwise known as bills of exchange or time drafts) that are drawn on and accepted by a commercial bank which are eligible for purchase by the Federal Reserve System. Such banker's acceptances may not exceed 180 days maturity. No more than forty percent (40%) of the District's money may be invested in such banker's acceptances. No more than thirty percent (30%) of the District's money may be invested in the banker's acceptances of any one commercial bank. The commercial bank shall have the highest short-term letter and numerical rating as provided by Moody's Investors Service, Inc. ("Moody's") or Standard & Poor's Rating Agency ("Standard & Poor's");
6. Commercial paper of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a nationally recognized statistical-rating organization (NRSRO). The entity that issues the commercial paper shall meet all of the following conditions in either paragraph (a) or paragraph (b):
  - (a) The entity is organized and operating in the United States as a general corporation, and has total assets in excess of \$500 million, and has debt other than commercial paper, if any, that is rated "A" or higher by a NRSRO.
  - (b) The entity is organized within the United States as a special purpose corporation, trust, or limited liability company, has a program wide credit enhancements including, but not limited to, over collateralization, letters of credit or surety bond, and has commercial paper that is rated "A-1" or higher, or the equivalent by an NRSRO.

Commercial paper shall have a maximum maturity of 270 days or less. The District may invest no more than twenty-five percent (25%) of its money in such commercial paper. The District may purchase no more than ten percent (10%) of the outstanding commercial paper of any single issuer;

7. Repurchase agreements with respect to securities described in paragraphs (i) and (ii) above provided that the term of any such repurchase agreement shall be one year or less. A repurchase agreement means a purchase of securities by the District pursuant to an agreement by which the seller will repurchase the securities on or before a specific date at an agreed upon price, thereby establishing the yield during the District's holding period. The yield established for the repurchase agreement is determined by current short-term rates and may be more or less than the interest rate on the underlying securities. The securities underlying a repurchase agreement is, in effect, collateral under the agreement and the securities shall be (otherwise known as bills of exchange or time drafts) delivered to the District by book entry, physical delivery or by third-party custodial agreement. At the time a repurchase agreement is made, the underlying securities shall be valued at one hundred and two percent (102%) or greater of the repurchase price. If an agreement is in effect for more than one day, and, in the event their value drops below one hundred and two percent (102%) of the repurchase price, the seller to the repurchase

agreement shall provide additional securities or money within one business day so that the value of the collateral is not less than one hundred and two percent (102%) of the repurchase price. At the expiration of each agreement, the District receives payment of the repurchase price as a condition for the transfer of the underlying securities back to the Seller;

8. Negotiable certificates of deposit issued by a nationally or state-chartered bank or a state or federal savings association (as defined in Section 5102 of the California Financial Code) a state or federal credit union, or by a state-licensed branch of a foreign bank. Purchases of negotiable certificates of deposit may not exceed thirty percent (30%) of the District's money which may be invested pursuant to this section. The District is prohibited from investing the District's funds, or funds in the custody of the District, in negotiable certificates of deposit issued by a state or federal credit union if a member of the District's Board of Directors, or any person with investment decision making authority with the District, also serves on the Board of Directors, or any committee appointed by the Board of Directors, or the credit committee or the supervisory committee of the state or federal credit union issuing the negotiable certificates of deposit.
9. Shares of beneficial interest issued by diversified management companies (also known as mutual fund companies) that invest in the securities and obligations as authorized by Government Code, Section 53601(a) to (j), (m) and (n) and that comply with investment restrictions contained in Government Code, Section 53630, et. seq. However, a county or party to a reverse repurchase agreement or securities lending agreement is not required to be a primary dealer of the Federal Reserve Bank of New York if the diversified management company's board of directors finds that the counterparty presents a minimal risk of default, and the value of the securities underlying a repurchase agreement or securities lending agreement may be 100% of the sales price of the securities are marked to market daily. The diversified management company in this section shall have attained the highest ranking or the highest letter and numerical ranking provided by not less than 2 NRSROs. The purchase price of shares of beneficial interest shall not include any commission or load that the company may charge and shall not exceed twenty percent (20%) of the District's money that may be invested pursuant to this Statement of Investment Policy. No more than ten percent (10%) of the District's money may be invested in shares of any one mutual fund referenced in this paragraph (ix);
10. Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission under the Investment Company Act of 1940 (15 U.S.C. Sec. 80(a-l et seq.). The diversified management company shall have attained the highest ranking or the highest letter in numerical ranking provided by no less than 2 NRSROs. The purchase price of shares of beneficial interest shall not include any commission or load that the companies may charge and shall not exceed twenty percent (20%) of the District's money that may be invested pursuant to this Statement of Investment Policy.



**7) Nondiscrimination**

Investments shall not knowingly be made in any institution that practices or supports directly or indirectly through its actions discrimination on the basis of race, religion, color, creed, national or ethnic origin, age, gender, or physical disability.

**8) Maximum Maturity**

Investment maturities shall be based on a review of cash flow forecasts. Maturities will be scheduled so as to permit the District to meet all projected obligations. No investment shall be made in any security, other than a security underlying a repurchase or reverse repurchase agreement that at the time of the investment has a term remaining to maturity in excess of five years.

**9) Ineligible Investments**

Any security type or structure not specifically approved by this policy and investment instructions is specifically prohibited. Security types that are thereby prohibited to be purchased include, but are not limited to:

- A. Complex derivative structures such as range notes, inverse floaters, or any other complex variable rate or structure note.
- B. Interest-only strips that are derived from a pool of mortgages, or any security that could result in zero interest accrual if held to maturity.

**10) Sales Prior to Maturity**

Sales prior to maturity are permitted. It is also recognized that in a changing interest rate environment, it may be financially advantageous to sell investments at a book value loss in order to reinvest in a more profitable security.

**11) Reporting**

The District Investment Officer shall render to the Board of Directors a monthly report which shall include the following information for investments:

- Distribution of funds within all financial accounts maintained by the District;<sup>1</sup>
- Summary of investments including the types of investments, maturity date, yield, costs and market value;<sup>2</sup>
- Detailed money market investment account activity associated with the purchase of U.S. Treasuries;<sup>2</sup>
- The current balance, accrued interest and historical effective yield of funds managed by the Local Agency Investment Fund (LAIF).<sup>2</sup>

The monthly report shall also:

- A. State compliance of the portfolio to this Investment Policy and State law, or state the manner in which the portfolio is not in compliance.

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<sup>1</sup> This report component is contained within the monthly Unaudited Financial Report.

<sup>2</sup> This report component is contained within the Investment Summary of the monthly Unaudited Financial Report.



- B. Include a description of any of the District's funds, investments or programs that are under management of contracted parties, including lending programs.
- C. Include a statement denoting the ability of the District to meet its expenditure requirements of the next six months, or provide an explanation as to why sufficient money shall, or may, not be available.

The District Investment Officer shall annually render to the Board of Directors a Statement of Investment Policy, which the Board of Directors shall consider at a public meeting.

## **12) Interest Allocation**

The Investment Officer shall allocate interest pursuant to an Interest Allocation Schedule. A list of funds eligible to receive interest shall be maintained by the District Investment Officer.



**Date:** January 6, 2016

**Prepared By:** Joseph Zoba, General Manager

**Subject:** Adoption of Resolution No. 2016-02 Appointing a Corporate Representative to Small Claims Court

**Recommendation:** That the Board adopts Resolution No. 2016-02.

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Every year the Board of Directors updates and adopts a resolution appointing representatives to act on behalf of the District in small claims court.

The District staff recommends the following individuals be assigned to represent the District in small claims court: Joseph Zoba; Jack Nelson; Brent Anton; Vicky Elisalda; Peggy Little; and Chelsie Fogus.

**RESOLUTION NO. 2016-02**

**A RESOLUTION APPOINTING A CORPORATE REPRESENTATIVE TO SMALL CLAIMS COURT**

UNREPRESENTED PARTY <i>(Name and Address)</i> <b>Yucaipa Valley Water District</b> <b>12770 Second Street, Yucaipa, California 92399</b>	TELEPHONE NUMBER <b>(909) 797-5119</b>	FOR COURT USE ONLY
NAME OF COURT: <b>Superior Court, Small Claims Division</b>		
STREET ADDRESS:		
MAILING ADDRESS:		
CITY AND ZIP CODE:		
BRANCH NAME:		
PLAINTIFF: <b>Not Applicable</b>		CASE NUMBER:
DEFENDANT: <b>Not Applicable</b>		
<b>RESOLUTION - APPOINTING A CORPORATE REPRESENTATIVE</b>		

It appearing to the Board of Directors of the Yucaipa Valley Water District, a corporation qualified to do business in the State of California, that it is desirable and necessary to appoint an officer/employee of this corporation to act for and in its behalf in the Small Claims Court.

And it further appearing that Joseph B. Zoba, John F. Nelson, Brent Anton, Vicky Elisalda, Peggy Little, and Chelsie Fogus as an officer/employee of Yucaipa Valley Water District is a suitable individual for such appointment; and said officer/employee is not employed solely for the purpose of representing said corporation.

Be it resolved that Joseph B. Zoba, and/or John F. Nelson, and/or Brent Anton, and/or Vicky Elisalda, and/or Peggy Little, and/or Chelsie Fogus is/are appointed to represent and appear for said corporation in the lawful process of any and all claims filed in said court, and is further authorized and empowered to accept service of process issued by said court, for and on behalf of said corporation.

I certify that the foregoing resolution was adopted by the Board of Directors of the Yucaipa Valley Water District, at a regular meeting held on January 6, 2015.

\_\_\_\_\_  
Lonni Granlund, President

(SEAL)

\_\_\_\_\_  
Joseph B. Zoba, Secretary

THE LOCAL BUSINESS ADDRESS OF SAID CORPORATION IS:  
**Yucaipa Valley Water District**  
**12770 Second Street,**  
**Yucaipa, California 92399**

\_\_\_\_\_  
SIGNATURE OF AGENT SO APPOINTED

\_\_\_\_\_  
NAME AND TITLE OF AGENT SO APPOINTED



**Date:** January 6, 2016

**Prepared By:** Joseph Zoba, General Manager

**Subject:** Reimbursement Policy and Compensation Paid to Members of the Board of Directors Pursuant to Assembly Bill No. 1234

**Recommendation:** That the Board either: (1) takes no action which would provide for a five percent increase; or (2) adopts the Resolution No. 2016-03 to defer increased compensation in accordance with Ordinance No. 53-2007.

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On March 21, 2007, the Board adopted Resolution No. 10-2007 and Ordinance No. 53-2007. These actions updated the policy of reimbursement and compensation paid to the members of the Board of Directors in a manner consistent with Assembly Bill No. 1234. Both the resolution and ordinance are attached for your review.

In January of each year, District staff presents Ordinance No. 53-2007 and Resolution No. 10-2007 to determine if any changes are required.

Pursuant to the attached Ordinance and Resolution, the Board is requested to make a decision regarding the rate of compensation received by board members for attending District related meetings and functions. Based on the reimbursement and compensation policy, the Board has two alternatives to address the rate of compensation.

Alternative 1 – No Director Fee Increase. Attached is Resolution No. 2016-03 which, if adopted by the Board of Directors, would maintain the rate of compensation paid to board members at the current rate of \$134.02 per day for each day's attendance at meetings as defined in Section 1(d) of Ordinance No. 53-2007. This daily rate is not to exceed ten days per month.

Alternative 2 – Automatic Director Fee Increase. By not taking action (procedurally this is accomplished by no motion for action being made at the board meeting, or by Resolution No. 2016-03 failing to be approved), the provision in Section 2 of Ordinance No. 53-2007 will apply which states, "...each calendar year following the adoption of this Ordinance, the compensation which may be received by members of the Board of Directors shall automatically be increased by 5% per calendar year beginning in January 2008, unless the Board of Directors by resolution elects not to receive an increase. Action by the Board of Directors to make such an election not to receive an increase in any one year will not affect the automatic increase the following calendar year". Therefore, by taking no action compensation paid to board members will be increased from \$134.02 to \$140.72 per day for each day's attendance at meetings as defined in Section 1(d) of Ordinance No. 53-2007.

### Financial Implications

On average, a board member typically seeks reimbursement for four to five meeting-days per month out of the maximum of ten permitted meeting days per month.

Based on attending an average of five meetings per month, the cost per board member at the current rate of \$134.02 per meeting-day is \$670.10 per board member per month, or \$8,041.20 per board member per year. The maximum annual meeting reimbursement amount at ten meeting-days per month would be \$16,082.40 per board member.

If the automatic increase takes effect, the current rate of \$134.02 would be increased to \$140.72 per day for each day's attendance at meetings. Based on attending five meetings per month, the cost per board member at a rate of \$140.72 per meeting-day is \$703.60 per board member per month, or \$8,443.20 per board member per year. The maximum annual meeting reimbursement amount at ten meeting-days per month would be \$16,886.40 per board member.

**RESOLUTION NO. 10-2007****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
YUCAIPA VALLEY WATER DISTRICT  
UPDATING THE POLICY FOR REIMBURSEMENT OF ACTUAL  
AND NECESSARY EXPENSES OF THE BOARD OF DIRECTORS**

WHEREAS, the Yucaipa Valley Water District (the "District") is a public agency of the State of California organized and existing pursuant to the County Water District Law of this State (Section 30000, et seq., of the Water Code); and

WHEREAS, as authorized by Water Code, Sections 30507 and 71255 the District has previously authorized reimbursement to its Board members of their actual, necessary and reasonable expenses incurred in the performance of their official duties in attending Board meetings, committee meetings, workshops, educational special district workshops and related occurrences; and

WHEREAS, the Legislature has enacted effective January 1, 2006, AB 1234 amending existing statutes and adding additional statutes requiring that local public agencies adopt a written policy concerning the District's reimbursement of the actual and necessary expenses of Board members in the performance of their official duties for the District; and

WHEREAS, AB 1234 also requires a written policy for the payment of per day compensation to Board members for meetings other than those of the Board, its Board workshop, Board committees, an advisory body of the Board and conferences and educational activities; and

WHEREAS, AB 1234 also requires that any Board member who receives any form of compensation from the District is required to attend at least two (2) hours of ethics training every two (2) years.

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

1. Additional Compensable Meetings. As permitted by Government Code, Section 53232.1(d) the per day compensation authorized by Ordinance No. 53-2007 shall also be paid for a Board member's attendance at a meeting of South Mesa Mutual Water Company or Western Heights Mutual Water Company, an association or organization related to the services provided by the District, any meeting or hearing of any joint powers authority, local, state or federal agency or any board, commission, committee or department thereof, and any tours, field trips or informal business meetings with District staff in the performance of the official duties of the Board of Directors; provided, however, that the total number of compensable days in any calendar month for all meetings attended by a Board member shall not exceed the maximum set forth in the District's Ordinance No. 53-2007.

2. Reimbursable Expenses of Board Members. As authorized by Government Code, Section 53232.2 the following actual and necessary expenses incurred by Board members in the performance of their official duties shall be reimbursed by the District:

(a) Mileage at the rate established by the Internal Revenue Service to and from all Meetings as defined by the District's Ordinance No. 53-2007 and this Resolution;

(b) Other actual, necessary and reasonable travel and meal expenses incurred by a Board member in attending such Meetings with detailed receipts;

(c) Lodging costs, in connection with a conference or organized educational activity conducted in compliance with the Brown Act, including but not limited to the ethics training in Section 4 below, shall not exceed the maximum group rate published by the conference or activity sponsor or if no group rate is provided then the lodging cost shall not exceed the government and group rates offered by a provider of transportation or lodging services for travel and lodging when available.


3. Expense Report Requirements. The District shall provide written expense report forms to be filed by the District's Board members for reimbursement of actual and necessary expenses incurred on behalf of the District in performance of official duties. Such filings shall include all receipts for such expenses. Reimbursable expenses to be reported shall include, but not be limited to, mileage, meals, lodging and other travel-related expenses. All such expense reports shall constitute public records under the California Public Records Act. The District Board member shall provide brief oral reports on meetings attended at the expense of the District at the next regular meeting of the District's Board of Directors.

4. Ethics Training. Pursuant to Government Code, Section 53234 each Board member shall attend at least two (2) hours of ethics training every two (2) years at the expense of the District. Such ethics training must be approved or authorized by the California Attorney General's Office and the Fair Political Practices Commission. Written proof of such ethics training must be filed by each Board member with the District and the District shall retain records of such ethics training for at least five (5) years after the Board member receives such training.

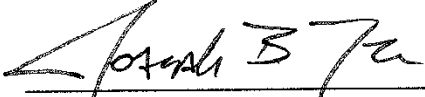
5. Effective Date. This Resolution shall be effective March 21, 2007, and hereby supersedes Resolution No. 36-2005.

Adopted this 21<sup>st</sup> day of March 2007.

YUCAIPA VALLEY WATER DISTRICT

By   
THOMAS SHALOUB, President of the Board of Directors

ATTESTED:

  
Secretary of the Board

**ORDINANCE NO. 53-2007****AN ORDINANCE OF THE YUCAIPA VALLEY WATER DISTRICT  
UPDATING THE REIMBURSEMENT POLICY AND COMPENSATION PAID  
TO MEMBERS OF THE BOARD OF DIRECTORS PER ASSEMBLY BILL 1234**

WHEREAS, Yucaipa Valley Water District (the "District") is a public agency of the State of California organized and existing pursuant to the County Water District Law of this State (Section 30000 et seq. of the Water Code); and

WHEREAS, by Resolution No. 3-1978 adopted on January 25, 1978, the Board of Directors authorized compensation to be paid to each Director of the Board of Directors for each day's attendance at meetings of the Board of Directors and for each day's service rendered as a Director at the request of the Board of Directors; and

WHEREAS, by minute action on June 23, 1982, consistent with Water Code, Section 30507, the Board of Directors increased that per day compensation to \$100.00 per day; and

WHEREAS, as authorized by Water Code, Sections 30507 and 71255 the District has previously authorized reimbursement to its Board members of their actual, necessary and reasonable expenses incurred in the performance of their official duties in attending Board meetings, committee meetings, workshops, educational special district workshops and related occurrences; and

WHEREAS, by Ordinance No. 51-2005 adopted on December 21, 2005, the Board of Directors increased the per day compensation for each of the Directors to \$105.00 per day and also updated the reimbursement and compensation policy consistent with AB 1234 enacted effective January 1, 2006; and

WHEREAS, the Board of Directors desires to increase the per day compensation by 5% to \$110.25 and to provide for automatic annual compensation increases of no more than 5% per year beginning in January of each year following the adoption of this Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the Board of Directors of the Yucaipa Valley Water District, as follows:

Section 1. Definitions:

(a) "Day's attendance" shall mean attendance at any Meeting as defined in Section 1(d) below.

(b) "Day's service" shall mean service rendered by a Director without regard to the length of time of such service.

(c) "Expenses" shall mean those actual and necessary out-of-pocket expenses incurred by a Director incident to or arising from a day's attendance at meetings or a day's service rendered.

(d) "Meeting" shall mean a meeting of the Board of Directors, including Board workshops and Board-created Committee meetings, advisory body or a conference or




organized educational activity all of which are authorized "meetings" under Government Code, Section 53232.1(a), and any other meeting or occurrence authorized by a written resolution adopted by the Board of Directors in a public meeting.

Section 2. Compensation and Annual Increases: Each Director shall receive compensation in the amount of \$110.25 per day for each day's attendance at Meetings as defined in Section 1(d) above not to exceed a total of ten (10) days in any calendar month, together with any expenses authorized by a resolution establishing the policy for the reimbursement of such actual and necessary expenses incurred in the performance of the official duties of the Board of Directors. Each calendar year following the adoption of this Ordinance, the compensation which may be received by members of the Board of Directors shall automatically be increased by 5% per calendar year beginning in January 2008, unless the Board of Directors by resolution elects not to receive such an increase. Action by the Board of Directors to make such an election not to receive an increase in any one year will not affect the automatic increase the following calendar year.


Section 3. Effective Date: In accordance with Section 20204 of the Water Code, this Ordinance shall become effective sixty (60) days from the date of its passage. This Ordinance hereby supersedes Ordinance No. 51-2005.

Adopted and enacted this 21<sup>st</sup> day of March, 2007.

YUCAIPA VALLEY WATER DISTRICT

By   
THOMAS SHALOUB, President of the  
Board of Directors

ATTESTED:

  
Secretary of the Board

**RESOLUTION NO. 2016-03**

**RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT  
ELECTING NOT TO INCREASE THE COMPENSATION  
FOR THE BOARD OF DIRECTORS IN CALENDAR YEAR 2016**

**WHEREAS**, on March 21, 2007, the Board of Directors adopted Ordinance No. 53, 2007 which updated the reimbursement policy and compensation paid to members of the Board of Directors pursuant to Assembly Bill No. 1234; and

**WHEREAS**, each member of the Board of Directors is currently compensated at a rate of \$134.02 per day for each day's attendance at meetings as defined in Section 1(d) of Ordinance No. 53-2007.

**NOW, THEREFORE, BE IT HEREBY RESOLVED AND ORDERED**, that the Board of Directors of the Yucaipa Valley Water District does hereby determine that the rate of compensation shall remain at \$134.02 per day for each day's attendance at meetings for calendar year 2016.

PASSED, APPROVED and ADOPTED this 6<sup>th</sup> day of January 2016.

YUCAIPA VALLEY WATER DISTRICT

ATTEST:

\_\_\_\_\_  
Lonni Granlund, President Board of Directors

\_\_\_\_\_  
Joseph B. Zoba, General Manager



## Director Memorandum 16-004

**Date:** January 6, 2016

**Prepared By:** Joseph Zoba, General Manager  
Vicky Elisalda, Controller  
Sara Onate, Administrative Clerk IV

**Subject:** Adoption of Resolutions Electing to be Subject to the Public Employees' Medical and Hospital Care Act at Unequal Amounts for Employees and Annuitants with Respect to Recognized Employee Organizations

**Recommendation:** That the Board of Directors adopt the standardized CalPERS resolutions as follows: Resolution No. 2016-04 for General Employees; Resolution No. 2016-05 for Supervisory Employees; Resolution No. 2016-06 for Management Employees; and Resolution No. 2016-07 for the Board of Directors.

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On January 1, 2016, provisions of the Affordable Health Care Act (ACA), or Covered California for California residents, takes effect and will directly impact the existing medical coverage plan of the Yucaipa Valley Water District. The District staff has been analyzing various options for medical insurance. These options were presented at the board workshop on October 27, 2015 [Workshop Memorandum No. 15-241] and at the regular board meeting on December 2, 2015 [Director Memorandum No. 15-110].

The adoption of the attached resolutions do not alter the bargaining group agreements currently in effect. It simply provides comparable medical coverage from a larger pool of recipients which is expected to stabilize costs for both the District and the employees.

Additionally, section 6b of each resolution requires the District to pay up to the PEMHCA minimum for each employee. Based on the existing contribution by the District for medical insurance, this requirement is fulfilled. Information about the rate of growth for the PEMHCA minimum is provided on pages 4-5 for your information.

9/11/2015

<b>Monthly Premiums for Contracting Agencies</b> <b>Los Angeles Area Region</b> Los Angeles, San Bernardino, Ventura <b>Effective Date: 1/1/2016 - 12/31/2016</b> <b>Basic Monthly Rate (B)</b>										
PLAN	If you are ⇒	Employee Only	Plan Code	Party Code	Employee & 1 Dependent	Plan Code	Party Code	Employee & 2+ Dependents	Plan Code	Party Code
Anthem HMO Select		\$543.47	413	1	\$1,086.94	413	2	\$1,413.02	413	3
Anthem HMO Traditional		610.64	402	1	1,221.28	402	2	1,587.66	402	3
BSC Access+		566.53	144	1	1,133.06	144	2	1,472.98	144	3
BSC NetValue		576.46	062	1	1,152.92	062	2	1,498.80	062	3
Health Net Salud y Más		466.11	443	1	932.22	443	2	1,211.89	443	3
Health Net SmartCare		585.39	408	1	1,170.78	408	2	1,522.01	408	3
Kaiser Permanente		543.83	306	1	1,087.66	306	2	1,413.96	306	3
PERS Choice		598.75	321	1	1,197.50	321	2	1,556.75	321	3
PERS Select		547.55	080	1	1,095.10	080	2	1,423.63	080	3
PERSCare		666.91	326	1	1,333.82	326	2	1,733.97	326	3
PORAC		699.00	207	1	1,399.00	207	2	1,789.00	207	3
UnitedHealthcare		492.24	428	1	984.48	428	2	1279.82	428	3
<b>Supplement/Managed Medicare Monthly Rate (M)</b>										
PLAN	If you are ⇒	Employee Only	Plan Code	Party Code	Employee & 1 Dependent	Plan Code	Party Code	Employee & 2+ Dependents	Plan Code	Party Code
Kaiser Permanente SR Adv		\$297.23	316	1	\$594.46	316	2	\$891.69	316	3
PERS Choice Med Supp		366.38	331	1	732.76	331	2	1,099.14	331	3
PERS Select Med Supp		366.38	081	1	732.76	081	2	1,099.14	081	3
PERSCare Med Supp		408.04	336	1	816.08	336	2	1,224.12	336	3
PORAC Med Supp		442.00	208	1	881.00	208	2	1,408.00	208	3
UnitedHealthcare		320.98	382	1	641.96	382	2	962.94	382	3
Group Med Adv/PPO Health Only		320.98	383	1	641.96	383	2	962.94	383	3
UnitedHealthcare <sup>1</sup>		320.98	383	1	641.96	383	2	962.94	383	3
Group Med Adv/PPO Health/Dental/Vision		320.98	383	1	641.96	383	2	962.94	383	3
<b>Combination Monthly Rate</b>										
PLAN	If you are ⇒	Employee in M 1 Dependent in B	Plan Code	Party Code	Employee in M 2+ Dependents in B	Plan Code	Party Code	Employee in M & 1 Dependent in M 1+ Dependents in B	Plan Code	Party Code
Kaiser Permanente/Sr Adv		\$841.06	342	4	\$1,167.36	342	5	\$920.76	342	6
PERS Choice/Med Supp		965.13	347	4	1,324.38	347	5	1,092.01	347	6
PERS Select/Med Supp		913.93	353	4	1,242.46	353	5	1,061.29	353	6
PERSCare/Med Supp		1,074.95	358	4	1,475.10	358	5	1,216.23	358	6
PORAC/Med Supp		1,142.00	158	4	1,532.00	158	5	1,271.00	158	6
UnitedHealthcare		813.22	369	4	1,108.56	369	5	937.30	369	6
Group Med Adv/PPO Health Only		813.22	369	4	1,108.56	369	5	937.30	369	6
UnitedHealthcare <sup>1</sup>		813.22	370	4	1,108.56	370	5	937.30	370	6
Group Med Adv/PPO Health/Dental/Vision		813.22	370	4	1,108.56	370	5	937.30	370	6

B=Basic Health Plan, M=Medicare Health Plan

<sup>1</sup>Dental and Vision coverage is an additional \$26.32 per member, per month premium. UnitedHealthcare will bill you directly for this amount

9/11/2015

<b>Monthly Premiums for Contracting Agencies</b> <b>Los Angeles Area Region</b> Los Angeles, San Bernardino, Ventura <b>Effective Date: 1/1/2016 - 12/31/2016</b> <b>Combination Monthly Rate</b>										
PLAN	If you are ⇒	Employee in B 1 Dependent in M	Plan Code	Party Code	Employee in B 2+ Dependents in M	Plan Code	Party Code	Employee in B & 1 Dependent in B 1+ Dependents in M	Plan Code	Party Code
Kaiser Permanente/Sr Adv		\$841.06	342	7	\$1,138.29	342	8	\$1,167.36	342	9
PERS Choice/Med Supp		965.13	347	7	1,331.51	347	8	1,324.38	347	9
PERS Select/Med Supp		913.93	353	7	1,280.31	353	8	1,242.46	353	9
PERSCare/Med Supp		1,074.95	358	7	1,482.99	358	8	1,475.10	358	9
PORAC/Med Supp		1,138.00	158	7	1,665.00	158	8	1,528.00	158	9
UnitedHealthcare Group Med Adv/PPO Health Only		813.22	369	7	1,134.20	369	8	1,108.56	369	9
UnitedHealthcare <sup>1</sup> Group Med Adv/PPO Health/Dental/Vision		813.22	370	7	1,134.20	370	8	1,108.56	370	9

B=Basic Health Plan, M=Medicare Health Plan

<sup>1</sup>Dental and Vision coverage is an additional \$26.32 per member, per month premium. UnitedHealthcare will bill you directly for this amount

Page 2 of 2



**California Public Employees' Retirement System**  
 P.O. Box 942715  
 Sacramento, CA 94229-2715  
**(888) CalPERS** (or 888-225-7377)  
 TTY: (877) 249-7442  
[www.calpers.ca.gov](http://www.calpers.ca.gov)

Reference No.:  
 Circular Letter No.: 600-012-15  
 Distribution: VII  
 Special:

## Circular Letter

April 13, 2015

**TO: CONTRACTING AGENCY HEALTH BENEFITS OFFICERS AND ASSISTANT HEALTH BENEFITS OFFICERS**

**SUBJECT: CONTRACTING AGENCY MINIMUM EMPLOYER CONTRIBUTION CALCULATION FOR 2016**

**Background** The purpose of this Circular Letter is to inform contracting Public Agencies and Schools of the new minimum employer health contribution for 2016. Employers do not need to take action unless they wish to make a change to their current contribution method.

The Minimum Employer Contribution amount is prescribed by Government Code Section 22892 of the Public Employees Medical and Hospital Care Act (PEMHCA)<sup>1</sup>. Contracting agencies that have designated the PEMHCA Minimum as their contribution will have their employer billing updated automatically to reflect the new amount effective January 1, 2016.

The Minimum Employer Contribution was originally established as a specific dollar value with specified increases from calendar years 2004 through 2008. Starting in calendar year 2009, the calculated adjustments are based upon the medical care component of the Consumer Price Index-Urban (CPI-U).

California Government Code 22892 of the PEMHCA establishes the contracting agencies' minimum health premium contribution for their participating active membership. In addition, this section provides that "commencing January 1, 2009, the employer contribution shall be adjusted annually by the board to reflect any changes in the medical care component of the CPI-U and shall be rounded to the nearest dollar."

The table below displays annual increases of the Minimum Employer Contribution for active members.

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<sup>1</sup> California Government Code § 20000, et seq.

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 April 13, 2015  
 Page 2

Minimum Employer Contribution by Calendar Year	
Calendar Year	Employer Contribution
2012	\$112.00
2013	\$115.00
2014	\$119.00
2015	\$122.00
2016	\$125.00

**Inflation Rate Changes**

In January 2015, the US Bureau of Labor Statistics determined the annual percentage change in the medical care component of the CPI-U for 2014 was 2.4 percent.

The table below provides an inflation comparison of medical care rates.

Medical Care Inflation		
Year	Index	Percent
2010	388.436	3.4
2011	400.258	3.0
2012	414.924	3.7
2013	425.134	2.5
2014	435.292	2.4

**Calculation of the Minimum Employer Contribution**

Using the 2.4 percent increase in the medical care component of the CPI-U, the minimum employer contribution for Calendar Year 2016 is \$125.00. See calculation below.

$(\$122.00 \times 2.4\% = \$2.93 + \$122.00 = \$124.93, \text{ rounded to } \$125.00).$

**Questions**

If you have any questions about this Circular Letter, please call our CalPERS Customer Contact Center at **888 CalPERS** (or **888-225-7377**).

RENEE OSTRANDER, Chief  
 Employer Account Management Division

**RESOLUTION NO. Number**  
**ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT**  
**AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS**  
**WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION**

- WHEREAS, (1) A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, (2) Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, (3) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (4) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, (5) Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, (6) Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of General Employees the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, (a) Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, (b) That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further
- RESOLVED, (c) That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, (d) That the employer contribution for each annuitant shall be increased annually by

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five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;

And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further

RESOLVED, (e) Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further

RESOLVED, (f) That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.

RESOLVED, (g) That the executive body appoint and direct, and it does hereby appoint and direct, *Position Title or Name of Person* to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further

RESOLVED, (h) That coverage under the Act be effective on February 1, 2016.

Adopted at a regular or special meeting of the Yucaipa Valley Water District at Yucaipa, California, this 18th day of November, 2015.

Signed: \_\_\_\_\_  
(President, Chairman, etc.)

Attest: \_\_\_\_\_  
(Secretary or appropriate officer)

**RESOLUTION NO. Number**  
**ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT**  
**AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS**  
**WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION**

- WHEREAS, (1) A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, (2) Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, (3) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (4) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, (5) Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, (6) Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Supervisory and Confidential the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, (a) Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, (b) That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further
- RESOLVED, (c) That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, (d) That the employer contribution for each annuitant shall be increased annually by

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five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;

And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further

RESOLVED, (e) Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further

RESOLVED, (f) That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.

RESOLVED, (g) That the executive body appoint and direct, and it does hereby appoint and direct, Position Title or Name of Person to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further

RESOLVED, (h) That coverage under the Act be effective on February 1, 2016.

Adopted at a regular or special meeting of the Yucaipa Valley Water District at Yucaipa, California, this 18th day of November, 2015.

Signed: \_\_\_\_\_  
(President, Chairman, etc.)

Attest: \_\_\_\_\_  
(Secretary or appropriate officer)

**RESOLUTION NO. Number**  
**ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT**  
**AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS**  
**WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION**

- WHEREAS, (1) A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, (2) Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, (3) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (4) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, (5) Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, (6) Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Management the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, (a) Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, (b) That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further
- RESOLVED, (c) That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, (d) That the employer contribution for each annuitant shall be increased annually by

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five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;

And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further

RESOLVED, (e) Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further

RESOLVED, (f) That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.

RESOLVED, (g) That the executive body appoint and direct, and it does hereby appoint and direct, Position Title or Name of Person to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further

RESOLVED, (h) That coverage under the Act be effective on February 1, 2016.

Adopted at a regular or special meeting of the Yucaipa Valley Water District at Yucaipa, California, this 18th day of November, 2015.

Signed: \_\_\_\_\_  
(President, Chairman, etc.)

Attest: \_\_\_\_\_  
(Secretary or appropriate officer)

**RESOLUTION NO. Number**  
**ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT**  
**AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS**  
**WITH RESPECT TO A RECOGNIZED EMPLOYEE ORGANIZATION**

- WHEREAS, (1) A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, (2) Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, (3) Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, (4) Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, (5) Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, (6) Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Board of Directors the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, (a) Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, (b) That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further
- RESOLVED, (c) That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, (d) That the employer contribution for each annuitant shall be increased annually by

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five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;

And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further

RESOLVED, (e) Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further

RESOLVED, (f) That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer.

RESOLVED, (g) That the executive body appoint and direct, and it does hereby appoint and direct, Position Title or Name of Person to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further

RESOLVED, (h) That coverage under the Act be effective on February 1, 2016.

Adopted at a regular or special meeting of the Yucaipa Valley Water District at Yucaipa, California, this 18th day of November, 2015.

Signed: \_\_\_\_\_  
(President, Chairman, etc.)

Attest: \_\_\_\_\_  
(Secretary or appropriate officer)

**RESOLUTION NO. 2016-04****ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT  
AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS WITH RESPECT TO A  
RECOGNIZED EMPLOYEE ORGANIZATION - GENERAL EMPLOYEE BARGAINING GROUP**

- WHEREAS, A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of General Employees the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further. The employer contribution as between it and its employees is capped at a maximum amount and any cost of enrollment in excess of that maximum amount is contributed by each affected employee; and be it further



- RESOLVED, That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, That the employer contribution for each annuitant shall be increased annually by five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;
- And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further
- RESOLVED, Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer; and be it further
- RESOLVED, That the executive body appoint and direct, and it does hereby appoint and direct, the General Manager to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further
- RESOLVED, That coverage under the Act be effective on April 1, 2016.

Adopted at a regular meeting of the Yucaipa Valley Water District at Yucaipa, California, this 6<sup>th</sup> day of January, 2016.

YUCAIPA VALLEY WATER DISTRICT

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Lonni Granlund, President Board of Directors

ATTEST:

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Joseph B. Zoba, General Manager

**RESOLUTION NO. 2016-05****ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT  
AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS WITH RESPECT TO A  
RECOGNIZED EMPLOYEE ORGANIZATION - MANAGEMENT - SUPERVISORY EMPLOYEES**

- WHEREAS, A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Management - Supervisory Employees the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further. The employer contribution as between it and its employees is capped at a maximum amount and any cost of enrollment in excess of that maximum amount is contributed by each affected employee; and be it further

RESOLVED, That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further

RESOLVED, That the employer contribution for each annuitant shall be increased annually by five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;

And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further

RESOLVED, Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further

RESOLVED, That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer; and be it further

RESOLVED, That the executive body appoint and direct, and it does hereby appoint and direct, the General Manager to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further

RESOLVED, That coverage under the Act be effective on April 1, 2016.

Adopted at a regular meeting of the Yucaipa Valley Water District at Yucaipa, California, this 6<sup>th</sup> day of January 2016.

YUCAIPA VALLEY WATER DISTRICT

\_\_\_\_\_  
Lonni Granlund, President Board of Directors

ATTEST:

\_\_\_\_\_  
Joseph B. Zoba, General Manager

**RESOLUTION NO. 2016-06****ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT  
AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS WITH RESPECT TO A  
RECOGNIZED EMPLOYEE ORGANIZATION - MANAGEMENT - EXEMPT EMPLOYEES**

- WHEREAS, A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Management - Exempt Employees the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further. The employer contribution as between it and its employees is capped at a maximum amount and any cost of enrollment in excess of that maximum amount is contributed by each affected employee; and be it further

- RESOLVED, That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, That the employer contribution for each annuitant shall be increased annually by five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;
- And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further
- RESOLVED, Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer; and be it further
- RESOLVED, That the executive body appoint and direct, and it does hereby appoint and direct, the General Manager to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further
- RESOLVED, That coverage under the Act be effective on April 1, 2016.

Adopted at a regular meeting of the Yucaipa Valley Water District at Yucaipa, California, this 6<sup>th</sup> day of January, 2106.

YUCAIPA VALLEY WATER DISTRICT

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Lonni Granlund, President Board of Directors

ATTEST:

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Joseph B. Zoba, General Manager

**RESOLUTION NO. 2016-07****ELECTING TO BE SUBJECT TO THE PUBLIC EMPLOYEES' MEDICAL AND HOSPITAL CARE ACT  
AT UNEQUAL AMOUNTS FOR EMPLOYEES AND ANNUITANTS WITH RESPECT TO A  
RECOGNIZED EMPLOYEE ORGANIZATION - BOARD OF DIRECTORS**

- WHEREAS, A contracting agency meeting the eligibility requirements set forth in Government Code Section 22920, may obtain health benefit plan(s), as defined under Government Code Section 22777, by submitting a resolution to the Board of Administration of the California Public Employees' Retirement System (the "Board"), and upon approval of such resolution by the Board, become subject to the Public Employees' Medical and Hospital Care Act (the "Act"); and
- WHEREAS, Yucaipa Valley Water District is a contracting agency eligible to be subject to the Act under Government Code Section 22920; and
- WHEREAS, Government Code Section 22892(a) provides that a contracting agency subject to Act shall fix the amount of the employer contribution by resolution; and
- WHEREAS, Government Code Section 22892(b) provides that the employer contribution shall be an equal amount for both employees and annuitants, but may not be less than the amount prescribed by Section 22892(b) of the Act; and
- WHEREAS, Government Code Section 22892(c) provides that, notwithstanding Section 22892(b), a contracting agency may establish a lesser monthly employer contribution for annuitants than for employees, provided that the monthly employer contribution for annuitants is annually increased to equal an amount not less than the number of years the contracting agency has been subject to this subdivision multiplied by 5 percent of the current monthly employer contribution for employees, until such time as the amounts are equal; and
- WHEREAS, Yucaipa Valley Water District desires to obtain for its employees and annuitants who are members of Board of Directors the benefit of the Act and to accept the liabilities and obligations of an employer under the Act; now, therefore, be it
- RESOLVED, Yucaipa Valley Water District elects to be subject to the provisions of the Act; and be it further
- RESOLVED, That the employer contribution for each employee shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of the PEMHCA Minimum per month, and be it further. The employer contribution as between it and its employees is capped at a maximum amount and any cost of enrollment in excess of that maximum amount is contributed by each affected employee; and be it further

- RESOLVED, That the employer contribution for each annuitant shall be the amount necessary to pay the full cost of his/her enrollment, including the enrollment of family members, in a health benefits plan or plans up to a maximum of \$1.00 per month, and be it further
- RESOLVED, That the employer contribution for each annuitant shall be increased annually by five percent of the monthly contribution for employees, multiplied by the number of years the contracting agency has been subject to the Act, until such time as the contributions are equal;
- And that the contributions for employees and annuitants shall be in addition to those amounts contributed by the Public Agency for administrative fees and to the Contingency Reserve Fund; and be it further
- RESOLVED, Yucaipa Valley Water District has fully complied with any and all applicable provisions of Government Code Section 7507 in electing the benefits set forth above; and be it further
- RESOLVED, That the participation of the employees and annuitants of Yucaipa Valley Water District shall be subject to determination of its status as an "agency or instrumentality of the state or political subdivision of a State" that is eligible to participate in a governmental plan within the meaning of Section 414(d) of the Internal Revenue Code, upon publication of final Regulations pursuant to such Section. If it is determined that Yucaipa Valley Water District would not qualify as an agency or instrumentality of the state or political subdivision of a State under such final Regulations, CalPERS may be obligated, and reserves the right to terminate the health coverage of all participants of the employer; and be it further
- RESOLVED, That the executive body appoint and direct, and it does hereby appoint and direct, the General Manager to file with the Board a verified copy of this resolution, and to perform on behalf of Yucaipa Valley Water District all functions required of it under the Act; and be it further
- RESOLVED, That coverage under the Act be effective on April 1, 2016.

Adopted at a regular meeting of the Yucaipa Valley Water District at Yucaipa, California, this 6<sup>th</sup> day of January, 2016.

YUCAIPA VALLEY WATER DISTRICT

---

Lonni Granlund, President Board of Directors

ATTEST:

---

Joseph B. Zoba, General Manager



**Date:** January 6, 2016

**Prepared By:** Bob Wall, Operations Manager

**Subject:** Change Order No. 1 and Notice of Completion for the Annual Water Storage Reservoir Cleaning and Inspection Services by Workhorse Diving and Salvage

**Recommendation:** That the Board approves Change Order No. 1 for a decrease of \$315.00 and authorizes the filing of the Notice of Completion for the reservoir cleaning project.

At the regular board meeting on November 4, 2015, the Board of Directors awarded a contract to Workhorse Diving and Salvage for 40,850 [Director Memorandum No. 15-099].

Change Order No. 1 is a decrease of \$315.00 due to the reduction in filter bags needed for the project.

	Contract Changes	Contract Amount	Percentage Change from Original Bid Amount	Reference
Original Bid Amount		\$40,850.00	- -	DM 15-099
Change Order No. 1	(\$315.00)	\$40,535.00	0.01% decrease	DM 16-005

District staff recommends that the Board approves Change Order No. 1 for a decrease in the contract from \$40,850 to \$40,535.

The project is now complete and District staff recommends that the Board approves Change Order No. 1 and authorizes the filing of the Notice of Completion.

Financial Considerations:

Funding for this project will be from water depreciation reserves.



C.O. NO. 15-099

PAGE 1 OF 2

CONTRACT CHANGE ORDER NO. 1

CONTRACT Agreement for Services by Independent Contractor DATED 11-13-2015  
 BY AND BETWEEN Yucaipa Valley Water District (OWNER),  
 AND Workhorse Diving & Salvage (CONTRACTOR),  
 Is hereby directed to make the following change(s) in Contract Work:

ITEM NO.	DESCRIPTION OF CHANGE	DECREASE \$	INCREASE \$
1	Reduction in the amount of filter bags used from the original Contract amount ( original contract amount 16 bags, actual amount used 10), 6 X \$52.50 = \$315.00	\$315.00	

Total DECREASE in Contract Amount	<u>\$315.00</u>
Total INCREASE in Contract Amount	<u>                    </u>
Net change in Contract Amount	<u>\$315.00</u>
Contract Amount Prior to Change	<u>\$40,850.00</u>
Contract Amount Adjusted for Change	<u>\$40,535.00</u>

Rev 0614  
 2015 Reservoir Cleaning

Change Order Form S-1

CONTRACT CHANGE ORDER NO. 1

PAGE 2 OF 2

By reason of Change Order No. 1, time of completion shall be adjusted as follows:

N.A. Working Days. Adjusted Contract Completion Date shall be \_\_\_\_\_.

All provisions of the Contract shall apply hereto, and shall become effective when fully executed (signed and dated) by both parties.

Recommended by (Engineer) Bob Wall Date: 12-14-2015

Accepted by (Contractor) Sherry Johnston Date: 12-14-2015

Approved by (Owner) \_\_\_\_\_ Date: \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Date:** January 6, 2016

**Prepared By:** Joseph Zoba, General Manager

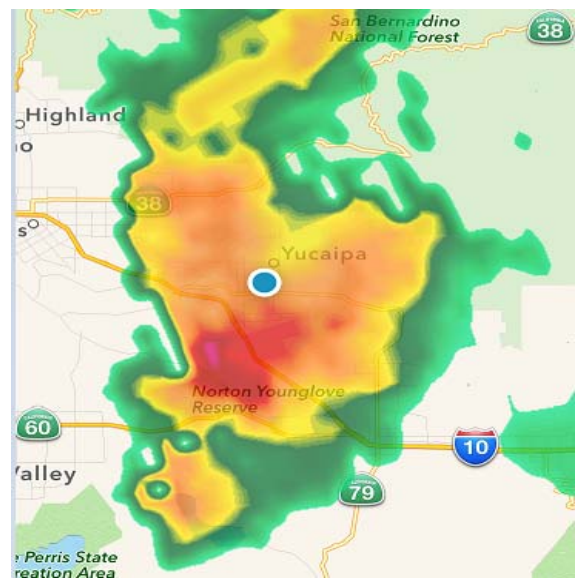
**Subject:** Overview of Operational Activities in Preparation for the Anticipated El Nino Weather Event in 2016

**Recommendation:** Pending.

On the afternoon of July 30, 2015, the City of Calimesa received over 1" of rain in a localized and concentrated storm cell. As reported by several news outlets, the area received extensive damage as a result of the storm. This rain system completely inundated the Yucaipa Valley Water District's Lift Station No. 2 with storm water.

On October 16, 2015, the District received correspondence from the Santa Ana Regional Water Quality Control Board regarding the anticipated El Nino event in 2016 (attached).

During this agenda item, the District staff will be discussing steps to prepare for the anticipated El Nino event this winter.



YVWD Lift Station No. 2

EDMUND G. BROWN JR.  
GOVERNORMATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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**Santa Ana Regional Water Quality Control Board**

October 16, 2015

By Electronic Mail

**Attention: Sewage Collection System Owners  
and Operators Enrolled Under the State Water  
Resources Control Board Order No. 2006-0003-DWQ****Subject: Collection System Preparation for Anticipated 2015-2016 El Nino Rainy  
Season**

The Santa Ana Regional Water Quality Control Board (Santa Ana Regional Board) is sending you this courtesy reminder to prepare your sanitary sewer collection system for the 2015-2016 rainy season.

As you know, municipalities and other public entities that own and operate a sewage collection system within the Santa Ana Regional Board jurisdiction (Region) are regulated under the Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer System, Order No. 2006-0003- DWQ<sup>1</sup> (General Order). The General Order prohibits the discharge of untreated or partially treated wastewater to the waters of the United States. The General Order also requires the development and implementation of sanitary sewer management plans (SSMPs) that contain requirements for operation and maintenance of collection systems and for reporting and mitigating sanitary sewer overflows (SSOs). Proper collection system operation and maintenance includes the periodic or continuing process to identify problems including proactive identification and elimination of inflow and infiltration and structural vulnerabilities to prevent or minimize SSOs during rain events.

For months, the National Oceanic and Atmospheric Administration (NOAA) has been predicting that El Nino, a condition that occurs when a band of warm ocean water develops in the Pacific Ocean that causes changes in rainfall, will continue through the Northern Hemisphere during the winter of 2015-2016. As with past El Nino years, this weather pattern has the potential to produce higher than average rainfall amounts in the Region.

Since the prediction for El Nino has been anticipated for quite some time, the Regional Board is notifying all Enrollees in the Region to ensure that necessary actions to prevent SSOs during the rainy season has been taken. You are reminded that failure to demonstrate that adequate preventative measures were taken that could have minimized or prevented a known or otherwise anticipated wet weather problem that resulted in an SSO may result in civil monetary penalties pursuant to the California Water Code.

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<sup>1</sup> As amended by Order Nos. 2008-0002-EXEC and 2013-0058-EXEC

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WILLIAM RUH, CHAIR | KURT V. BERCHTOLD, EXECUTIVE OFFICER

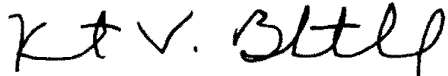
3737 Main St., Suite 500, Riverside, CA 92501 | [www.waterboards.ca.gov/santaana](http://www.waterboards.ca.gov/santaana)

♻️ RECYCLED PAPER

Page 2 of 2

We appreciate your urgent attention in this matter to protect public health and water quality. Should you have any questions or comments please contact the Regional Board staff assigned to your facility in the enclosed list.

Sincerely,

A handwritten signature in black ink, appearing to read "Kurt V. Berchtold". The signature is written in a cursive, somewhat stylized font.

Kurt V. Berchtold  
Executive Officer

Enclosure: List of Enrollees under Order No. 2006-0003-DWQ and Regional Board Staff Assignment

**2015-2016 El Nino Rainy Season Notice Mailing List  
Enrollees Under Order No. 2006-0003-DWQ and Regional Board Staff Contact**

<b>Agency</b>	<b>Contact</b>	<b>Email Address</b>	<b>Staff Assigned to Discharger/Facility</b>
CA Dept of Corrections & Rehab	David Huskey	david.huskey@cdcr.ca.gov	Kathleen Fong 951-774-0114
Corona City	Tom Moody	<a href="mailto:tom.moody@ci.corona.ca.us">tom.moody@ci.corona.ca.us</a>	<a href="mailto:kathleen.fong@waterboards.ca.gov">kathleen.fong@waterboards.ca.gov</a>
Eastern Municipal Water District	Jayne Joy	joyj@emwd.org	
Edgemont Community Services Dist	Jessica Pfalmer	jessicaecsd@yahoo.com	
Elsinore Valley MWD	John Vega	<a href="mailto:jvega@evmwd.net">jvega@evmwd.net</a>	
Elsinore Valley MWD	Dennis McBride	<a href="mailto:dmcbride@evmwd.net">dmcbride@evmwd.net</a>	
Hemet City	Victor Monz	<a href="mailto:vmonz@cityofhemet.org">vmonz@cityofhemet.org</a>	
Home Garden Sanitary District	Janey Gress	hgds@sbcglobal.net	
Idyllwild Water District	Tom Lynch	<a href="mailto:tom@idyllwildwater.com">tom@idyllwildwater.com</a>	
Lake Hemet Municipal Water District	Mike Gow	<a href="mailto:mgow@lhmwd.org">mgow@lhmwd.org</a>	
Lee Lake Water District	Jeff Pape	jeffp@llwd.org	
Norco City	Bill Thompson	bthompson@ci.norco.ca.us	
Perris City	Daryl Hartwill	dhartwill@cityofperris.org	

<b>Agency</b>	<b>Contact</b>	<b>Email Address</b>	<b>Staff Assigned to Discharger/Facility</b>
Beaumont City	Public Works	<a href="mailto:kdunbar@utilitypartnersllc.com">kdunbar@utilitypartnersllc.com</a>	Najah Amin 951-320-6362
CA State Parks Inland Empire District	Jerry Weatherman	<a href="mailto:jerry.weatherman@parks.ca.gov">jerry.weatherman@parks.ca.gov</a>	<a href="mailto:najah.amin@waterboards.ca.gov">najah.amin@waterboards.ca.gov</a>
Colton City	Gary Ethridge	<a href="mailto:gethridge@ci.colton.ca.us">gethridge@ci.colton.ca.us</a>	
CSU San Bernardino	Jon Mohoroski	<a href="mailto:jmohoros@csusb.edu">jmohoros@csusb.edu</a>	
East Valley Water District	Thomas R. Holliman	<a href="mailto:tholliman@eastvalley.org">tholliman@eastvalley.org</a>	
Grand Terrace City	Martin Guerrero	<a href="mailto:mguerrero@cityofgrandterrace.org">mguerrero@cityofgrandterrace.org</a>	
Jurupa Community Services District	Todd Corbin	<a href="mailto:tcorbin@jcsd.us">tcorbin@jcsd.us</a>	
Loma Linda City	Lynette Arreola	<a href="mailto:rhandy@lomalinda-ca.gov">rhandy@lomalinda-ca.gov</a>	
Patton State Hospital	Steve Nerkowski	<a href="mailto:steven.nerkowski@dsh.ca.gov">steven.nerkowski@dsh.ca.gov</a>	
Redlands City	Chris Diggs	<a href="mailto:cdiggs@cityofredlands.org">cdiggs@cityofredlands.org</a>	
Rialto City	Julie Carver	jcarver@rialto.ca.gov	
Riverside City	Regulatory Compliance	<a href="mailto:cjustice@riversideca.gov">cjustice@riversideca.gov</a>	
Rubidoux Community Services District	Brian Jennings	<a href="mailto:bjennings@rcsd.org">bjennings@rcsd.org</a>	
San Bernardino City Public Services	Randy Kuettle	kuettle_ra@sbcity.org	
San Bernardino Community College Distr	Kelly Goodrich	kgoodric@sbccd.cc.ca.us	
San Bernardino County Sheriff	Doyle Jenkins	<a href="mailto:jbaldwin@sdd.sbcounty.gov">jbaldwin@sdd.sbcounty.gov</a>	
San Jacinto City	Dan Mudrovich	dmudrovich@sanjacinto.ca.us	
UC Riverside	Russell Vernon	<a href="mailto:russell.vernon@ucr.edu">russell.vernon@ucr.edu</a>	
Western Municipal Water District	Brenda Meyer	<a href="mailto:bmeyer@wmwd.com">bmeyer@wmwd.com</a>	
Western Riverside Cnty Regional WA	Steve Schultz	sshultz@wmwd.com	
Yucaipa Valley Water District	Jack Nelson	<a href="mailto:jnelson@yvwd.dst.ca.us">jnelson@yvwd.dst.ca.us</a>	

<b>Agency</b>	<b>Contact</b>	<b>Email Address</b>	<b>Staff Assigned to Discharger/Facility</b>
Anaheim City	Jonathan Heffernan	<a href="mailto:jheffernan@anaheim.net">jheffernan@anaheim.net</a>	Julio Lara
Brea City	Will Wenz	<a href="mailto:willw@ci.brea.ca.us">willw@ci.brea.ca.us</a>	951-782-4901
Buena Park City	Jim Biery	<a href="mailto:jbiery@buenapark.com">jbiery@buenapark.com</a>	<a href="mailto:julio.lara@waterboards.ca.gov">julio.lara@waterboards.ca.gov</a>
Chino Hills City	Mike Maestas	<a href="mailto:mmaestas@chinohills.org">mmaestas@chinohills.org</a>	
Costa Mesa Sanitary District	Steve Cano	<a href="mailto:scano@cmsdca.gov">scano@cmsdca.gov</a>	
CSU Fullerton	Curtis P. Plotkin	<a href="mailto:cplotkin@fullerton.edu">cplotkin@fullerton.edu</a>	

**2015-2016 El Nino Rainy Season Notice Mailing List  
Enrollees Under Order No. 2006-0003-DWQ and Regional Board Staff Contact**

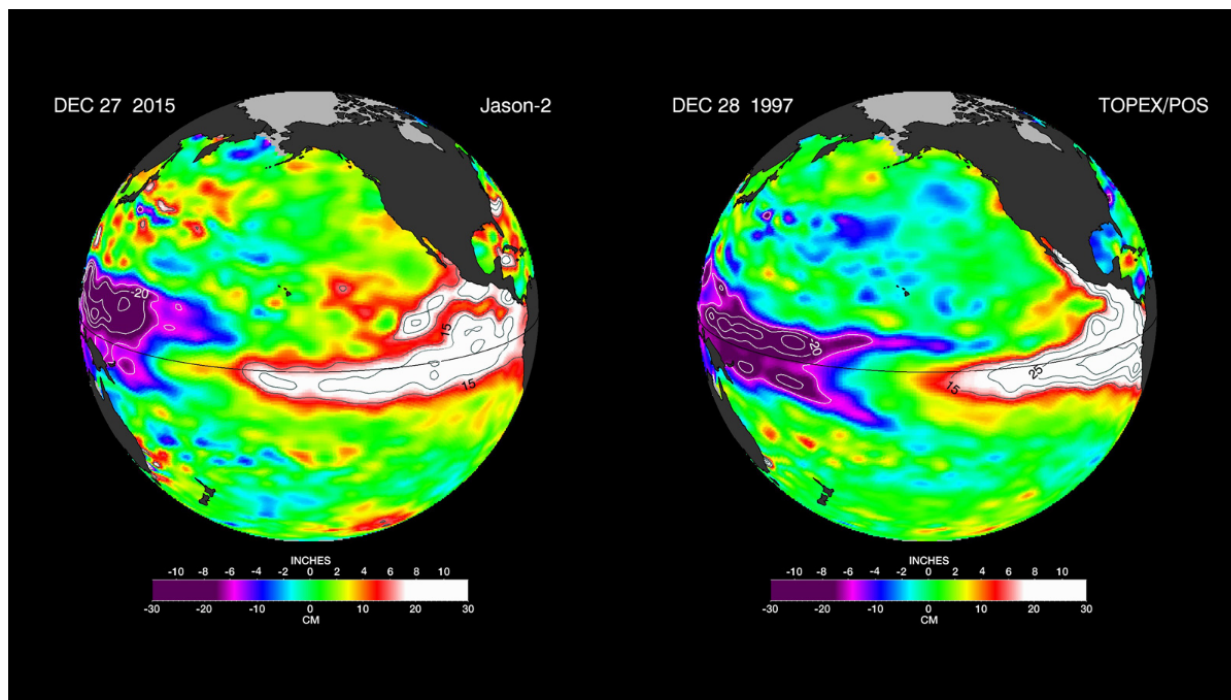
<b>Agency</b>	<b>Contact</b>	<b>Email Address</b>	<b>Staff Assigned to Discharger/Facility</b>
Cypress City	Matt Burton	MBurton@ci.cypress.ca.us	<b>Julio Lara</b>
El Toro Water District	Robert R Hill	nadiar@etwd.com	<b>951-782-4901</b>
Upland City	Acquanetta Warren	awarren@ci.upland.ca.us	<a href="mailto:julio.lara@waterboards.ca.gov">julio.lara@waterboards.ca.gov</a>
Fullerton City	William Roseberry	billr@ci.fullerton.ca.us	
Garden Grove Sanitary District	Bill Murray	publicworks@ci.garden-grove.ca.us	
Huntington Beach City	Brian Ragland, PE	brian.ragland@surfcity-hb.org	
Inland Empire Utilities Agency	Chris Berch	cberch@ieua.org	
La Habra City	Brian Jones	brianj@lahabracity.com	
La Palma City	Jeff C Moneda	jeffm@cityoflapalma.org	
Irvine Ranch Water District	Kevin Burton	burton@irwd.com	
Midway City Sanitation District	Ken Robbins	krobbins@mcsandist.com	
Newport Beach City	George Murdoch	gmurdoch@newportbeachca.gov	
Orange City	Gene Estrada	gestrada@cityoforange.com	
Placentia City	Gerry Hubble	ghubble@placentia.org	
Rossmoor/Los Alamitos Area Sanitary District	Susan Bell	sewerdistrict@aol.com	
Santa Ana City	Nabil Saba	nsaba@ci.santa-ana.ca.us	
Santa Ana Watershed Project Authority	Karen Williams	kwilliams@sawpa.org	
Seal Beach City	Sean Crumby	scrumby@sealbeachca.gov	
Stanton City	Robert Doss	bdoss@ci.stanton.ca.us	
Sunset Beach Sanitary District	Tom Dawes	info@sunsetbeachsd.org	
UC Irvine	Marc Gomez	magomez@uci.edu	
Villa Park City	Akram Hindiye	ahindiye@villapark.org	
Orange County Sanitation District	Nick Arhontes	narhontes@ocsd.com	
Yorba Linda Water District	John DeCriscio	idecriscio@ylwd.com	
CA Dept of Corrections & Rehab	Lawrence Dimock	lawrence.dimock@cdcr.ca.gov	
CA Dept of Corrections & Rehab	John Dickson	john.dickson@cdcr.ca.gov	
CA Dept of Corrections & Rehab	Michael Thompson	michael.thompson@cdcr.ca.gov	
Ontario City	Mohamed El-Amamy	melamamy@ci.ontario.ca.us	
Cucamonga Valley Water District	John Bosler	johnb@cvwdwater.com	
Chino City	Jim Hill	jhill@cityofchino.org	
Fontana City	Todd Heagstedt	theagste@fontana.org	
Montclair City	Michael C. Hudson	mudson@cityofmontclair.org	
Irvine Ranch Water District	Lyndy Lewis	lewis@irwd.com	
CA Dept of Parks & Rec Winterhaven	Steve Scott	steve.scott@parks.ca.gov	
San Bernardino Cnty Dept of Airports	Mitch Kinser	mkinser@airports.sbcounty.gov	
CA Dept of Parks & Rec San Clemente	Steve Scott	steve.scott@parks.ca.gov	
<b>Agency</b>	<b>Contact</b>	<b>Email Address</b>	<b>Staff Assigned to Discharger/Facility</b>
Arrowhead Regional Medical Center	Tim Plumb	plumbt@armc.sbcounty.gov	<b>Bill Norton</b>
Big Bear Area Regional WWA	Joe Hanford	ops@bbarwa.org	<b>951-782-4381</b>
Big Bear City Community Services District	Nathan Zamorano	nzamorano@bbccsd.org	<a href="mailto:bill.norton@waterboards.ca.gov">bill.norton@waterboards.ca.gov</a>
Big Bear Lake City	Kevin Seibourn	kseibourn@citybigbearlake.com	
Running Springs Water District	Joan C. Eaton	jeaton@runningspringswd.com	
San Bernardino Cnty Special Districts	Manuel M Benitez	mbenitez@sdd.sbcounty.gov	
San Bernardino Cnty Special Districts	Manuel Benitez	mbenitez@sdd.sbcounty.gov	
San Bernardino Cnty Special Districts	Steve Samaras	ssamaras@sdd.sbcounty.gov	





NEWS | DECEMBER 29, 2015

## A Still-Growing El Niño Set to Bear Down on U.S.



The latest satellite image of Pacific sea surface heights from Jason-2 (left) differs slightly from one 18 years ago from Topex/Poseidon (right). In Dec. 1997, sea surface height was more intense and peaked in November. This year the area of high sea levels is less intense but considerably broader. Credit: NASA/JPL-Caltech

The current strong El Niño brewing in the Pacific Ocean shows no signs of waning, as seen in the latest satellite image from the U.S./European Ocean Surface Topography Mission (OSTM)/Jason-2 mission.

El Niño 2015 has already created weather chaos around the world. Over the next few months, forecasters expect the United States to feel its impacts as well.

The latest Jason-2 image bears a striking resemblance to one from December 1997, by Jason-2's predecessor, the NASA/Centre National d'Etudes Spatiales (CNES) Topex/Poseidon mission, during the last large El Niño event. Both reflect the classic pattern of a fully developed El Niño.

The images can be viewed at: <http://sealevel.jpl.nasa.gov/elnino2015/index.html>

The images show nearly identical, unusually high sea surface heights along the equator in the central and eastern Pacific: the signature of a big and powerful El Niño. Higher-than-normal sea surface heights are an indication that a thick layer of warm water is present.

El Niños are triggered when the steady, westward-blowing trade winds in the Pacific weaken or even reverse direction, triggering a dramatic warming of the upper ocean in the central and eastern tropical Pacific. Clouds and storms follow the warm water, pumping heat and moisture



high into the overlying atmosphere. These changes alter jet stream paths and affect storm tracks all over the world.

This year's El Niño has caused the warm water layer that is normally piled up around Australia and Indonesia to thin dramatically, while in the eastern tropical Pacific, the normally cool surface waters are blanketed with a thick layer of warm water. This massive redistribution of heat causes ocean temperatures to rise from the central Pacific to the Americas. It has sapped Southeast Asia's rain in the process, reducing rainfall over Indonesia and contributing to the growth of massive wildfires that have blanketed the region in choking smoke.

El Niño is also implicated in Indian heat waves caused by delayed monsoon rains, as well as Pacific island sea level drops, widespread coral bleaching that is damaging coral reefs, droughts in South Africa, flooding in South America and a record-breaking hurricane season in the eastern tropical Pacific. Around the world, production of rice, wheat, coffee and other crops has been hit hard by droughts and floods, leading to higher prices.

In the United States, many of El Niño's biggest impacts are expected in early 2016. Forecasters at the National Oceanic and Atmospheric Administration favor an El Niño-induced shift in weather patterns to begin in the near future, ushering in several months of relatively cool and wet conditions across the southern United States, and relatively warm and dry conditions over the northern United States. The latest El Niño forecast from NOAA's Climate Prediction Center is at: <http://www.cpc.ncep.noaa.gov/>

While scientists still do not know precisely how the current El Niño will affect the United States, the last large El Niño in 1997-98 was a wild ride for most of the nation. The "Great Ice Storm" of January 1998 crippled northern New England and southeastern Canada, but overall, the northern tier of the United States experienced long periods of mild weather and meager snowfall. Meanwhile, across the southern United States, a steady convoy of storms slammed most of California, moved east into the Southwest, drenched Texas and -- pumped up by the warm waters of the Gulf of Mexico -- wreaked havoc along the Gulf Coast, particularly in Florida.

"In 2014, the current El Niño teased us -- wavering off and on," said Josh Willis, project scientist for the Jason missions at JPL. "But in early 2015, atmospheric conditions changed, and El Niño steadily expanded in the central and eastern Pacific. Although the sea surface height signal in 1997 was more intense and peaked in November of that year, in 2015, the area of high sea levels is larger. This could mean we have not yet seen the peak of this El Niño."

During normal, non-El Niño conditions, the amount of warm water in the western equatorial Pacific is so large that sea levels are about 20 inches (50 centimeters) higher in the western Pacific than in the eastern Pacific. "You can see it in the latest Jason-2 image of the Pacific," said Willis. "The 8-inch [20-centimeter] drop in the west, coupled with the 10-inch [25-centimeter] rise in the east, has completely wiped out the tilt in sea level we usually have along the equator."

The new Jason-2 image shows that the amount of extra-warm surface water from the current El Niño (depicted in red and white shades) has continuously increased, especially in the eastern Pacific within 10 degrees latitude north and south of the equator. In the western Pacific, the area of low sea level (blue and purple) has decreased somewhat from late October. The white and red areas indicate unusual patterns of heat storage. In the white areas, the sea surface is between 6 and 10 inches (15 to 25 centimeters) above normal, while in the red areas, it is about 4 inches (10 centimeters) above normal. The green areas indicate normal conditions. The height of the

ocean water relates, in part, to its temperature, and is an indicator of the amount of heat stored in the ocean below.

Within this area, surface temperatures are greater than 86 degrees Fahrenheit (30 degrees Celsius) in the central equatorial Pacific and near 70 degrees Fahrenheit (21 degrees Celsius) off the coast of the Americas. This El Niño signal encompasses a surface area of 6 million square miles (16 million square kilometers) -- more than twice as big as the continental United States.

While no one can predict the exact timing or intensity of U.S. El Niño impacts, for drought-stricken California and the U.S. West, it's expected to bring some relief.

"The water story for much of the American West over most of the past decade has been dominated by punishing drought," said JPL climatologist Bill Patzert. "Reservoir levels have fallen to record or near-record lows, while groundwater tables have dropped dangerously in many areas. Now we're preparing to see the flip side of nature's water cycle -- the arrival of steady, heavy rains and snowfall."

In 1982-83 and 1997-98, large El Niños delivered about twice the average amount of rainfall to Southern California, along with mudslides, floods, high winds, lightning strikes and high surf. But Patzert cautioned that El Niño events are not drought busters. "Over the long haul, big El Niños are infrequent and supply only seven percent of California's water," he said.

"Looking ahead to summer, we might not be celebrating the demise of this El Niño," cautioned Patzert. "It could be followed by a La Niña, which could bring roughly opposite effects to the world's weather."

La Niñas are essentially the opposite of El Niño conditions. During a La Niña episode, trade winds are stronger than normal, and the cold water that normally exists along the coast of South America extends to the central equatorial Pacific. La Niña episodes change global weather patterns and are associated with less moisture in the air over cooler ocean waters. This results in less rain along the coasts of North and South America and along the central and eastern equatorial Pacific, and more rain in the far Western Pacific.

El Niño events are part of the long-term, evolving state of global climate, for which measurements of sea surface height are a key indicator.

For an animation of the evolution of the 2015 and 1997 El Niños, visit:

<https://sealevel.jpl.nasa.gov/elnino2015/2015-animated.gif>

For more information on how NASA studies El Niño, visit:

<http://climatesciences.jpl.nasa.gov/enso>

To learn more about NASA's satellite altimetry programs, visit:

<http://sealevel.jpl.nasa.gov>

For more information about NASA's Earth science activities, visit:

<http://www.nasa.gov/earth>

# Director Comments



Yucaipa Valley Water District



## FACTS ABOUT THE YUCAIPA VALLEY WATER DISTRICT

**Service Area Size:** 40 square miles (sphere of influence is 68 square miles)

**Elevation Change:** 3,140 foot elevation change (from 2,044 to 5,184 feet)

**Number of Employees:** 5 elected board members  
57 full time employees

**Operating Budget:** Water Division - \$13,072,750  
Sewer Division - \$11,689,000  
Recycled Water Division - \$433,500  
Total Annual Budget - \$25,195,250

**Number of Services:** 12,206 water connections serving 16,843 units  
13,492 sewer connections serving 20,312 units  
62 recycled water connections

**Water System:** 215 miles of drinking water pipelines  
27 reservoirs - 34 million gallons of storage capacity  
18 pressure zones  
12,000 ac-ft annual water demand (3.9 billion gallons)  
Two water filtration facilities:  
- 1 mgd at Oak Glen Surface Water Filtration Facility  
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

**Sewer System:** 8.0 million gallon treatment capacity - current flow at 4.0 mgd  
205 miles of sewer mainlines  
5 sewer lift stations  
4,500 ac-ft annual recycled water prod. (1.46 billion gallons)

**Recycled Water:** 22 miles of recycled water pipelines  
5 reservoirs - 12 million gallons of storage  
1,200 ac-ft annual recycled demand (0.4 billion gallons)

**Brine Disposal:** 2.2 million gallon desalination facility at sewer treatment plant  
1.108 million gallons of Inland Empire Brine Line capacity  
0.295 million gallons of treatment capacity in Orange County



## THE MEASUREMENT OF WATER PURITY

**One part per hundred** is generally represented by the percent (%).  
This is equivalent to about fifteen minutes out of one day.

**One part per thousand** denotes one part per 1000 parts.  
This is equivalent to about one and a half minutes out of one day.

**One part per million (ppm)** denotes one part per 1,000,000 parts.  
This is equivalent to about 32 seconds out of a year.

**One part per billion (ppb)** denotes one part per 1,000,000,000 parts.  
This is equivalent to about three seconds out of a century.

**One part per trillion (ppt)** denotes one part per 1,000,000,000,000 parts.  
This is equivalent to about three seconds out of every hundred thousand years.

**One part per quadrillion (ppq)** denotes one part per 1,000,000,000,000,000 parts.  
This is equivalent to about two and a half minutes out of the age of the Earth (4.5 billion years).





## GLOSSARY OF COMMONLY USED TERMS

Every profession has specialized terms which generally evolve to facilitate communication between individuals. The routine use of these terms tends to exclude those who are unfamiliar with the particular specialized language of the group. Sometimes jargon can create communication cause difficulties where professionals in related fields use different terms for the same phenomena.

Below are commonly used water terms and abbreviations with commonly used definitions. If there is any discrepancy in definitions, the District's Regulations Governing Water Service is the final and binding definition.

**Acre Foot of Water** - The volume of water (325,850 gallons, or 43,560 cubic feet) that would cover an area of one acre to a depth of 1 foot.

**Activated Sludge Process** – A secondary biological sewer treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen, and consume dissolved nutrients in the wastewater.

**Annual Water Quality Report** - The document is prepared annually and provides information on water quality, constituents in the water, compliance with drinking water standards and educational material on tap water. It is also referred to as a Consumer Confidence Report (CCR).

**Aquifer** - The natural underground area with layers of porous, water-bearing materials (sand, gravel) capable of yielding a supply of water; see Groundwater basin.

**Backflow** - The reversal of water's normal direction of flow. When water passes through a water meter into a home or business it should not reverse flow back into the water mainline.

**Best Management Practices (BMPs)** - Methods or techniques found to be the most effective and practical means in achieving an objective. Often used in the context of water conservation.

**Biochemical Oxygen Demand (BOD)** – The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

**Biosolids** – Biosolids are nutrient rich organic and highly treated solid materials produced by the sewer treatment process. This high-quality product can be used as a soil amendment on farm land or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

**Catch Basin** – A chamber usually built at the curb line of a street, which conveys surface water for discharge into a storm sewer.

**Capital Improvement Program (CIP)** – Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

**Collector Sewer** – The first element of a wastewater collection system used to collect and carry wastewater from one or more building sewer laterals to a main sewer.

**Coliform Bacteria** – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere and is generally used as an indicator of sewage pollution.

**Combined Sewer Overflow** – The portion of flow from a combined sewer system, which discharges into a water body from an outfall located upstream of a wastewater treatment plant, usually during wet weather conditions.

**Combined Sewer System**– Generally older sewer systems designed to convey both sewage and storm water into one pipe to a wastewater treatment plant.

**Conjunctive Use** - The coordinated management of surface water and groundwater supplies to maximize the yield of the overall water resource. Active conjunctive use uses artificial recharge, where surface water is intentionally percolated or injected into aquifers for later use. Passive conjunctive use is to simply rely on surface water in wet years and use groundwater in dry years.

**Consumer Confidence Report (CCR)** - see Annual Water Quality Report.

**Cross-Connection** - The actual or potential connection between a potable water supply and a non-potable source, where it is possible for a contaminant to enter the drinking water supply.

**Disinfection By-Products (DBPs)** - The category of compounds formed when disinfectants in water systems react with natural organic matter present in the source water supplies. Different disinfectants produce different types or amounts of disinfection byproducts. Disinfection byproducts for which regulations have been established have been identified in drinking water, including trihalomethanes, haloacetic acids, bromate, and chlorite

**Drought** - a period of below average rainfall causing water supply shortages.

**Dry Weather Flow** – Flow in a sanitary sewer during periods of dry weather in which the sanitary sewer is under minimum influence of inflow and infiltration.

**Fire Flow** - The ability to have a sufficient quantity of water available to the distribution system to be delivered through fire hydrants or private fire sprinkler systems.

**Gallons per Capita per Day (GPCD)** - A measurement of the average number of gallons of water use by the number of people served each day in a water system. The calculation is made by dividing the total gallons of water used each day by the total number of people using the water system.

**Groundwater Basin** - An underground body of water or aquifer defined by physical boundaries.

**Groundwater Recharge** - The process of placing water in an aquifer. Can be a naturally occurring process or artificially enhanced.

**Hard Water** - Water having a high concentration of minerals, typically calcium and magnesium ions.

**Hydrologic Cycle** - The process of evaporation of water into the air and its return to earth in the form of precipitation (rain or snow). This process also includes transpiration from plants, percolation into the ground, groundwater movement, and runoff into rivers, streams and the ocean; see Water cycle.

**Infiltration** – Water other than sewage that enters a sewer system and/or building laterals from the ground through defective pipes, pipe joints, connections, or manholes. Infiltration does not include inflow. See *Inflow*.

**Inflow** - Water other than sewage that enters a sewer system and building sewer from sources such as roof vents, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm drains and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include infiltration. See *Infiltration*.

**Inflow / Infiltration (I/I)** – The total quantity of water from both inflow and infiltration.

**Mains, Distribution** - A network of pipelines that delivers water (drinking water or recycled water) from transmission mains to residential and commercial properties, usually pipe diameters of 4" to 16".

**Mains, Transmission** - A system of pipelines that deliver water (drinking water or recycled water) from a source of supply the distribution mains, usually pipe diameters of greater than 16".

**Meter** - A device capable of measuring, in either gallons or cubic feet, a quantity of water delivered by the District to a service connection.

**Overdraft** - The pumping of water from a groundwater basin or aquifer in excess of the supply flowing into the basin. This pumping results in a depletion of the groundwater in the basin which has a net effect of lowering the levels of water in the aquifer.

**Peak Flow** – The maximum flow that occurs over a specific length of time (e.g., daily, hourly, instantaneously).

**Pipeline** - Connected piping that carries water, oil or other liquids. See Mains, Distribution and Mains, Transmission.



**Point of Responsibility, Metered Service** - The connection point at the outlet side of a water meter where a landowner's responsibility for all conditions, maintenance, repairs, use and replacement of water service facilities begins, and the District's responsibility ends.

**Potable Water** - Water that is used for human consumption and regulated by the California Department of Public Health.

**Pressure Reducing Valve** - A device used to reduce the pressure in a domestic water system when the water pressure exceeds desirable levels.

**Pump Station** - A drinking water or recycled water facility where pumps are used to push water up to a higher elevation or different location.

**Reservoir** - A water storage facility where water is stored to be used at a later time for peak demands or emergencies such as fire suppression. Drinking water and recycled water systems will typically use concrete or steel reservoirs. The State Water Project system considers lakes, such as Shasta Lake and Folsom Lake to be water storage reservoirs.

**Runoff** - Water that travels downward over the earth's surface due to the force of gravity. It includes water running in streams as well as over land.

**Sanitary Sewer System** - Sewer collection system designed to carry sewage, consisting of domestic, commercial, and industrial wastewater. This type of system is not designed nor intended to carry water from rainfall, snowmelt, or groundwater sources. See *Combined Sewer System*.

**Sanitary Sewer Overflow** – Overflow from a sanitary sewer system caused when total wastewater flow exceeds the capacity of the system. See *Combined Sewer Overflow*.

**Santa Ana River Interceptor (SARI) Line** – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the sewer treatment plant operated by Orange County Sanitation District.

**Secondary Treatment** – Biological sewer treatment, particularly the activated-sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

**Supervisory Control and Data Acquisition (SCADA)** - A computerized system which provides the ability to remotely monitor and control water system facilities such as reservoirs, pumps and other elements of water delivery.

**Service Connection** - The water piping system connecting a customer's system with a District water main beginning at the outlet side of the point of responsibility, including all plumbing and equipment located on a parcel required for the District's provision of water service to that parcel.

**Sludge** – Untreated solid material created by the treatment of sewage.

**Smart Irrigation Controller** - A device that automatically adjusts the time and frequency which water is applied to landscaping based on real-time weather such as rainfall, wind, temperature and humidity.

**Special District** - A political subdivision of a state established to provide a public services, such as water supply or sanitation, within a specific geographic area.

**Surface Water** - Water found in lakes, streams, rivers, oceans or reservoirs behind dams.

**Total Suspended Solids (TSS)** – The amount of solids floating and in suspension in water or sewage.

**Transpiration** - The process by which water vapor is released into the atmosphere by living plants.

**Trickling Filter** – A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in primary treated sewage as it trickles over them.

**Underground Service Alert (USA)** - A free service that notifies utilities such as water, telephone, cable and sewer companies of pending excavations within the area (dial 8-1-1 at least 2 working days before you dig).



**Urban Runoff** - Water from city streets and domestic properties that typically carries pollutants into the storm drains, rivers, lakes, and oceans.

**Valve** - A device that regulates, directs or controls the flow of water by opening, closing or partially obstructing various passageways.

**Wastewater** – Any water that enters the sanitary sewer.

**Water Banking** - The practice of actively storing or exchanging in-lieu surface water supplies in available groundwater basin storage space for later extraction and use by the storing party or for sale or exchange to a third party. Water may be banked as an independent operation or as part of a conjunctive use program.

**Water cycle** - The continuous movement water from the earth's surface to the atmosphere and back again; see Hydrologic cycle.

**Water Pressure** - Pressure created by the weight and elevation of water and/or generated by pumps that deliver water to the tap.

**Water Service Line** - The pipeline that delivers potable water to a residence or business from the District's water system. Typically the water service line is a 1" to 1½" diameter pipe for residential properties.

**Watershed** - A region or land area that contributes to the drainage or catchment area above a specific point on a stream or river.

**Water Table** - The upper surface of the zone of saturation of groundwater in an unconfined aquifer.

**Water Transfer** - A transaction, in which a holder of a water right or entitlement voluntarily sells/exchanges to a willing buyer the right to use all or a portion of the water under that water right or entitlement.

**Water Well** - A hole drilled into the ground to tap an underground water aquifer.

**Wetlands** - Lands which are fully saturated or under water at least part of the year, like seasonal vernal pools or swamps.

**Wet Weather Flow** – Dry weather flow combined with stormwater introduced into a combined sewer system, and dry weather flow combined with infiltration/inflow into a separate sewer system.





## COMMONLY USED ABBREVIATIONS

<b>AQMD</b>	Air Quality Management District
<b>BOD</b>	Biochemical Oxygen Demand
<b>CARB</b>	California Air Resources Board
<b>CCTV</b>	Closed Circuit Television
<b>CWA</b>	Clean Water Act
<b>EIR</b>	Environmental Impact Report
<b>EPA</b>	U.S. Environmental Protection Agency
<b>FOG</b>	Fats, Oils, and Grease
<b>GPD</b>	Gallons per day
<b>MGD</b>	Million gallons per day
<b>O &amp; M</b>	Operations and Maintenance
<b>OSHA</b>	Occupational Safety and Health Administration
<b>POTW</b>	Publicly Owned Treatment Works
<b>PPM</b>	Parts per million
<b>RWQCB</b>	Regional Water Quality Control Board
<b>SARI</b>	Santa Ana River Inceptor
<b>SAWPA</b>	Santa Ana Watershed Project Authority
<b>SBVMWD</b>	San Bernardino Valley Municipal Water District
<b>SCADA</b>	Supervisory Control and Data Acquisition system
<b>SSMP</b>	Sanitary Sewer Management Plan
<b>SSO</b>	Sanitary Sewer Overflow
<b>SWRCB</b>	State Water Resources Control Board
<b>TDS</b>	Total Dissolved Solids
<b>TMDL</b>	Total Maximum Daily Load
<b>TSS</b>	Total Suspended Solids
<b>WDR</b>	Waste Discharge Requirements
<b>YVWD</b>	Yucaipa Valley Water District