



Yucaipa Valley Water District

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

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

Wednesday, August 5, 2015 at 6:00 p.m.

- 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. Regular Board Meeting - July 15, 2015
 - 2. Board Workshop - July 28, 2015
 - 3. Board Workshop - August 3, 2015
- V. **BOARD REPORTS**
 - A. San Gorgonio Pass Water Resource Alliance - Technical Committee and General Meeting - July 22, 2015
 - B. Recycled Water Task Force Meeting - South Mesa Mutual Water Company - July 22, 2015
 - C. Yucaipa Valley Water District Skydrop Weather-Based Irrigation Controller Informational Meeting - July 25, 2015
 - D. San Gorgonio Pass Water Agency - Public Hearing Regarding Facility Capacity Fees - July 27, 2015
 - E. Yucaipa Valley Water District Community Water Meeting - July 30, 2015
 - F. Site Tour and Inspection of Reservoir R-12.4 - August 3, 2015
 - G. City of Calimesa Council Meeting - August 3, 2015

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

H. Reports by Board Members

VI. STAFF REPORT

VII. DISCUSSION ITEMS

A. Purchase of Imported Water for Calendar Year 2016 [[Director Memorandum No. 15-073 - Page 28 of 59](#)]

RECOMMENDED ACTION: That the Board authorizes the District staff to purchase imported water from the San Bernardino Valley Municipal Water District and the San Gorgonio Pass Water Agency for Calendar Year 2016.

B. Authorization to Solicit Bids for the Construction of an Interim Recycled Water Booster NB-12.3 [[Director Memorandum No. 15-074 - Page 31 of 59](#)]

RECOMMENDED ACTION: That the Board authorizes the District staff to solicit construction bids for the recycled water booster station.

C. Approval of a Memorandum of Understanding for the San Gorgonio Pass Regional Water Alliance and the Payment of the 2015-16 Assessment [[Director Memorandum No. 15-075 - Page 33 of 59](#)]

RECOMMENDED ACTION: That the Board approves the Memorandum of Understanding and authorizes a financial contribution of \$500 for Fiscal Year 2015/16.

D. Authorization to Implement a Recycled Water Filling Station for the Use of Recycled Water Throughout our Community [[Director Memorandum No. 15-076 - Page 44 of 59](#)]

RECOMMENDED ACTION: That the Board, by minute order, directs District staff to take the necessary steps to implement a recycled water filling station program for the Yucaipa Valley Water District.

VIII. DIRECTORS COMMENTS

IX. CLOSED SESSION

A. Conference with Real Property Negotiator(s)
Property: Assessor's Parcel Number(s): 0321-261-09
Agency Negotiator: Joseph Zoba, General Manager
Negotiating Parties: Richard and Shirley Ferguson
Under Negotiation: Terms of Payment and Price

X. ANNOUNCEMENTS

- A. August 11, 2015 at 4:00 p.m. - Board Workshop
- B. August 19, 2015 at 6:00 p.m. - Regular Board Meeting
- C. August 25, 2015 at 4:00 p.m. - Board Workshop
- D. August 26, 2015 at 6:00 p.m. - San Gorgonio Pass Regional Water Resource Alliance at the City of Banning
- E. August 27, 2015 at 4:00 p.m. - Community Water Meeting
- F. September 2, 2015 at 6:00 p.m. - Regular Board Meeting

XI. ADJOURNMENT

Consent Calendar



Yucaipa Valley Water District

MINUTES OF A REGULAR BOARD MEETING

July 15, 2015 at 6:00 P.M.

Directors Present:

Lonni Granlund, President
Jay Bogh, Vice President
Bruce Granlund, Director
Ken Munoz, Director
Tom Shalhoub, Director

Staff Present:

Joseph Zoba, General Manager
Jack Nelson, Assistant General Manager
Vicky Elisalda, Controller
Brent Anton, Engineering Manager
John Hull, Public Works Manager

Directors Absent:

None

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Jan Leja, Customer
David Duron, Customer
Karen DaSilva, News Mirror
John Jeter, San Gorgonio Pass Water Agency
Leonard Stevenson, San Gorgonio Pass Water Agency

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 Tom Shalhoub led the pledge of allegiance.

FLAG SALUTE

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

ROLL CALL

There were no public comments.

PUBLIC COMMENTS

Director Tom Shalhoub moved to approve the consent calendar and Director Ken Munoz seconded the motion to approve the consent calendar.

CONSENT CALENDAR

A. Minutes of Meetings

1. Regular Board Meeting - July 1, 2015
2. Board Workshop - July 7, 2015

B. Payment of Bills

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

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Bruce Granlund - Yes

Director Lonni Granlund - Yes
Director Ken Munoz - Yes
Director Tom Shalhoub - Yes

A. Reports by Board Members

- Director Tom Shalhoub reported on the San Gorgonio Pass Water Agency meeting held on July 6, 2015.

BOARD REPORTS

General Manager Joseph Zoba discussed the following items:

- The District staff is working with Vavrinek, Trine, Day & Company (VTD) to complete the fiscal year audit for the period ending on June 30, 2015. Correspondence dated July 10, 2015, from VTD was distributed to the Board of Directors and the public regarding AU-C Section 260 - *The Auditor's Communication With Those Charged With Governance*. The correspondence outlines the scope, timing and information about communicating directly with the auditors any known matter(s) that have a material bearing on the financial statements.
- The District will be presenting our imported water order for 2016 at the next board workshop on July 28, 2015. We anticipate ordering 7,000 acre feet next year and have received a preliminary request from Western Heights Mutual Water Company for 807 acre feet for a combined order of 7,807 acre feet of imported water.
- The District staff presented information about a ribbon cutting ceremony for new local businesses by the Chamber of Commerce.
- On July 27, 2015 at 7:00 p.m., the San Gorgonio Pass Water Agency will be conducting a public hearing regarding facility capacity charges for new facilities and the purchase of imported water. The last public capacity fee workshop was conducted on March 30, 2015 during which numerous questions were asked of the San Gorgonio Pass Water Agency staff and consultants with few definitive answers provided. As of July 15, 2015, there is no new information available for review prior to the scheduled public hearing.
- The General Manager attended a meeting this morning with David Armstrong (South Mesa Mutual Water Company) and Richard Atwater (Consultant for SMMWC) regarding recycled water service to the Avenue I Park (City of Yucaipa) and the 4th Street Park (City of Calimesa). General Manager Joseph Zoba stated that the decision whether or not to use recycled water in the service area of the mutual water company rests with the majority of the South Mesa Mutual Water Company Board of Directors. The existing rates, fees and charges by the District will be applied to recycled water service by South Mesa Mutual Water Company. The next group meeting will

STAFF REPORT

be hosted by South Mesa Mutual Water Company on July 22, 2015 at 10:00 a.m.

- The District staff is preparing for the implementation of a recycled water filling station at the Regional Water Filtration Facility at Crystal Creek. Based on the numerous requests received by the public about this service, the District will be finalizing the plans and submitting an application to the State Water Resources Control Board, Division of Drinking Water. An overview of the proposed program will be provided at the next board workshop.
- The Skydrop Irrigation System will be implementing a significant system upgrade to further reduce water usage during hot summer months.

DISCUSSION ITEMS:

Following a staff presentation by Controller Vicky Elisalda, Director Ken Munoz moved and Director Tom Shalhoub seconded a motion to receive and file the unaudited financial report.

The motion was approved by the following vote:

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

DM 15-063
UNAUDITED
FINANCIAL REPORT
FOR THE PERIOD
ENDING ON JUNE 30,
2015

Following a staff presentation by Controller Vicky Elisalda, Director Tom Shalhoub moved and Director Bruce Granlund seconded a motion to adopt Resolution 2015-13 for San Bernardino County and Resolution 2015-14 for Riverside County Posting Delinquent Charges to the Property Tax Rolls.

The motion was approved by the following vote:

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

DM 15-064
AUTHORIZATION TO
POST DELINQUENT
ACCOUNTS TO THE
PROPERTY TAX
ROLLS OF SAN
BERNARDINO
COUNTY AND
RIVERSIDE COUNTY

Following a staff presentation by General Manager Joseph Zoba, Director Bruce Granlund moved and Director Tom Shalhoub seconded a motion to authorize the release of the Request for Proposals.

The motion was approved by the following vote:

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

DM 15-065
AUTHORIZATION TO
DISTRIBUTE A
REQUEST FOR
PROPOSALS FOR
PROFESSIONAL
SERVICES RELATED
TO THE PUBLIC
EDUCATION AND

OUTREACH
PROGRAM

Following a staff presentation by General Manager Joseph Zoba, Director Tom Shalhoub moved and Director Ken Munoz seconded a motion to authorize the prepayment for a sum not to exceed \$331,686.

The motion was approved by the following vote:

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

DM 15-066
AUTHORIZATION TO
PREPAY THE ANNUAL
UNFUNDED ACCRUED
LIABILITY
CONTRIBUTION FOR
THE CALPERS
RETIREMENT
PROGRAM FOR
FISCAL YEAR 2015-16

Following a staff presentation by Assistant General Manager Jack Nelson, Director Bruce Granlund moved and Director Tom Shalhoub seconded a motion to approve Amendment No. 2 as presented.

The motion was approved by the following vote:

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

DM 15-067
APPROVAL OF
AMENDMENT NO. 2
TO THE AGREEMENT
TO FORM A TASK
FORCE TO CONDUCT
A BASIN MONITORING
PROGRAM FOR
NITROGEN AND
TOTAL DISSOLVED
SOLIDS IN THE SANTA
ANA RIVER
WATERSHED (BASIN
MONITORING
PROGRAM)

Following a staff presentation by Controller Vicky Elisalda, Director Tom Shalhoub moved and Director Bruce Granlund seconded a motion to adopt Resolution No. 2015-15.

The motion was approved by the following vote:

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

DM 15-068
ADOPTION OF
RESOLUTION NO.
2015-15
ESTABLISHING THE
APPROPRIATION
LIMIT FOR FISCAL
YEAR 2015-16

Following a staff presentation by Engineering Manager Brent Anton, Director Ken Munoz moved and Director Tom Shalhoub seconded a motion to award a construction contract to Borden Excavating, Inc. for a sum not to exceed \$507,000.

The motion was approved by the following vote:

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

Following a staff presentation by Engineering Manager Brent Anton, Director Ken Munoz moved and Director Bruce Granlund seconded a motion to award a construction contract to Borden Excavating, Inc. for a sum not to exceed \$536,755.

The motion was approved by the following vote:

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

Following a staff presentation by General Manager Joseph Zoba, Director Bruce Granlund moved and Director Tom Shalhoub seconded a motion to approve the Memorandum of Agreement with the Management-Supervisory Employees as presented.

The motion was approved by the following vote:

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

Following a staff presentation by General Manager Joseph Zoba, Director Jay Bogh moved and Director Bruce Granlund seconded a motion to approve the Memorandum of Agreement with the Management-Exempt Employees as presented.

The motion was approved by the following vote:

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

There were no comments from the Directors.

DM 15-069
AWARD OF A
CONSTRUCTION
CONTRACT FOR THE
CONSTRUCTION OF
AN 8" DRINKING
WATER PIPELINE IN
CEDAR AVENUE,
ADAMS STREET,
ADAMS COURT AND
COMBERTON STREET

DM 15-070
AWARD OF A
CONSTRUCTION
CONTRACT FOR THE
CONSTRUCTION OF A
30" DRINKING WATER
PIPELINE AND A 12"
DRINKING WATER
PIPELINE IN SECOND
STREET - YUCAIPA

DM 15-071
APPROVAL OF THE
TERMS AND
CONDITIONS OF
EMPLOYMENT FOR
MANAGEMENT-
SUPERVISORY
EMPLOYEES OF THE
YUCAIPA VALLEY
WATER DISTRICT

DM 15-072
APPROVAL OF THE
TERMS AND
CONDITIONS OF
EMPLOYMENT FOR
MANAGEMENT-
EXEMPT EMPLOYEES
OF THE YUCAIPA
VALLEY WATER
DISTRICT

DIRECTOR
COMMENTS

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

ANNOUNCEMENTS

The meeting was adjourned at 6:35 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

MINUTES OF A BOARD WORKSHOP

July 28, 2015 at 4:00 P.M.

Directors Present:

Lonni Granlund, President
Bruce Granlund, Director
Tom Shalhoub, Director

Staff Present:

Joseph Zoba, General Manager
Jack Nelson, Assistant General Manager
Bob Wall, Operations Manager
Brent Anton, Engineering Manager
Jennifer Ares, Water Resource Manager
Kevin King, Operations Manager
John Hull, Public Works Manager
Tysa Baeumel, Administrative Clerk III
John Wrobel, Regulatory & Environmental Control
Manager

Directors Absent:

Jay Bogh, Vice President
Ken Munoz, Director

Consulting Staff Present:

David Wysocki, Legal Counsel

Guests and Others Present:

Leonard Stevenson, San Geronio Pass Water Agency
Vanessa Register, Customer
Marion Lovelace, Customer
Dan Hancock, Customer

- I. Call to Order - 4:00 p.m.
- II. Public Comments - General Manager Joseph Zoba recognized the members of the Board of Directors and District staff in attendance.
- III. Staff Report:
 - The District staff briefly discussed future meetings and events.
- IV. Presentations
 - A. Overview of the Model Water Efficiency Landscape Ordinance Adopted by the California Water Commission [Workshop Memorandum No. 15-142] - General Manager Joseph Zoba provided information about the recently adopted Model Water Efficiency Landscape Ordinance approved by the California Water Commission on July 15, 2015.
 - B. Implementation of the Recycled Water Filling Station at the Wochholz Regional Water Recycling Facility [Workshop Memorandum No. 15-143] - Public Works Manager John Hull provided an overview of the recycled water filling stations provided by the Dublin San Ramon Services District.
 - C. Overview of the Sustainable Groundwater Management Act [Workshop Memorandum No. 15-144] - General Manager Joseph Zoba provided information about the Sustainable Groundwater Management Act.

- D. 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. 15-145] - General Manager Joseph Zoba provided information about the current drought conditions.
- V. 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. 15-146] - Engineering Manager Brent Anton provided an overview of the Reservoir R-12.4 project construction.
 - B. Status Report on the Testing of Alternative Sludge Dewatering Equipment at the Wochholz Regional Water Recycling Facility [Workshop Memorandum No. 15-147] - Operations Manager Kevin King provided an overview of the sludge equipment testing process.
 - C. 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. 15-148] - Engineering Manager Brent Anton provided an overview of new recycled water services to be installed this summer.
 - D. Status Report on the Construction of an 8" Drinking Water Pipeline in Cedar Avenue, Adams Street, Adams Court and Comberton Street [Workshop Memorandum No. 15-149] - Engineering Manager Brent Anton provided an overview of the preliminary bid results for this pipeline project.
 - E. Status Report on the Installation of a 30" Drinking Water Pipeline and a 12" Drinking Water Pipeline in Second Street, Yucaipa [Workshop Memorandum No. 15-150] - Engineering Manager Brent Anton provided an overview of the project in anticipation of bid results for the project due the following day.
 - F. Status Report on the Digester Cleaning and Cover Replacement Project at the Wochholz Regional Water Recycling Facility [Workshop Memorandum No. 15-151] - Operations Manager Kevin King provided information on the status of the digester cover replacement project.
 - G. Solicitation of Bids for the Construction of an Interim Recycled Water Booster Station NB-12.2 [Workshop Memorandum No. 15-152] - Engineering Manager Brent Anton provided information about the interim recycled water booster station.
- VI. Administrative Items
 - A. Purchase of Imported Water for Calendar Year 2016 [Workshop Memorandum No. 15-153] - General Manager Joseph Zoba provided information about the anticipated imported water order for 2016.
 - B. Purchase of Inland Empire Brineline Pipeline and Treatment Capacity from the San Bernardino Valley Municipal Water District [Workshop Memorandum No. 15-154] - General Manager Joseph Zoba provided an overview of the purchase of treatment and pipeline related brine capacity.
 - C. Discussion Regarding a Draft Joint Use Agreement for the Nobel Creek Recharge Facility [Workshop Memorandum No. 15-155] - General Manager Joseph Zoba provided an overview of the need for recharge capacity in the Beaumont Basin.
 - D. Review of the Facility Capacity Charges Proposed by the San Gorgonio Pass Water Agency [Workshop Memorandum No. 15-156] - General Manager Joseph Zoba provided an overview of the Facility Capacity Charges adopted by the San Gorgonio Pass Water Agency on July 27, 2015.

- VII. Director Comments
- VIII. Closed Session - Closed session was not conducted.
- IX. Adjournment - The meeting was adjourned at 5:45 p.m.

Respectfully submitted,

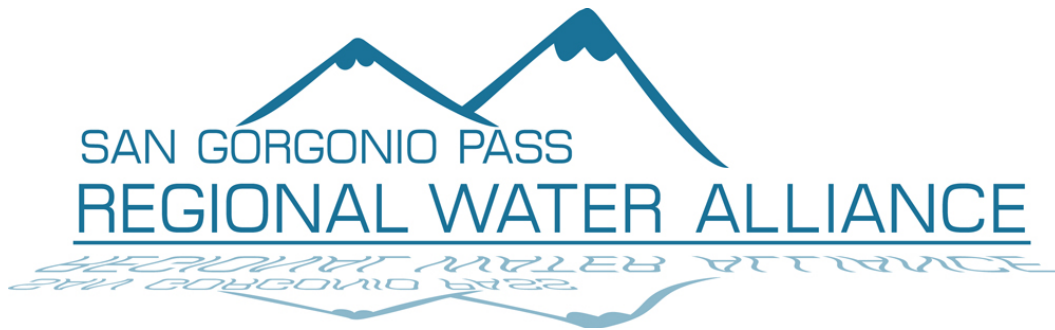
Joseph B. Zoba, Secretary

The board workshop meeting minutes for August 3, 2015
will be distributed at the board meeting.

Board Reports



Yucaipa Valley Water District



Technical Committee Meeting

Wednesday, July 22, 2015 at 4:30 p.m.

Banning City Hall Council Chambers
99 East Ramsey Street, Banning, California 92220

1. Call to Order
2. Public Comments
3. Technical Committees of the San Gorgonio Pass Regional Water Resource Alliance
 - a. Messaging Subcommittee
 - b. Recycled Water Subcommittee
 - c. Water Conservation Subcommittee
4. Comments by Technical Committee Members
5. Announcements
 - a. Next Meeting Date for the Technical Committee: **Wednesday, August 26, 2015 at 4:30 pm**
6. Adjournment



Notice and Agenda of a Regular Meeting Wednesday, July 22, 2015 at 6:00 p.m.

Banning City Hall Council Chambers
99 East Ramsey Street, Banning, California 92220

1. Call to Order
2. Public Comments
3. Approval of Minutes
 - a. Alliance Meeting Minutes - June 24, 2015
4. Presentations
 - a. Presentation by the California Rural Water Association - Dan Demoss, Executive Director
 - b. Presentation of a Proposed Structure for Groundwater Management in the San Gorgonio Pass Area - Joseph Zoba, General Manager, Yucaipa Valley Water District
 - c. Member Agency Profile: City of Beaumont
5. Reports and Discussion Items
 - a. Technical Committee Report
6. Future Meeting Topics
 - a. Alliance Member Agency Profile for August 2015 - Banning Heights Mutual Water Company
 - b. Other Meeting Topics
7. Comments by Alliance Members
8. Announcements
 - a. San Gorgonio Pass Water Agency - Special Board Meeting - Facility Capacity Charges Public Hearing - Monday, July 27, 2015 at 7:00 p.m.
 - b. Next Meeting Date: **Wednesday, August 26, 2015 at 6:00 pm**
9. Adjournment



**South Mesa Water Company
Recycled Water Task Force Meeting
Wednesday, July 22, 2015
10:00 – 12:00 p.m.**

Meeting Agenda

1. Introductions
- ✓ 2. Report by Richard Atwater regarding meeting between YVWD GM Joseph Zoba and South Mesa GM Dave Armstrong
3. Follow-up by Joseph Zoba, YVWD
4. Follow-up by Dave Armstrong, South Mesa Water Co.
5. Discussion of formulation of detailed agreement
6. Action item: Agreement on joint hiring of process facilitator
 - A. Drafting Service Wholesale Agreement between YVWD and South Mesa
 - B. Drafting Service Retail Agreement between South Mesa & Cities of Calimesa (4th St. Park & Creekside Park) and Yucaipa (I St Park & Wildwood Fire Dept.)



Notice of a Weather-Based Irrigation Controller Meeting for Residential Water Customers

Join Representatives from Skydrop.com to learn more about weather-based irrigation controllers.



The Yucaipa Valley Water District will be hosting an informational meeting about the use of weather-based irrigation controllers for residential customers. Water customers can [apply for a Skydrop irrigation device online](#) from the District's website.

For more additional information, please contact the Yucaipa Valley Water District at (909) 797-5117.

Saturday, July 25, 2015, 10:00 a.m. to 12:00 p.m.
Yucaipa Valley Regional Water Filtration Facility at Crystal Creek
35477 Oak Glen Road, Yucaipa 92399

SAN GORGONIO PASS WATER AGENCY
1210 Beaumont Avenue, Beaumont, CA
Special Board of Directors Meeting
Public Hearing - SGPWA Facility Capacity Fee
Agenda
July 27, 2015 at 7:00 p.m.

1. Call to Order, Flag Salute and Roll Call

2. Adoption and Adjustment of Agenda

3. Public Comment

Members of the public may address the Board at this time concerning items relating to any matter within the Agency's jurisdiction. To comment on specific agenda items, please complete a speaker's request form and hand it to the board secretary.

4. New Business (Discussion and Possible Action)

A. Consideration of Resolution No. 2015-05* Adoption of Facility Capacity Fee and Public Hearing *(Page 2)

5. Topics for Future Agendas

6. Announcements

A. Regular Board Meeting, August 3, 2015 at 1:30 p.m.

B. Special Board Meeting, August 6, 2015 at 6:00 p.m.

C. Engineering Workshop, August 10, 2015 at 1:30 p.m.

7. Adjournment

Information included in Agenda Packet

(1) Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection in the Agency's office at 1210 Beaumont Avenue, Beaumont during normal business hours. (2) Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Agency's office, located at 1210 Beaumont Avenue, Beaumont, California 92223, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Web site, accessible at: www.sgpwa.com (3) Any person with a disability who requires accommodation in order to participate in this meeting should call the Agency (951 845-2577) at least 48 hours prior to the meeting in order to make a request for a disability-related modification or accommodation.



Yucaipa Valley Water District

Notice of a Community Water Meeting

Join Us for a Conversation about the Drought and Our Water Resources

The Yucaipa Valley Water District will be hosting a community conversation to discuss the current drought and the management of our water resources. For more additional information, please contact the Yucaipa Valley Water District at (909) 797-5117.

Thursday, July 30, 2015, 6:00 p.m. to 8:00 p.m.

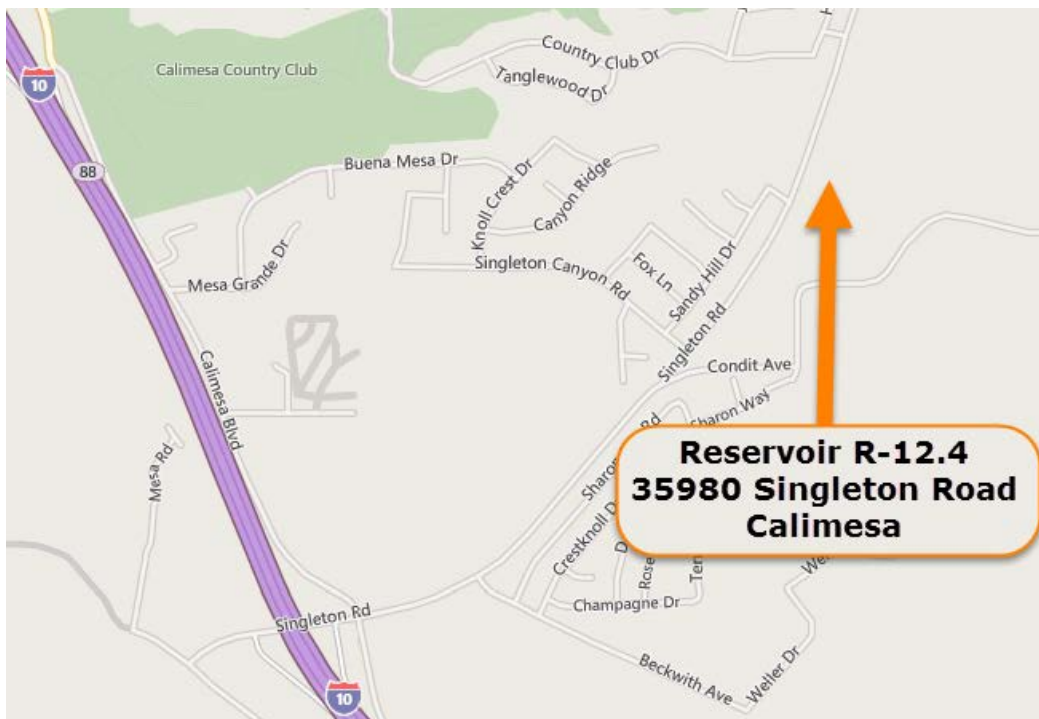
Yucaipa Valley Regional Water Filtration Facility at Crystal Creek
35477 Oak Glen Road, Yucaipa 92399





Notice and Agenda of a Board Workshop
Site Tour and Inspection of the Reservoir R-12.4
35980 Singleton Road, Calimesa, California

Monday, August 3, 2015 at 4:00 p.m.



1. Call to Order
2. Public Comments
3. Inspection of the 6.0 MG Drinking Water Reservoir R-12.4 - Workshop attendees will need the appropriate clothes and shoes to visit the construction site.
4. Adjournment

Any person with a disability who requires accommodation in order to participate in this meeting should telephone Erin Anton 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.



City of Calimesa
Regular Meeting of the City Council
AGENDA

Monday, August 3, 2015

6:00 p.m.

Norton Younglove Multipurpose Senior Center
908 Park Avenue, Calimesa, CA 92320

Joyce McIntire, Mayor ♦ Ella Zanowic, Mayor Pro Tem
Bill Davis, Council Member ♦ Jeff Hewitt, Council Member ♦ Jim Hyatt, Council Member
Randy Anstine, City Manager ♦ Kevin Ennis, City Attorney

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a City meeting or other services offered by this City, please contact the City Clerk's Office, (909) 795-9801. Notification of at least 48 hours prior to the meeting or time when services are needed will assist the City staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.

Any public writings distributed by the City to at least a majority of the Council Members regarding any item on this regular meeting agenda will be made available at the public counter at City Hall located at 908 Park Avenue, Calimesa, CA 92320

ANNOUNCEMENT REGARDING SPEAKER SLIPS

Anyone wishing to address the City Council either during "Communications from the Public" or on any item on the agenda should fill out a **blue speaker slip** and give that slip to the City Clerk **prior to the item being heard**. Please write the number of the agenda item or the subject of your presentation on the slip. **Please observe a time limit of three (3) minutes when giving your presentation**. When called upon, please step forward to the microphone, state your name for the record, whom you represent and any statement you wish to make. **Please be advised that you may not defer your three (3) minutes to another speaker.**

CALL TO ORDER

ROLL CALL: MAYOR MCINTIRE, MAYOR PRO TEM ZANOWIC, COUNCIL MEMBER DAVIS, COUNCIL MEMBER HEWITT, COUNCIL MEMBER HYATT.

STAFF: CITY MANAGER ANSTINE, CITY ATTORNEY ENNIS, CITY CLERK GERDES, ASSISTANT CITY MANAGER/FINANCE DIRECTOR JOHNSON, PUBLIC WORKS DIRECTOR FRENCH, COMMUNITY DEVELOPMENT DIRECTOR EVANS, CITY ENGINEER THORNTON, FIRE CHIEF SMITH AND POLICE CHIEF MADDEN.

PLEDGE OF ALLEGIANCE

COMMUNICATIONS FROM THE PUBLIC

Anyone wishing to address the Council on any item within the Council's jurisdiction that is not on the agenda may do so at this time. This is not a time for City Council discussion of non-agenda items. After receiving public comments, Council Members or staff, after being recognized by the Mayor, may briefly respond to statements made by the public or questions posed by the public. In addition, Council Members may ask questions for clarification or make a referral to staff for factual information to be reported back to the Council at a later meeting.

APPROVAL OF THE AGENDA

RECOMMENDATION: Move to approve the agenda

Motion _____ Second _____ Vote _____

CONSENT CALENDAR

The following Consent Calendar items are expected to be routine and non-controversial. Council will act upon them at one time without discussion. Any Council Member or staff member may request removal of an item from the Consent Calendar for discussion.

1. APPROVAL OF CITY COUNCIL ACTION MINUTES. [Page 5](#)
 - a) ***City Council action minutes of the July 20, 2015 Regular Meeting.***
2. RECEIVE AND FILE CITY COMMISSION & BOARD MINUTES. [Page 15](#)

There are no minutes ready for approval at this time.
3. APPROVAL OF WARRANT REGISTERS. [Page 16](#)
 - a) ***Check Register Report with a total of \$245,755.93(Check Nos. 29244 to 29285)***
 - b) ***July 30, 2015 Payroll of \$30,472.62.***
4. WAIVE FULL READING OF ANY PROPOSED ORDINANCES ON THE AGENDA. [Page 21](#)

This permits reading the title only in lieu of reciting the entire text of the Ordinances. This does not take policy action on the Ordinances or approve or disapprove any Ordinances on the agenda.
5. TREASURER'S REPORT FOR THE QUARTER ENDED JUNE 30, 2015. [Page 22](#)

RECOMMENDATION: That the City Council receive and file the Investment Report for the Quarter ended June 30, 2015.
6. DESERT LAWN DRIVE PAVEMENT REHABILITATION – APPROVAL OF CHANGE ORDER IN EXCESS OF PROJECT CONSTRUCTION CONTINGENCY. [Page 27](#)

RECOMMENDATION: That the City Council adopt Resolution No. 2015-33, A Resolution of the City Council of the City of Calimesa, California amending the Fiscal Year 2015-16 Capital Improvement Budget to include an additional appropriation for Desert Lawn Drive Pavement Rehabilitation.
7. PROVIDE NEW SUSTAINABLE FUNDING FOR STATE AND LOCAL TRANSPORTATION INFRASTRUCTURE. [Page 30](#)

RECOMMENDATION: That the City Council adopt Resolution No. 2015-34, A Resolution of the City Council of the City of Calimesa urging the State to provide new sustainable funding for State and local transportation infrastructure projects.
8. CITY OF CALIMESA QUALITY ASSURANCE PROGRAM. [Page 35](#)

RECOMMENDATION: That the City Council Adopt the Quality Assurance Program to comply with Federal and State funding requirements.
9. AMENDMENT TO THE JOINT POWERS AGREEMENT OF THE WESTERN RIVERSIDE COUNCIL OF GOVERNMENTS TO RECOGNIZE THE MORONGO BAND OF MISSION INDIANS AS VOTING MEMBERS. [Page 58](#)

RECOMMENDATION: That the City Council approve the amendment to the Joint Powers Agreement of the Western Riverside Council of Governments to recognize the Morongo Band of Mission Indians as voting members.

CHIEF OF POLICE COMMENTS & REPORTS

FIRE CHIEF COMMENTS & REPORTS

MAYOR & COUNCIL MEMBER REPORTING OF COUNTY & REGIONAL MEETINGS

This is the time for comments, announcements and/or reports on meetings attended at public expense as required by AB 1234.

PUBLIC HEARINGS

The order of business for the Public Hearing shall be:

- A. Open Public Hearing
- B. Staff Presentation
- C. Applicant/Representative Presentation
- D. Public Testimony
- E. Applicant Rebuttal (if necessary)
- F. Public Testimony Closed
- G. Close Public Hearing
- H. Council/Agency/Authority Discussion
- I. Council/Agency/Authority Motion and Vote

Speakers are encouraged to be brief and remain within the established time limit of three (3) minutes per speaker. Once the public hearing has been closed, no further testimony will be taken.

10. **CONTINUED PUBLIC HEARING:** ZONE TEXT AMENDMENT 15-01 (PROPOSED ORDINANCE NO. 337) APPROVING ZONE TEXT AMENDMENT 15-01 TO AMEND SECTION 18.10.020 OF CHAPTER 18.10 (DEFINITIONS) AND TO AMEND MULTIPLE SECTIONS OF CHAPTER 18.30 (INDUSTRIAL ZONE DISTRICTS) OF THE CALIMESA MUNICIPAL CODE RELATING TO BUSINESS PARK AND LIGHT INDUSTRIAL USES INCLUDING WAREHOUSES. [Page 69](#)

RECOMMENDATION: That the City Council continue the public hearing to the next Regular City Council meeting on August 17, 2015.

BUSINESS ITEMS

11. SAN GORGONIO PASS WATER AGENCY FACILITY CAPACITY FEE [Page 70](#)

RECOMMENDATION: That the City Council receive the presentation from the San Gorgonio Pass Water Agency.

12. CITY COMMISSION APPOINTMENT [Page 72](#)

RECOMMENDATION: That Mayor Pro Tem Zanowic appoint one member to the Planning Commission and that City Council ratify the appointment by a majority vote and adopt Resolution No. 2015-32 providing for appointment made.

13. REGULAR REPORTING BY THE CALIMESA CHAMBER OF COMMERCE. [Page 76](#)

RECOMMENDATION: That the City Council amend the Council agenda format to include a standing report from the Calimesa Chamber of Commerce on the second Council meeting of each month.

COUNCIL MEMBERS' COMMENTS & REPORTS

This is the time for additional general comments, announcements, reports on meetings attended at public expense as required by AB 1234, requests of staff, and other issues of concern to Council Members may be presented briefly at this time. The Council may not legally take action on any item presented at this time other than to direct staff to investigate a complaint or place an item on a future agenda unless (1) by a majority vote, the Council determines that an emergency situation exists, as defined by Government Code § 54956.5 or (2) by a four-fifths vote, the Council determines that there is a need for immediate action and the need for action arose subsequent to the agenda being posted as required by Government Code § 54954.2(b).

CITY MANAGER COMMENTS & REPORTS

CLOSED SESSION ITEMS

A. PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Pursuant to Government Code Section 54957

Title: City Manager

B. PUBLIC EMPLOYEE APPOINTMENT

Pursuant to paragraph (1) of subdivision (b) of Government Code Section 54957

Title: City Manager

C. CONFERENCE WITH LABOR NEGOTIATORS

Pursuant to Government Code Section 54957.6

City's designated representatives: Mayor and Mayor Pro Tem

Unrepresented employee: City Manager candidate

ADJOURNMENT

Adjourn to the Regular Meeting of the City Council on Monday, August 17, 2015 at 6:00 p.m.

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: August 5, 2015

Prepared By: Joseph Zoba, General Manager

Subject: Purchase of Imported Water for Calendar Year 2016

Recommendation: That the Board authorizes the District staff to purchase imported water from the San Bernardino Valley Municipal Water District and the San Geronio Pass Water Agency for Calendar Year 2016.

On November 18, 2002, the San Bernardino Valley Municipal Water District adopted Resolution No. 888 which describes the rules, regulations, and rates for the sale and delivery of supplemental water. The adopted water rates consist of a \$108/AF energy charge and a \$40/AF conveyance charge for a total base price of \$148/AF. The following chart illustrates the discounts and surcharges that apply to water purchases.

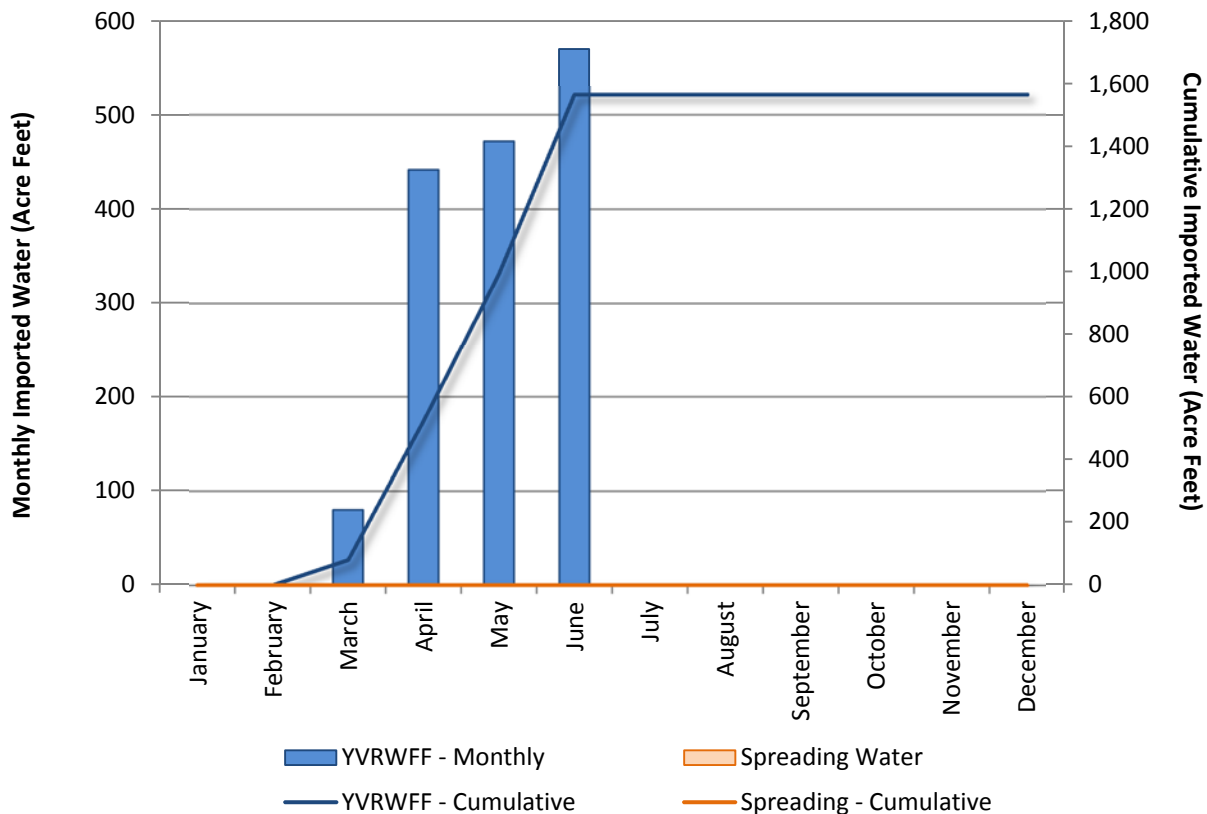
	Criteria	Payment Method	Discount / Surcharge	Water Rate
Tier I Plan Ahead	Water ordered prior to December 31 st for delivery in the following calendar year.	Option 1 - Payment for 1/12 th of the water ordered due at the end of each month for the base price.	0% Discount of base water rate	\$148/AF
		Option 2 - Payment in full by January 31 st for discounted rate.	15% Discount of base water rate	\$125.80/AF
Tier II Seasonal Storage	Water ordered for groundwater recharge prior to December 31 st for delivery during January through May of the following year.	Option 1 - Payment for 1/5 th of the water is due at the end of each Tier II month for the base price.	0% Discount of base water rate	\$148/AF
		Option 2 - Payment in full by January 31 st for discounted rate.	20% Discount of base water rate	\$118.40/AF
Tier III Spot Market Purchase	Water ordered at any time during the calendar year for delivery in the same calendar year.	Payment method pursuant to Section 4.07 of the Rules and Regulations.	25% Surcharge of base water rate	\$185/AF
Outside Water Rates	Water purchased from SBVMWD for use outside of the boundary of SBVMWD.	Payment method pursuant to Section 4.07 of the Rules and Regulations. Rate based on DWR Bulletin 132 Appendix B.	--	\$378.89/AF

Overall, SBVMWD offers very competitive water rates for planning ahead and paying for the requested water delivery within the first month of the year. However, there is no guarantee with respect to receiving water ordered and paid for at the beginning of the year. It is possible that

operational issues with the State Water Project and/or lack of rainfall in northern California can result in less water being delivered than paid for by the Yucaipa Valley Water District.

Overview of Current 2015 Water Deliveries - SBVMWD & SGPWA

On September 17, 2014, the Board authorized the purchase of 3,600 acre feet of imported water for the Yucaipa Valley Regional Water Filtration Facility a cost of \$125.80 per acre foot, for a total cost of \$452,880 [DM 14-074]. Based on our imported water order, the District received the following quantity of water to date for Calendar Year 2015.



Based on the current availability of imported water, the District anticipates using an additional 1,800 acre feet of water this year which will provide a remaining balance of about 3,580 acre feet of water available for 2016.

In 2015, the District anticipates purchasing about 500 acre feet from the San Gorgonio Pass Water Agency.

Anticipated Water Delivery for 2016- San Bernardino Valley Municipal Water District

On December 31, 2015, the Yucaipa Valley Water District expects a pre-paid balance of approximately 3,580 acre feet of imported water on account for drinking water treatment and no imported water on account for spreading purposes with the San Bernardino Valley Municipal Water District. The District staff requests authorization for the purchase of 3,700 acre feet of

imported water at \$125.80 per acre foot, for a total cost of \$465,460 from the San Bernardino Valley Municipal Water District.

In the event of an El Nino event, the Yucaipa Valley Water District is prepared to purchase at least \$350,000 worth of imported water for conjunctive use purposes. At a rate of \$75/acre foot, this would provide 4,667 acre feet to recharge the local/regional groundwater basins. The District staff anticipates requesting authorization to purchase this water under a separate memorandum when the availability and price is determined.

Anticipated Water Delivery for 2016- San Gorgonio Pass Water Agency

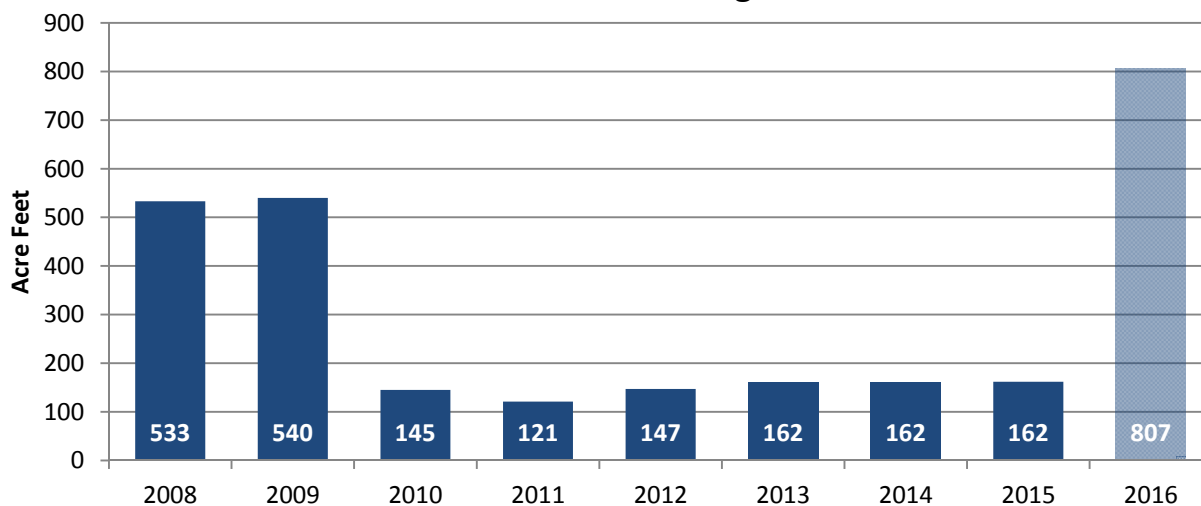
The Yucaipa Valley Water District will submit an order for 540 acre feet of imported water from the San Gorgonio Pass Water Agency in 2016 for direct delivery to the Yucaipa Valley Regional Water Filtration Facility. An additional 2,500 acre feet of water will be requested for replenishment of the local groundwater basins at the Noble Creek Spreading Basins. Based on the policies and practices of the San Gorgonio Pass Water Agency, the District staff is confident that the 540 acre feet will be delivered to the Yucaipa Valley Water Filtration Facility, but it is unclear whether the 2,500 acre feet of imported water will be fulfilled pursuant to our request.

The cost of water from the San Gorgonio Pass Water Agency is \$309 per acre foot.

Yucaipa Valley Water District Wholesale Water Service to Western Heights Mutual Water Co.

The Yucaipa Valley Water District processes imported water at the Yucaipa Valley Regional Water Filtration Facility for the Western Heights Mutual Water Company. Western Heights Mutual Water Company has requested the purchase of 807 acre feet of imported water from the San Bernardino Valley Municipal Water District for Calendar Year 2016. The District will order water in advance for service to Western Heights Mutual Water Company. The quantity of water ordered by WHMWC will be included in the District's imported water purchase with San Bernardino Valley Municipal Water District but tracked separate from the District's order for accounting purposes.

Historical Wholesale Drinking Water Sales





Date: August 5, 2015

Prepared By: Brent Anton, Engineering Manager

Subject: Authorization to Solicit Bids for the Construction of an Interim Recycled Water Booster NB-12.3

Recommendation: That the Board authorizes the District staff to solicit construction bids for the recycled water booster station.

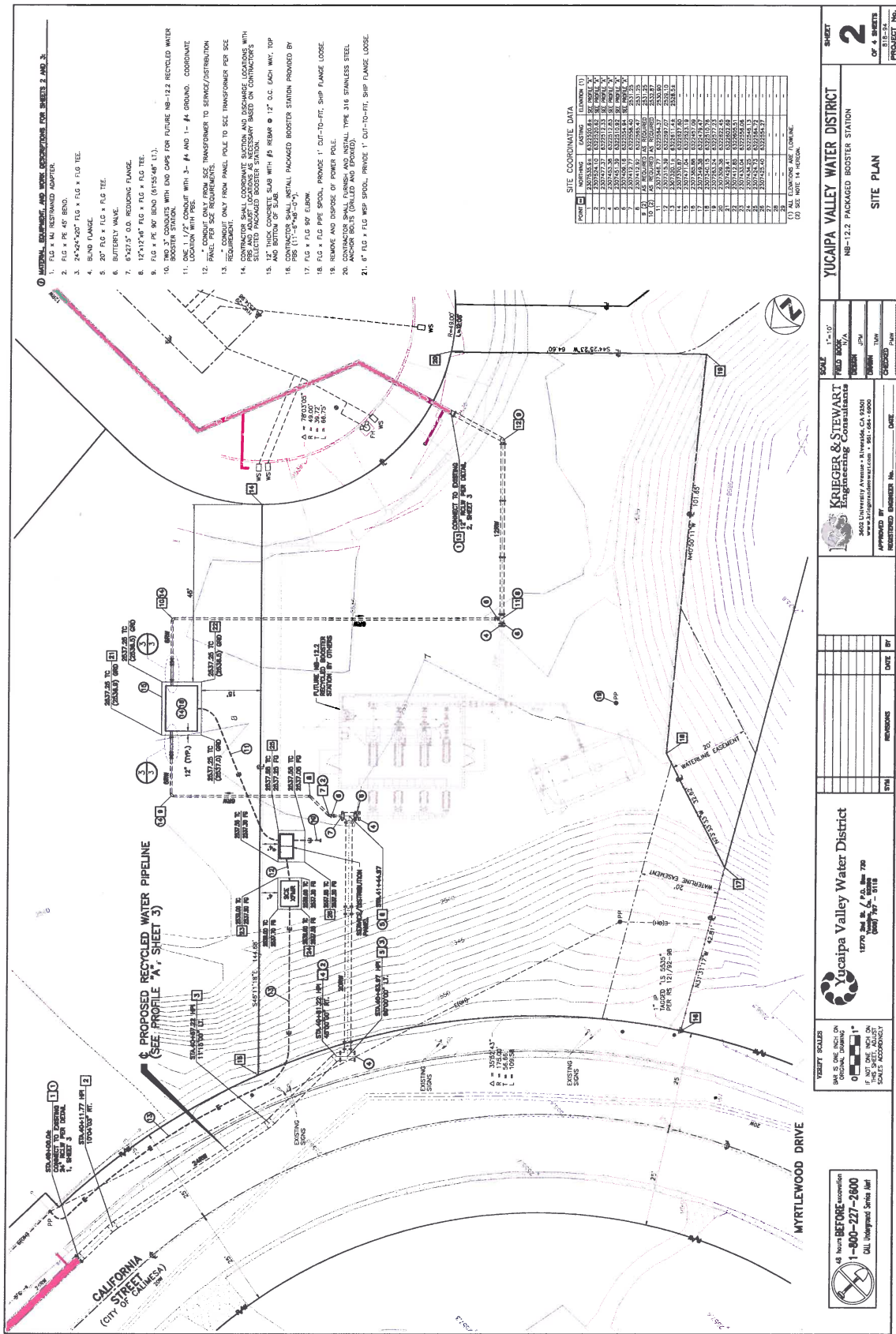
The Yucaipa Valley Water District has essentially completed the design and bid package for an interim recycled water booster facility at the southerly terminus of California Street in the City of Calimesa. The interim recycled water booster station will be utilized immediately upon completion and will ultimately be replaced with a permanent recycled water booster station in the future.



At the Board meeting on June 17, 2015, a public hearing was conducted and Resolution No. 2015-12 was adopted certifying the Final Mitigated Negative Declaration for the booster project [Director Memorandum 15-060].

The District staff is in the process of completing and reviewing the final design drawings and bid specifications. Upon receiving authorization to solicit bids, the District staff will finalize the bid documents, solicit bids and provide the bid results back to the Board for consideration at a future board meeting.

This project qualifies as a Mitigated Negative Declaration pursuant to Section 15072 of the California Environmental Quality Act (CEQA) guidelines.





Date: August 5, 2015

Prepared By: Joseph Zoba, General Manager

Subject: Approval of a Memorandum of Understanding for the San Gorgonio Pass Regional Water Alliance and the Payment of the 2015-16 Assessment

Recommendation: That the Board approves the Memorandum of Understanding and authorizes a financial contribution of \$500 for Fiscal Year 2015/16.

The San Gorgonio Pass Regional Water Alliance (Alliance) was created to enhance the cooperation and coordination between the water resource and land use agencies in the Pass area. The current members of the San Gorgonio Pass Regional Water Alliance include:

- City of Banning;
- Banning Heights Mutual Water Company;
- City of Beaumont;
- Beaumont Cherry Valley Water District;
- Cabazon Water District;
- City of Calimesa;
- High Valleys Water District;
- Mission Springs Water District;
- Morongo Band of Mission Indians;
- County of Riverside;
- San Gorgonio Pass Water Agency;
- South Mesa Mutual Water Company; and
- Yucaipa Valley Water District.

On February 5, 2014, the Board of Directors adopted Resolution No. 2014-03 that formalized our participation in the San Gorgonio Pass Regional Water Alliance.

The Alliance members have decided to request each member agency to adopt the Memorandum of Understanding (MOU) annually to reaffirm their commitment to work together to provide solutions for regional issues. The latest version of the MOU for 2015/16 is attached on page 3 of this memorandum.

At the Alliance meeting on May 27, 2015, the Alliance members voted to contribute \$500 per member to fund the organization for Fiscal Year 2015-16. While the Alliance began the Fiscal Year with a balance of \$17,000, the Yucaipa Valley Water District has not contributed funds to this organization. At the original formation meetings of the Alliance, the District staff agreed to assist the organization by contributing staff time for the preparation of meeting agendas and emailing meeting notices to members and the public. While the District staff will continue to provide these in-kind services, the District staff recognizes the in-kind/financial contributions of other agencies and the need to provide funds for the success of the organization.

RESOLUTION NO. 2014-03**RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT
ELECTING TO JOIN THE SAN GORGONIO REGIONAL WATER ALLIANCE**

Whereas, the Riverside County Board of Supervisors unanimously supported creation of the San Gorgonio Pass Regional Water Task Force comprised of every agency in the region involved with water supply, in order to identify challenges in water supply and water quality for the region, to develop mutually beneficial solutions that include coordinating plans and infrastructure development that ultimately delivers clean, reliable and affordable water supplies for the citizens of the San Gorgonio Pass area for the foreseeable future; and

Whereas, members of these agencies have been meeting together since May 2013 as a San Gorgonio Pass Regional Water Task Force for these purposes, and have agreed that a better understanding of the working relationships will be helpful to all involved; and,

Whereas, the San Gorgonio Pass Area local governments and water districts understand that regular coordination, collaboration, and communication will result in improved management of water resources at local and regional levels; and,

Whereas, the San Gorgonio Pass Regional Water Task Force (Task Force) members have developed a Memorandum of Understanding (MOU) to establish the mutual understandings of the members of this Task Force with respect to certain voluntary joint efforts toward regional coordination, collaboration, and communication of water resource projects and programs; and,

Whereas, the Task Force has proposed that those agencies that subscribe to the precepts of the MOU shall be called the San Gorgonio Regional Water Alliance (Alliance); and,

Whereas the goals of the Alliance are to improve coordination, collaboration, and communication among local government water purveyors in the San Gorgonio regional area, to achieve greater efficiency and effectiveness in delivering water supplies. Services are local control; and to develop and promote common water strategies that will, when implemented, fulfill the water demands of the regional area for the foreseeable future.

NOW, THEREFORE, BE IT HEREBY RESOLVED AND ORDERED, that the Board of Directors of the Yucaipa Valley Water District does hereby agree to participate in the Alliance as a supporter and advocate of fostering cooperation and coordination in the region.

PASSED, APPROVED and ADOPTED this 5th day of February 2014.

Memorandum of Understanding
San Gorgonio Pass Regional Water Alliance
A Coordination of Regional Water Providers

1. Background

The San Gorgonio Pass Area local governments and water districts understand that regular coordination, collaboration, and communication can result in improved management of water resources at local and regional levels. Water is a limited resource, and in May 2013, County Supervisor Marion Ashley appointed, with the approval of the entire County Board of Supervisors, a Pass Water Policy Panel. The Panel is made up of representatives in the San Gorgonio Pass Area. The Panel, known as the San Gorgonio Pass Regional Water Alliance ("SGPRWA") is to identify challenges in water supply and water quality for the region, to develop mutually beneficial solutions that include coordinating plans and infrastructure development that ultimately delivers clean, reliable, and affordable water supplies for the citizens of the San Gorgonio Pass area for the foreseeable future.

2. Purpose

The purpose of this Memorandum of Understanding (MOU) is to establish the mutual understandings of SGPRWA with respect to certain voluntary joint efforts towards regional coordination, collaboration, and communication of water resource programs.

3. Goals

The goals of the SGPRWA are:

- 3.1 To improve coordination, collaboration, and communication among local government water agencies in the San Gorgonio regional area, to achieve greater efficiency and effectiveness in delivering water supplies. Services are local control.
- 3.2 To develop and promote common water strategies that will, when implemented, fulfill the water demands of the regional area for the foreseeable future.

4. Definitions

- 4.1 San Gorgonio Pass Regional Water Alliance. Participating county, local governments, and water agencies in the San Gorgonio Regional area.
- 4.2 Signatories. The parties signing this MOU (Signatories) constitute the current participants.

5. Mutual Understandings

5.1 Alliance Agreements. Principal idea of non-binding collaborative is so that we do not overstate supplies in area. The collaborative is to share resources and opportunities that can benefit our area that we might not qualify for individually. Agreements of the Alliance members:

- 1) Water supply is a regional need

- 2) Affordable quality water is a regional need
- 3) We, the Alliance, are interested in obtaining affordable quality water supply for our individual districts
- 4) Regional collaboration allows for an opportunity for us to obtain #3 above

As we agree on these four points, we also agree to explore opportunity of an integrated water management plan for the area.

5.2 Participation. Participation is strictly voluntary and may be terminated at any time without recourse. San Geronio local governments and water agencies will be invited to become Signatories.

5.3 Activities. Efforts pursued under this agreement will remain consistent with and will not exceed the current authority for any individual participating local government and water agency. Efforts will include information dissemination and sharing between local governments, water agencies, public outreach, and education and other activities as mutually agreed upon from time to time among the Signatories.

5.3.1 It is anticipated that the Signatories will meet at least monthly with subcommittee meeting happening in between full Alliance meetings.

5.4 Funding. Individual Signatories are not required to commit funding to any other Signatory of the Alliance. Recognizing this is a voluntary, non-binding agreement, Signatories agree to commit such resources as are required to implement actions agreed upon per Section 5.4 herein within their individual service areas, subject to approval and direction of the governing bodies of each Signatory.

5.5 Decision Making. Consensus will be sought when the need for decisions arises. Decisions lacking consensus may be implemented by such individual Signatories that choose to do so, but said decisions may not be considered activities of the Alliance.

5.6 Non-binding Nature. This document and participation under this MOU are non-binding, and in no way suggest that a local municipal government or water agency may not continue its own activities as each government and water agency is expected to continue its own policies and procedures, and undertake efforts to secure project funding from any source. A local government or water agency may withdraw from participation at any time.

5.7 Termination. Signatories may terminate their involvement at any time with no recourse.

6. Signatories to the Memorandum of Understanding

We, the undersigned representatives of our respective governing bodies, acknowledge the above as our understanding of how the SGPRWA Coordination, Collaboration, and Communication MOU will be implemented.

This MOU will be revisited annually.

Signatures on the following page

Marion Ashley
County of Riverside
Supervisor, Fifth District

Deborah Franklin
City of Banning
Mayor

Lloyd White
City of Beaumont
Councilmember

Jeff Hewitt
City of Calimesa
Mayor Pro Tem

Alan Hamdorf
Banning Heights Mutual Water Co.
President

Ken Ross
Beaumont-Cherry Valley Water Dist.
Director, Division 5

Kerri Mariner
Cabazon Water District
Director

Ernest Wright
High Valleys Water district
President

Russ Martin
Mission Springs Water District
Chairman

Robert Martin
Morongo Band of Mission Indians
Tribal Council Member

Mary Ann Melleby
San Geronio Pass Water Agency
President

George Jorritsma
South Mesa Mutual Water Company
President

Tom Shalhoub
Yucaipa Valley Water District
Director



INVOICE 07-28-2015

Yucaipa Valley Water District
 12770 Second Street
 Yucaipa, CA 92399

BALANCE DUE
 Upon Receipt
\$500.00

Notes: At the May 27, 2015 meeting of the Alliance, member representatives voted to agree to pay \$500.00 per agency to fund the 2015-2016 fiscal year budget. (Minutes are attached to this invoice.)

Item Description	Quantity	Price Per	Total
2015/2016 Alliance Dues			\$500.00
Payable to: Riverside County RDA Please Provide the following notation on the check: : For deposit only to San Gorgonio Pass Regional Water Task Force account			
Send to: Admin for San Gorgonio Regional Water Task Force C/O Phil Rosentrater, Deputy Director Riverside County RDA 3403 10 th Street, Suite 300 Riverside, CA 92501			
TOTAL			\$500.00

San Gorgonio Pass Regional Water Resource Alliance

Meeting Minutes of Wednesday, May 27, 2015 at 6:00 p.m.

Banning City Hall Council Chambers
99 East Ramsey Street, Banning California, 92220

I. Call to order

Debbie Franklin called to order the regular meeting of the San Gorgonio Pass Regional Water Alliance at 6:03 p.m. on May 27, 2015 at Banning City Hall.

II. Public Comments

Debbie Franklin opened public comments. Seeing none, the public comments section was closed.

III. Approval of Minutes

A motion was made, seconded and carried to accept the April 22, 2015 meeting minutes.

IV. Presentation

Member Agency Profile of Yucaipa Valley Water District presented by Bruce Granlund.

V. Technical Committee Reports

- a) **Messaging Committee:** Mary Ann Melleby reported the website is up, the committee has received training and now they are working on a marketing plan to drive traffic to the website using media, member agencies, flyers and email. Would also like to encourage the public to attend Alliance meetings by the same means. Website addresses are www.passwateralliance.com and www.passwateralliance.org. It was noted by Mary Ann Melleby that the April 22, 2015 minutes regarding the website address were not correct. The budget to create the website was not to exceed \$5500.00. To date the Alliance has spent \$4142.00 with an additional \$90.00 per month totaling \$1080.00 for 12 months of webmaster services and web hosting totaling of \$5,222.00.
- b) **Recycled Water Committee:** Eric Fraser reported Beaumont Cherry Valley water District and Yucaipa Valley Water District continue to work on their agreement for providing recycled water to BCVWD. Finalized agreements are being presented to both boards next month.
- c) **Conservation Committee:** Debbie Franklin reported the committee has been focused on three main areas of interest:

- 1) The annual drought tolerant plant event at Home Depot does not include the Beaumont location on their flyer. It needs to be confirmed if Beaumont is participating in the event.
- 2) The efficient program. Efficient has conducted two surveys six months apart to confirm the public awareness concerning the drought has been raised. It was suggested that a presentation should be made by Efficient to the Alliance to show what the value in participating would be. The cost of participating is between \$5,000.00 and \$10,000.00. The Alliance can also investigate alternate avenues for creating public awareness such as video and theatre advertising. The main focus should be on outdoor water usage.
- 3) Turf Removal. The public should be made aware there is no local dollars available for turf rebate programs. The Alliance is actively seeking grant money, having approved \$5,000.00 for grant writing services. However, it should be noted the grant money would not be available until November or December 2015.

D) **Administrative Committee:** Debbie Franklin reported the Administrative Committee has been considering for action by the Alliance any changes they deemed necessary to the following documents:

Memorandum of Understanding (MOU)
Best Practices
2015-2016 Tentative Budget
Common Agreements

The following changes to each document were discussed and approved:

Memorandum of Understanding: Correct the name of the Alliance from San Gorgonio Regional Water Resource Alliance/Task Force to the San Gorgonio Regional Water Alliance. Change the use of Task Force to Alliance, and purveyor(s) to agency(ies).

Best Practices: Correct the name and change all references of the Task Force to the Alliance. Add the May session as the annual meeting to review the MOU, Best Practices and Election of Officers to ensure the Alliance is still on target with their primary goals. Add the months of November and December as dark months. Update the website address, quorum requirements and voting restrictions.

2015-2016 Tentative Budget:

Administrative					
Legal		\$1,200			
Grant Writing		\$5,000		\$6,200	
Outreach					
Web Maintenance		\$1,200			
Survey Monkey		\$80		\$1,280	
Projects					
Data, Analysis		\$1,000		\$1,000	

Members voted to agree to pay \$500.00 each agency to fund the 2015-2016 Fiscal Year. The funds are administered by the county and as such the county needs to clearly define the payee and remittance address for the appropriate accounting of such funds. It was reported the Alliance began the fiscal year with a balance of \$17,000.00. After expenditures of \$4,163.98 there is now a balance of \$12,836.02.

Common Agreements: It was decided the common agreements still hold true. The only suggested changes were the name in the title and that the agreements are added as an addendum to the MOU.

VI. Election of Officers

- a) Chair: Debbie Franklin, motioned and carried
- b) Vice Chair: Kerri Mariner, motioned and carried
- c) Secretary: Mary Ann Melleby, motioned and carried
- d) Treasurer: Phil Rosentrator, motion and carried

VII. Comments by Alliance Members

The website committee was commended for a job well done. The Alliance membership is appreciative of the work and effort involved in making it a success. Bruce Granlund was thanked for his presentation.

VIII. Future Topics:

- a) Wish List round table discussion of Long Term Big Projects
- b) Chromium VI presentation
- c) CV Strategies- inefficient
- d) History of the Big Bear Dam

- e) Agency plans for water use reductions
- f) Presentation from the Executive Director of the California Rural Water Assoc.

IX. Adjournment

Debbie Franklin adjourned the meeting at 7:25 p.m.

Respectfully submitted,

City of Banning

THE ACTION MINUTES SUMMARIZE ACTIONS TAKEN BY THE ALLIANCE. A COPY OF THE MEETING IN ITS ENTIRETY IS AVAILABLE IN DVD FORMAT AND CAN BE REQUESTED IN WRITING TO THE CITY OF BANNING CLERK'S OFFICE.



Date: August 5, 2015

Prepared By: Joseph Zoba, General Manager

Subject: Authorization to Implement a Recycled Water Filling Station for the Use of Recycled Water Throughout our Community

Recommendation: That the Board, by minute order, directs District staff to take the necessary steps to implement a recycled water filling station program for the Yucaipa Valley Water District.

The Yucaipa Valley Water District staff has been investigating the implementation of a recycled water filling station to meet the needs of customers interested in using recycled water for irrigation use at their homes.

One of the best recycled water filling programs in the State of California was developed and implemented by the



Dublin San Ramon Services District

Water, wastewater, recycled water

Dublin San Ramon Services District in northern California. Their recycled water filling station program has been recognized by the California Association of Sanitation Agencies with a 2014 Technological Innovation and Achievement Award, and was named the 2014 Water Recycling Outreach/Education Program of the Year by WateReuse California.

The staff members at the Dublin San Ramon Services District have been extremely helpful in providing suggestions and advice to implement a similar program in southern California.

Specific information about the Dublin San Ramon Services District's recycled water filling station can be downloaded at: <http://www.dsrsd.com/outreach/drought-watch-water-conservation/fill-station-faqs>

The District staff will work with our local Department of Drinking Water and the Regional Water Quality Control Board to implement a program similar to the recycled water filling station program established by the Dublin San Ramon Services District.

The District staff will provide regular updates at board workshops, board meetings, community meetings, and other venues as appropriate. Due to the current drought conditions, the District staff will work hard to expedite the implementation of this program. With your approval, we look forward to providing a new service to our customers.

RESIDENTIAL RECYCLED WATER FILL STATION

Font Size: [+](#) [-](#) [+](#) [Share & Bookmark](#) [\[+\]](#) [Feedback](#) [Print](#)

Free Recycled Water For Home Landscaping

During the drought emergency, residents can pick up free recycled water from the DSRSD residential fill stations to water home landscaping or wash pavement and other hard surfaces. As of July 2015, the fill stations have more than 2,500 users, and they have hauled home more than 12 million gallons of irrigation water.

Due to the overwhelming popularity of this program, at this time we are only accepting new fill station users from the areas DSRSD serves. You must have a Dublin, San Ramon, or Pleasanton address on your driver's license to apply for an ID card.

Dublin, San Ramon, or Pleasanton

residents: before your first water pickup, you must sign a [Residential Recycled Water Use](#)

[Agreement](#), be trained in proper procedures, and receive an ID card and stickers for your water [containers](#).

Bring the completed agreement to either fill station during the new customer hours. Blank forms also are available at the fill station. The attendant will provide required training and issue your ID card. Once you have an ID card, you may use it at either DSRSD fill station.

If you already have an ID card, you may continue to use our fill stations, regardless of where you live.

Customers of the agencies listed below may wish to use their fill stations. Other Bay Area fill stations may be opening soon.

- [Central Contra Costa Sanitary District](#)
- [City of Livermore and California Water Service - Livermore](#)
- [Delta Diablo](#)
- [Ironhouse Sanitary District](#)
- [City of Brentwood](#)
- [North Marin Water District](#)

[Where can you buy containers and pumps?](#)

[New! Fill Station FAQs](#)



Watch this [video](#) to learn how you can obtain free recycled water for your home landscaping.

News Releases

DSRSD Opens Second Residential Recycled Water Fill Station at the City of Dublin Public Safety Complex, 6363 Clark Avenue, Dublin

Post Date: 06/29/2015

Last week, the Dublin San Ramon Services District (DSRSD) opened a second residential recycled water fill station, located at the City of Dublin's Public Safety Complex, at 6363 Clark Avenue in Dublin.

DSRSD offers the free recycled water to homeowners in order to help keep their landscaping alive during the drought, due to the two days per week irrigation restrictions.

The new Dublin fill station is much smaller than the original station at the water recycling plant in Pleasanton, and has a few different rules and more limited hours. However, wallet cards received from the Pleasanton Fill Station are acceptable at the Dublin Station.



- Users should approach the Dublin Public Safety Complex/Fill Station via Village Parkway, and turn right into the Safety Complex/Fill Station. This is to prevent traffic from backing up onto Dublin Boulevard. Users may not turn onto Clark Avenue from Dublin Boulevard. (See map.)

- Trailers are not allowed because the parking lot is too small to accommodate trailers safely. (Vehicles pulling trailers should use the Pleasanton fill station, located at 7399 Johnson Drive.)

- Dublin fill station hours are as follows and are subject to change:
 - Monday, Wednesday, Friday, from 9:00 a.m. to 4:00 p.m. (Closed on Friday, July 3.)
 - New users may sign up on Monday, Wednesday, or Friday between 8:00 a.m. and 9:00 a.m., only.
 The existing Pleasanton fill station offers different times for training new users. (Please see the DSRSD website at www.dsrdsd.com.)

- At both fill stations, the maximum load per visit is 300 gallons, and users need to heed their vehicle's loading capacity. There is no limit on the number of visits per day.

The District opened its first residential recycled water fill station a year ago after all Tri-Valley water agencies set strict limits on using drinking water for landscape irrigation. The program has become extremely popular, with more than 2,000 registered users and 7.6 million gallons distributed to date.

The recycled water is free to any resident willing to purchase containers and transport it. Users do not have to be DSRSD customers. To get started, fill station users sign an agreement and receive training and an ID card during new customer hours that are held at specific times. Complete instructions for using either fill station, including current hours and suggestions for where

to buy containers, are available online at www.dsrdsd.com/free-recycled-water.

About DSRSD

Founded in 1953, DSRSD serves 159,000 people, providing potable and recycled water service to Dublin and the Dougherty Valley area of San Ramon, wastewater collection and treatment to Dublin and south San Ramon, and wastewater treatment to Pleasanton (by contract). More information about the District can be obtained at www.dsrdsd.com.

About the City of Dublin

Incorporated in 1982, Dublin is a dynamic city in the East Bay region of Alameda County, at the crossroads of interstates 580 and 680. More information about the City of Dublin can be obtained at www.dublin.ca.gov.

Contacts:

DSRSD: Sue Stephenson, 925-875-2295 (office), 925-570-5739 (cell), stephenson@dsrdsd.com
City of Dublin: Lori Taylor, 925-833-6650, Lori.Taylor@dublin.ca.gov



(Above) A resident fills up his carboy with recycled water at the new Dublin Fill Station. Due to limited space, this station can only accommodate residents driving pickup trucks or cars, no trailers.

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(PLEASE FILL OUT ONLINE, PRINT AND BRING TO FILL STATION)



Recycled Water Fill Station
7399 Johnson Drive
Pleasanton, CA 94588

(925) 828-0515
www.dsrdsd.com

Residential Recycled Water Use Application and Agreement



Customer Name _____ Your Water Agency _____

Service Address _____ City _____ Zip _____

Phone _____ Email Address _____
(Must provide email address & please print clearly)

License Plate #s of vehicles used to collect recycled water: _____

Recycled Water Use Location: _____

Recycled water will be used for:

- Irrigation of trees, landscaping, garden
- Vehicle washing
- Surface washing outdoor furniture
- Surface washing hard surfaces (paths, walls, etc.)
- Other _____

How are you going to apply recycled water? _____

What type and size of container (must be secured with a lid) will you use to collect the recycled water?

Things to know about the use of recycled water:

1. *What is tertiary-treated recycled water and is it safe?*
Recycled water is wastewater that has been processed through primary, secondary, and tertiary treatment, and disinfection with ultraviolet light must meet strict standards of the California Department of Public Health (CDPH).
2. *What can I use recycled water for?*
Based on CDPH, Title 22 requirements, tertiary-treated recycled water can be used to:
 - ✓ Water your trees, gardens, vegetables, and lawns; and
 - ✓ Wash your car, outdoor furniture and hard surfaces (paths, walls, windows, etc.)
3. *What is this recycled water **NOT** suitable for?*
 - Drinking
 - Filling swimming pools or spas

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- Cooking or use in the kitchen
 - Bathing or showering
 - Children's water toys
 - Plumbing it to the household domestic plumbing system
4. *Why is recycled water not safe to drink? What happens if I drink it?*
Tertiary-treated recycled water is not approved for drinking. If you accidentally drink recycled water, there is no need to panic. Should you experience any adverse symptoms or feel unwell, consult your doctor.
5. *Can I water my plants with recycled water?*
Yes, all plants can be watered with recycled water. This includes edible plants such as fruit trees, vegetables and herbs. Just remember to wash all fruits, vegetables, and herbs with drinking water prior to consumption.

Recycled water tends to have a slightly higher salt content than drinking water. We recommend that you direct the recycled water to the roots of the plants and not on the foliage. This will protect foliage from potential leaf burn. (See Chapters 4.10 & 4.30 of the District Code, including §§ 4.10.010.A & 3.30.050.B.)
6. *Do water-use restrictions (conservation) apply to recycled water?*
No. Water-use restrictions do not apply to recycled water. However, recycled water is a valuable resource and should not be wasted.
7. *Who develops the health standards for recycled water?*
Recycled water is strictly monitored to ensure it meets water quality standards set by the California Department of Public Health and the U.S. Environmental Protection Agency (EPA).
8. *How much will recycled water cost me?* Nothing, it's free.
9. *How much recycled water can I pick up at a time?*
The maximum per load is 300 gallons. If you need more than 300 gallons per pickup you can obtain a Recycled Water Commercial Fill Station Permit that includes an annual fee of \$73, and each pickup will cost \$10 per load. Keep in mind the size of your vehicle when selecting transport containers. Water weighs 8.345 pounds per gallon, so two 55-gallon drums of recycled water will weigh over 900 pounds. Ensure your vehicle can handle the amount of recycled water you collect and transport. ***DSRSD is not liable for any personal injuries or property damages, including to you or your vehicle(s), due to your participation in the residential recycled water fill station program.***
10. *What are the rules and regulations for residential use of recycled water?*
- a) Fill out the application and sign the Recycled Water Use Agreement. Obtain DSRSD approval.
 - b) Collection and storage containers shall have DSRSD's Recycled Water Notice stickers placed on them to ensure everyone is aware recycled water is stored in the container and the water is not suitable for human consumption. The stickers are available at the wastewater treatment plant.
 - c) It is ***illegal*** to connect recycled water containers and equipment to buried irrigation systems or to onsite drinking water supply. If an illegal connection does occur you, your family, and neighbors could end up drinking recycled water. Violators are subject to fines up to \$1,000 and loss of pickup privileges.
 - d) Recycled water shall not be discharged to the street gutter or storm drain system. If you

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have leftover recycled water and want to dispose of it, either discharge it to a landscaped area or to the sanitary sewer system via an onsite cleanout.

- e) After working with recycled water, remember to apply hand sanitizer or wash hands with soap and domestic drinking water, especially before eating or smoking.
- f) **DO NOT DRINK** recycled water, place in swimming pools, or use it for food preparation.
- g) Take precautions to avoid contact with food while using recycled water.
- h) Wash vegetables with domestic water prior to eating or cooking (the majority of the vegetables in the grocery stores are irrigated with recycled water).
- i) No one shall play with or drink recycled water.
- j) The District or your water purveyor may conduct site visits to ensure your proper use of recycled water and to ensure the health and safety of your family and the public.

Procedures to Obtain Recycled Water

- a) Complete this use agreement form (form can be filled out online, then printed and signed) and bring it to a DSRSD fill station during designated hours for new customer sign-ups. Hours are posted at www.dsrdsd.com
- b) The on-duty attendant will provide required training in the proper use of recycled water and procedures for collection, issue you a wallet card, and answer any questions you may have.
- c) During training you will be provided with Recycled Water Notice stickers that need to be placed on all containers used to transport and store recycled water.
- d) After training is complete and stickers have been installed on the containers, you will be able to pick up recycled water during the designated residential fill station "open" hours, posted on the District's website at www.dsrdsd.com.
- e) You will be required to show the attendant the wallet card you received at the time of training. Do not share your wallet card with others. All users must receive training to ensure they are informed of the use requirements.
- f) During each pickup, the attendant will scan the bar code that is on back of the wallet card and will enter the amount of recycled water you are collecting.

In consideration of being allowed to use recycled water, I hereby waive, release, and discharge the Dublin San Ramon Services District (DSRSD), its directors, officers, agents, and employees (herein collectively referred to as "the District") from any liability of any sort (including all claims, demands, damages, actions or causes of action in law or in equity), arising from injuries, including death, or property damages that I may suffer as a result of using a DSRSD residential fill station to obtain recycled water except to the extent arising from the negligence or premises liability of the District.

I fully understand and voluntarily assume the risk of injuries, including death, or property damages that I may suffer as a result of using a DSRSD residential fill station to obtain recycled water, including my access to and use of the filling station, except to the extent arising from the negligence or premises liability of the District.

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Certification Statement/Signature Section

By checking this box, I understand all the conditions of this agreement and agree to comply with these conditions and conform to DSRSD requirements for recycled water use at my residential property. I understand that using recycled water beyond what is allowed under this agreement is illegal and failure to comply with the conditions of this agreement may lead to fines up to \$1,000 and loss of privilege to use recycled water at my residential property.

First Name Last

Residential Property Address City

Signature Date

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

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