CRESCENTA VALLEY WATER DISTRICT

2700 Foothill Boulevard
La Crescenta, California

Agenda for the
Adjourned Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, May 21, 2016 at 6:00 p.m.

Posted: May 17, 2016 at 3:00 p.m.

Any written materials distributed to the Board in connection with this agenda will be made available at the same time for public inspection at the District office located at the above address.

Call to Order and Determination of Quorum

Pledge of Allegiance

Public Hearing – Proposed Water and Wastewater Rate Increase.

Adoption of Agenda

Public Comments

At this time the public shall have an opportunity to comment on any non-agenda item relevant to the subject matter jurisdiction of the Board. This opportunity is non-transferable and speakers are limited to one three (3) minute comment.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of Minutes of the Regular Meeting on June 7, 2016.
2. Ratification of Disbursements for May 2016.

Action Calendar

The public shall have an opportunity to comment on any action item as each item is considered by the Board prior to action being taken. This opportunity is non-transferable and speakers are limited to one two (2) minute comment.

1. **Wall and Fence Construction at Ordunio Reservoir, Project M-933** – Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Brkich Construction, for the installation of a new wall and fence at the Ordunio Reservoir site for a cost of $66,009, and establish a contingency of $6,600 (10% of contract) to cover the cost of unforeseen or additional work.
2. **District Investments** – Discussion and possible action regarding the District's investment strategies.
3. **Fiscal Year 2016/17 Preliminary Water and Wastewater Budgets** - Discussion of Preliminary Water and Wastewater Rate Structures Options

Information Items

Written Communications to District

<u>Staff Reports</u>

- **Secretary-Treasurer**
- **General Manager**
- **District Engineer**
- **Program Specialist**
- **Information Technology**

<u>Attorney Report</u>

<u>Reports of Committees</u>

- **Engineering Committee**
- **Finance Committee**
- **Employee Relations Committee**
- **Policy Committee**
- **Community Relations/Water Conservation Committee**
- **Emergency Planning Committee**

<u>Director's Oral Reports</u>

Report on issues, meetings, or activities attended by Directors.

<u>Closed Session</u>

- **<u>Conference with Legal Counsel</u>**
  - Existing litigation pursuant to paragraph (1) of subdivision (d) of Section 54956.9: Crescenta Valley Water District vs. City of Glendale, et al., Los Angeles Superior Court case no. BC595199.
- **<u>Conference with Labor Negotiators (§54957.6)</u>**
  - District negotiators: Thomas Love and Ron Mitchell
  - Employee organization: AFSCME
- **<u>Conference with Labor Negotiators (§54957.6)</u>**
  - District negotiators: Thomas Love
  - Employee organization: Management Unit

<u>Board Members' Request for Future Agenda Items</u>

<u>Adjournment</u>

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WATER AND WASTEWATER

PUBLIC HEARING

LETTERS RECEIVED BY

June 17, 2016

RECEIVED

JUN 16 2016

CRESCENTA VALLEY
WATER DISTRICT

June 7, 2016

C.V. Water District
2700 Foothill Blvd.
La Crescenta, CA 91214

SUBJECT: PROPOSED RATE INCREASE NOTICE TO BE EFFECTIVE 7/1/16

Reference: Public Hearing Date: June 22, 2016

This letter is in response to CVWD's public notice regarding both a rate increase and changes to how service fees for wastewater are calculated. I am a customer who has written many times to express **extreme** dissatisfaction with the fixed service charges, namely sewer and service, which were for most billing periods over 60% of my water usage.

Congratulations on finally hearing the message! That said, however, I was surprised to see that the amount of units used as a "cut-off" was so low. Excluding summer months, I'm a very good conserver and I've never gotten below 8 units (which was, of course, why I was so irritated by the service fees). How was it determined that 7 units was a "fair usage" amount. That perplexes me. I don't know, 116 gallons a day seems pretty sparse.

I understand the situation with the infrastructure and it would be ridiculous to close our eyes to that important issue. Your public cannot foot the bill alone and raising prices is not the sole answer. In fact at the last public hearing, I recall a review of the numbers revealing a $200K cut in proposed budget. At the time, my immediate thought was what does that amount to in relation to an $8M budget. Please do a better job of controlling costs – and let's keep the fees under control.

Margaret Cooper

Margaret Cooper
2158 Crescent Ave.
Montrose, CA 91020
Acct. 019303-000

RECEIVED

JUN 02 2016

CRESCENTA VALLEY
WATER DISTRICT

Jeanne Skinner

4802 Rosemont Ave.
La Crescenta, CA. 91214

JUNE 1, 2016

CVWD

2700 Foothill Blvd.
La Crescenta, Ca. 91214

I am writing you this letter to let you know that I am against any water rate increases. We have a large lot and our water bill is a lot of money as it is.
In the winter , if we get some rain, its lower. This winter we didn't get much rain so our bill didn't go down a lot. I think there was a water rate increase not too long ago and please don't raise it again.

Thank You
Jeanne Skinner
Bruce Skinner

Jeanne Skinner
Bruce Skinner

May 9, 2016
2636 El Caminito Street
La Crescenta, CA 91214

RECEIVED
MAY 16 2016
CRESCENTA VALLEY
WATER DISTRICT

Crescenta Valley Water District
2700 Foothill Blvd
La Crescenta, CA 91214

Dear Sirs:

I am writing to protest the proposed change in the method of calculating sewer service charges. The home where we have lived since 1996 is located at 2636 El Caminito Street and includes a large lot of approximately 39,000 square feet. Three persons reside here, so most of the water consumed at this address goes to irrigation and not into the sewer system. The proposed change would result in higher bills for our account based on a flawed method of determining sewer use.

I am also writing to protest the increase in water rates. We do not waste water and we do not have any lawn or grass in our yard. But, we do have a beautiful urban forest of deodars, oaks, eucalyptus, olives, agave and drought tolerant Mediterranean plants. As we have seen trees die in the area, we have consulted with two licensed arborists who have advised us that even mature trees require irrigation, especially during drought periods. Our landscape provides habitat for wildlife and benefits the community with a greenspace that can be seen from afar.

If changes are enacted that would result in higher water and sewer bills, I would propose that there be an exemption for residents who are burdened by the cost of maintaining important landscape that benefits the community.

Sincerely,

Robert P Dedlow
Andrea E. Crawford

RECEIVED

MAY 13 2016

CRESCENTA VALLEY WATER DISTRICT

Chester P. Zalewski
2723 Stevens St.
LaCrescenta, Ca. 91214
Czjr1@yahoo.com

Phone: 818- 248- 1147

DATE: 5/12/16

TO COMPANY:CVWD
2700 Foothill Blvd.
LaCrescenta, Ca. 91214

RE:**Proposed Rate Increase effective 7/1/16**

Gentle People:

While we are in drought conditions, and most residences have complied with strict water usage, the income to the CVWD has dropped.

We have experienced rate and sewar increases, to offset the income shortfall.

I have a small business, and am not able to pass along increases to my customer base. If that were done, I would be out of business.

I am also retired and on a fixed income, and am not prepared to accept your further rate increases.

It is suggested that your offices live within your means as the private residences need to. If some belt tightening is required- then so be it.

I am not in favor any further increases despite what your "Cost of Service Study" indicates.

Yours truly,

Chester Zalewski

CRESCENTA VALLEY WATER DISTRICT
REGULAR MEETING, BOARD OF DIRECTORS
June 7, 2016

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Adjourned Regular Meeting of May 17, 2016, a Regular Meeting was held on June 7, 2016, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kerry D. Erickson presiding.

At roll call, the following Directors and staff members were present:

Directors:	**James D. Bodnar** **Michael L. Claessens** **Kerry D. Erickson** **Kenneth R. Putnam** **Judy L. Tejeda**
Attorney:	**Thomas S. Bunn**
General Manager:	**Thomas A. Love**
Secretary-Treasurer:	**Ron L. Mitchell**
District Engineer:	**David S. Gould**
Others Present:	**Christy Scott, Program Specialist** **Wendy Holloway, Customer Accounts Supervisor**

PLEDGE OF ALLEGIANCE

President Erickson opened the meeting by asking Director Tejeda to lead the Board and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Putnam, seconded by Director Claessens and carried by a 5-0 vote that the Agenda for the Regular Meeting of June 7, 2016 be adopted as presented.

PUBLIC COMMENT – Ms. Younger addressed the Board regarding diverting water from the storm drains.

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Love reported FMWD met and discussed changes to their budget to use more reserves. They took action to change their conservation alert from Orange to Yellow status.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Claessens and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on May 17, 2016

ACTION CALENDAR

Strategic Planning – Mr. Love reported in 2005 the Board and staff initiated a strategic planning process. In 2011 they again initiated a strategic planning process which resulted in a facilitated public workshop to define the District's issues relative to preparing the FY 2011/12 Budget. In October 2015, the Board and General Manager identified development of an updated strategic plan as an objective to be completed in 2016. Mr. Love discussed several planning approaches with an external facilitator or without one. Mr. Love proposed to move forward without an external facilitator and have Mr. Bunn to be the facilitator. The approach will consist of a series of strategic planning workshops with specific topics being determined during the workshops. Individual workshop durations could range from a few hours to a full day, depending on the Board's preference and discussion topics. Specific dates and times will be determined by the Board. The first workshop will be in July 2016.

FY 2016/17 Water and Wastewater Budgets – Director Erickson stated that since the conservation has been changed from watering 2 days a week to 3 days, there may be a possible revenue increase of about 10%, and maybe we should consider a lower percentage for the water rate increase. Mr. Love said that there may be only a 5% increase of water usage for the end of year total and that it might not increase the revenue that much.

INFORMATION ITEMS – CV Weekly; CVWD relaxes water conservation alert status. FMWD News Release; Water conservation eased from allocation to extraordinary conservation.

WRITTEN COMMUNICATIONS TO DISTRICT – Crescenta Valley Fire Works Association sent a letter requesting the use of the CVWD generator to provide electrical for the food trucks.

REPORTS OF PERSONNEL

SECRETARY-TREASURER – Mr. Mitchell provided the Summary of Cash and Investment report which contained the following items:

Investment Portfolio Summary – as of June 7, 2016:

Cash Accounts	$304,746
Great Pacific Securities	
Bond Debt Service Fund Acct	$56,966
Local Agency Investment Fund	$2,881,273
Transfer from MTBE Reserve	$2,000,000
Federal Farm Credit (83)	$500,095
Federal Farm Credit (87)	$500,000
Federal Farm Credit (100) NEW	$1,258,720

MTBE Contingency Funds

Local Agency Investment Fund	$4,000,000
Great Pacific Securities	$853,737
Transfer to Water Reserve	($2,000,000)
Federal Farm Credit (M-44) SOLD	
Federal Farm Credit (M-47)	$1,277,460
Federal Farm Credit (M-48) NEW	$518,915
Federal Farm Credit (M-49) NEW	$1,260,763

US Treasury (M-50) NEW	$984,060
Federal Farm Credit (M-51) NEW	$1,047,810

Fund Balances

Water	$11,758,899.57
Wastewater	$4,711,449.75

Mr. Mitchell also addressed the Board regarding investment options, and that staff is looking to expand our investment opportunities by investing in Federal Home Loan Bank (FHLB) securities. FHLB bonds are more liquid than Federal Farm Credit Bank bonds as there are more of these bonds available for investors. Following discussion, the Board requested this be added to a future agenda for further discussion.

GENERAL MANAGER – Mr. Love discussed that in November the Board identified objectives for the District and General Manager. He talked about the different projects and objectives and the dates to be completed. He also reported on the water production and how the District continues to remain well below the State mandated conservation project. This month there are two employee anniversaries: Jacob Whitaker – 1 year, and David Gould has been here for 19 years. As of June 3rd, the District has worked 724 days without a lost time accident, and on June 9th we will have completed 2 years.

DISTRICT ENGINEER

Water Production – For the period of May 1 through May 31, 2016, water production averaged 100.6 million gallons per day, which is **6.5% more** than the daily average production of the same period in 2015. This is **26.5% less** from the daily average production of the previous five years. SWRCB Conservation – 26.3% less than March 2013 – October 2013 period.

Rainfall: May 2016	**0.32”**
Season-to-date:	**13.24”**

Administrative and Field Operations – Mr. Gould provided a memorandum and discussed the following:

Rainfall Update – 0.32” for May 2016. Rainfall total for 2015-16 is 13.24”.

Report on Engineering

CIP Projects – Ocean View Chlorination Project – Electrical & Treatment System – waiting on equipment. Testing – preliminary set for late June. Piping complete at Ordunio for connection to LADWP. Pipeline Projects – 3900 Block of Park Place - complete. 2700 Block of Harmony – complete. 2800 Block of Prospect (by La Crescenta Elementary School) – held community meeting on May 26, 2016. Work started on June 6, 2016. Completed by July 1, 2016. 3700 Block of Glenwood – Work to start after July 1, 2016. Pickens Canyon Slope repair – no report. Wall at Ordunio Reservoir – Bids due on June 15, 2016.

Well 16 – Finalizing invoicing procedure and credit for Grant reimbursement with GWP.

Water and Wastewater Cost of Service Study – Finalizing Draft Cost of Service Study.

Nitrate Removal Treatment Facility at Well 2 Project – Status meeting on May 23, 2016. 50% technical memorandum by July 5, 2016.

Crescent Valley County Park Stormwater Recharge Facility Study – Task Force Meeting held on May 25, 2016. Presentation available on CVWD website. Report due by June 30, 2016.

ULARA – Next Administration Committee meeting – July 20, 2016.

Water Meter Replacement Program – FY 15/16 Water Meter Replacement Program – replaced 878 meters to date. We are 53% complete.

Report on Administrative and Field Operations:

Well Status – Well production capacity averaging 2.3 MGD for May.

Field Maintenance and Operations update for May 14 – June 3, 2016

Water lateral leaks & repairs

- 2653 Orange Ave.
- 3231 Prospect
- 3352 Los Olivos
- 2515 Teasley
- 2763 Brookhill
- 5874 Freeman
- 5250 Ramsdell
- 5616 Pineglen
- 2123 Verdugo

Water Main Leaks – No Report

Reservoir Maintenance – No Report

Fire Hydrant Repair – No Report

Developer Job – Met with developer at 4201 Pennsylvania – 28 unit townhome project.

Booster Maintenance – No Report

Reservoir Maintenance – No Report

Sewer Maintenance – 2400 – 2500 Blocks of Frances and Teasley. 2200 – 2300 Blocks of Manzanita. 2200 Block of Phyllis. 5400 – 5500 Blocks of Terrace. 5300 – 5400 Blocks of Briggs. 5400 Block of Vista Del Arroyo. 5500 – 5600 Blocks of Canyonside. 5800 Block of Edmund, Irving, & Maurice. 5600 Block of Freeman. 2300 Block of Dorothy. 5500 Block of Goss Canyon. 2200 Block of Shields.

PROGRAM SPECIALIST –

Monitoring Report Submitted to State for May 2016:

*__Production Numbers__

- Total Water Production May 2016: 309 AF
- Total Water Production May 2013: 399 AF
- Percent Reduction: 23%
- Residential Gallons per Capita per Day(R-GPCD) May 2016: 88

***Compliance Reporting**

• Days of outdoor Irrigation Allowed:	2/3
• Number of Water Waster Complaints:	6
• Number of Follow-ups:	6
• Number of Warnings:	6
• Number of Penalties:	0

The District changed from Orange Alert (2 days per week) to Yellow Alert (3 days per week) starting on May 26, 2016. Ms. Scott also reported on the emergency regulations for the State Water Resources Control Board and on the water conservation. SB 814 bill has not been amended since the previous version. Also, National Night Out will be held on August 2, 2016 and we will be hosting at the Glenwood Plant.

INFORMATION TECHNOLOGY – No Report

ATTORNEY – Mr. Bunn reported that last Friday was that last day for bills to be passed in the house of origin. He gave a status report on some of the bills he has been following. AB 1661 – Local agency officials need to have sexual harassment training, and also the employees. SB 272 – Open & transparent data act. Link to current Board agenda on the web homepage. CEQA exemptions for recycled water pipelines. A bill to clarify who has the right to storm water. AB2801 - Proposition 218 protest letters need to be kept for 2 years. AB 2890 – Numerous changes to the drinking water and wastewater operators' certification program. SB1317 – City, County, and high priority basins to establish a process for ground water extraction permit. SB 814 – Requires the urban retail water suppliers during a drought emergency to identify and penalize excess water use or discourage excess water use though rate structure.

REPORTS OF COMMITTEES

Engineering Committee – Director Bodnar reported that the Committee had not met; however a meeting will be scheduled as needed.

Finance Committee – Director Erickson reported that the Committee had not met; however a meeting will be scheduled as needed.

Employee Relations Committee – Director Tejeda reported that the Committee had not met; however a meeting will be scheduled as needed.

Policy Committee – Director Claessens reported that the Committee had not met; however a meeting will be scheduled as needed.

Community Relations/Water Conservation Committee – Director Putnam reported that the Committee had not met; however a meeting will be scheduled as needed.

Emergency Planning Committee – Director Claessens reported that the Committee had not met; however a meeting will be scheduled as needed.

DIRECTORS ORAL REPORTS

Director Bodnar reported that he attended the May 26th public community meeting on Prospect Avenue and said that staff did a great job explaining the project.

Director Tejeda – No Report

Director Putnam – No Report

Director Claessens – No Report

Director Erickson – No Report

CLOSED SESSION – No reportable action

ADJOURNMENT

There being no other business to come before the Board at 9:25 p.m., it was moved by Director Bodnar and seconded by Director Claessens that the meeting be adjourned to June 21, 2016 at 6:00 p.m.

APPROVED

____________________	____________________
Kerry D. Erickson	Ron L. Mitchell
President	Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2

To: Honorable President and Members of the Board of Directors June 21, 2016

From: Ron L. Mitchell

Subject: **Investment Options**

ACTION ITEM:

Investment Options – Discussion and possible motion regarding the District's investment strategies.

At the June 7, 2016 Board meeting, staff presented the Board with a memorandum stating that the Secretary-Treasurer would like to expand the District's investment opportunities to include Federal Home Loan Bank (FHLB) bonds. Staff said that the current Investment Policy is modeled after the state and staff annually consults with legal counsel regarding any changes made by the legislature in the last year before bringing the new policy to the Board each December. This policy includes the ability to invest in U.S. Treasuries, Federal agency or United States government-sponsored obligations (such as Federal Home Loan Bank, Fannie Mae, Freddie Mac, Ginnie Mae), Commercial paper of prime quality, Negotiable certificates of deposit, and Corporate debt securities among others. This policy also incorporates the amendment to previous policy that allows up to 50% of the total portfolio to be invested in securities with up to a 10-year maturity.

It was explained that FHLB bonds are AA+ rated by Standard & Poors and more liquid than Federal Farm Credit Bank (FFCB) bonds as there are more of these bonds available for investors. Current yields on FHLB bonds can be about 10 basis points higher than FFCB bonds and even more over Treasury bonds. Current yields on 5-year Treasuries are 1.07% and 10-year Treasuries are at 1.80%. Current yields on 5-year FFCB are 1.20% and 10-year FFCB are at 2.0%. Currently Local Agency Investment Fund (LAIF) is at a .48% return rate.

The Board asked several questions related to why we actively buys/trades bonds, why we don't just put the District's reserves in LAIF, and how much time is spent managing the District's portfolio. Staff has prepared an analysis of the reserve portfolio which is broken down into three strategies. These strategies are if all reserve funds were kept in LAIF (Strategy A); if the funds that were in LAIF and U.S. Treasury and FFCB bonds at the start of FY 2015/16 were held with no active trading (Strategy B) and a summary of what actually transpired with our active trading philosophy (Strategy C).

This analysis shows that Strategy A would have earned a return on investment of $66,629, Strategy B shows a return on investment of $272,130, and Strategy C shows a return on investment of $225,953. This clearly shows that placing the District's reserves solely in LAIF is the least beneficial. Strategy B does not take into consideration the fact that approximately $2 million in reserves were used to fund the capital improvement program and to make up for shortfalls in revenues due to the drought restrictions. If you adjust for the use of these reserves then the return on investment would be reduced by approximately $36,000 thus reducing the total return to $236,130.

On the surface it looks as if Strategy B would be more beneficial by approximately $10,000 over Strategy C. However, if staff would have had the ability to invest in FHLB bonds that are more liquid and have higher yields than FFCB bonds, we believe the return on investment using Strategy C would have been greater. This is due to fact that FHLB bonds supply at least a 10% greater yield and are more liquid thus allowing more opportunities to buy/sell these bonds for even greater gains. Staff time averages between 2-3 hours per week to discuss and direct the trade activities and we feel that is very minimal for the increased rate of return in comparison to LAIF.

FHLB bonds have remained strong throughout the housing mortgage crisis and continue to be a preferred investment with a reputation of being run in an efficient manner. CalPERS and LAIF currently have billions of dollars invested in FHLB and, even at the height of the home loan crisis, continued to remain invested in those bonds. Staff included an investor presentation that was found on the FHLB website that can provide more information about their program in the previous Board packet.

In the District's Investment Policy, the three main goals for investing District funds are safety, liquidity, and yield. Allowing staff to invest in FHLB only strengthens are portfolio and does not sacrifice on safety as they are AA rated. Also, as stated above, FHLB bonds are more liquid in today's market than FFCB and offer a higher yield to maturity than FFCB or U. S. Treasury bonds.

It is staff's recommendation to maintain our practice of actively buying and selling bonds to safely maximize the return on our investments and to expand the investment opportunities to include FHLB bonds.

Prepared by:	Submitted by:
______________________	______________________
Ron L. Mitchell	Thomas A. Love
Secretary-Treasurer	General Manager

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

To: Honorable President and Members of the Board of Directors June 21, 2016

From: David S. Gould. P.E. – District Engineer

Subject: **Award of Contract - Wall and Fence Construction at Ordunio Reservoir, Project M-933**

ACTION ITEM:

1. **Wall and Fence Construction at Ordunio Reservoir, Project M-933 -** Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, Brkich Construction, for the installation of a new wall and fence on the north side of Ordunio Reservoir at a cost of $66,009 and establish a contingency amount of $6,600 (10% of contract) to cover the cost of unforeseen or additional work.

PROJECT DESCRIPTION:

CVWD's Ordunio Reservoir is located at the northwest corner of Honolulu Avenue and Lowell Avenue. Mr. Bob Oliphant, the resident north of the reservoir has requested that a wall with a fence be built along the north side of the property. In 1997, a row of eucalyptus trees ran along the north property line. Mr. Oliphant requested that they be removed because he could not get homeowners insurance since it was a fire hazard with the trees so close to his house. The District obliged by cutting down the trees, but left the stumps. About 10 years ago, the resident again requested that the stumps be removed since it was unsightly and a nesting area for rodents. Again the District obliged by removing the stumps but left a 3 -4 foot high gap in elevation between the two properties. It was the District's intention to construct a retaining wall with a fence between the properties, however, with the reduction in reservoir maintenance funds over the past few years, this project was put on hold.

The project is located within the cities of Glendale and Los Angeles, and staff has been working to finalize design plans which comply with both cities' design standards. In addition, staff received a variance from the City of Glendale to install the fence within the 25 foot setback, since the site is zoned R-1.

Staff completed the design in early 2016 and a request for quote was sent out. However, the District received only one bid and that bid was twice the amount of the original engineer's cost estimate.

Staff reviewed the project and adjusted the cost estimate to $46,100 to better reflect the construction bidding climate and re-issued the request for quote.

DISCUSSION:

A mandatory pre-bid meeting was held on June 7, 2016, which was attended by three (3) contractors. CVWD specifications indicate that only contractors who attend this meeting are allowed to bid on the project.

On June 15, 2016, at 2:00 PM, the District opened and read the following bid proposals for this project:

	Bidder	**Total Bid Amount**
Low	Brkich Construction	$66,009
2	Red Hawk Services	Declined to Bid
3	E&R Construction	Declined to Bid

Brkich Construction of Monrovia, CA was the apparent lowest responsible bidder for the project. The engineer's estimate was $46,100 and the low bid was 43.2% higher than the engineer's estimate. Staff has worked with Brkich Construction on a variety of projects, and the experiences have been mainly positive.

RECOMMENDATION:

Additional delays of this work should be avoided in consideration of Mr. Oliphant's considerable patience up to this point. It is staff's recommendation to award the contract for the subject project to the lowest responsible bidder, Brkich Construction, at a cost of $66,009.

A pre-construction meeting will be set as soon as the contract is awarded, the agreement is signed, and insurance documents have been delivered. We anticipate construction beginning in late August 2016, and the project concluded by September 2016. Mr. Pete Hilke will be the project manager and Mr. Cory Whitman will be the field inspector.

Staff will be meeting with Mr. Oliphant about his participation in the cost of the project. He indicated previously that he will be willing to contribute money to the project.

ENVIRONMENTAL REVIEW:

This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines. This exemption covers the repair of existing facilities involving negligible or no expansion of existing use.

FUNDING AVAILABILITY:

There are sufficient funds available in the following accounts for the project:

Account Description	Amount
FY 16/17 Reservoir Maintenance Account	**$73,000**
Contractor Cost	<$66,009>
Unforeseen or additional work	<$6,600>
Total Cost Estimate	<$72,609>
Amount Remaining in Reservoir Maintenance Account	**$391**

Prepared by:

Pete Hilke
Senior Engineer Technician

Submitted by:

David S. Gould, P.E.
District Engineer

Attachments:

1. Bid Summary

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CRESCENTA VALLEY WATER DISTRICT

Title: WALL AND FENCE CONSTRUCTION AT ORDUNIO RESERVOIR
E-Job No: M-933
Engineer's Estimate: $46,100
Project Manager: Pete Hilke

BID LOCATION: CVWD's Office
TIME: 2:00 PM
DATE: 6/15/16
BY: PH
CHECKED: DSG
DATE: 6/15/16

				Engineers Estimate		Brkich							
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization & demobilization	1	LS	$ 3,594.00	$3,594.00	$2,500.00	$2,500.00		$0.00		$0.00		$0.00
2	Site clearing and grubbing	1	LS	$ 1,200.00	$1,200.00	$3,200.00	$3,200.00		$0.00		$0.00		$0.00
3	Existing Fence Removal	289	LF	$ 5.00	$1,445.00	$6.00	$1,734.00		$0.00		$0.00		$0.00
4	Earthwork	90	CY	$ 60.00	$5,400.00	$53.00	$4,770.00		$0.00		$0.00		$0.00
5	Concrete work	30	CY	$ 250.00	$7,500.00	$325.00	$9,750.00		$0.00		$0.00		$0.00
6	CMU Retaining Wall	627	SF	$ 25.00	$15,675.00	$30.00	$18,810.00		$0.00		$0.00		$0.00
7	Chain link fence - 6' high	297	LF	$ 38.00	$11,286.00	$85.00	$25,245.00		$0.00		$0.00		$0.00
				EE	$46,100.00	LOW	$66,009.00	2ND	$0.00	3RD	$0.00	4TH	$0.00

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1

To: Honorable President and Members of the Board of Directors — June 21, 2016

From: Ron L. Mitchell

Subject: **Investment Options**

ACTION ITEM:

Investment Options – Discussion and possible motion regarding the District's investment strategies.

At the June 7, 2016 Board meeting, staff presented the Board with a memorandum stating that the Secretary-Treasurer would like to expand the District's investment opportunities to include Federal Home Loan Bank (FHLB) bonds. Staff said that the current Investment Policy is modeled after the state and staff annually consults with legal counsel regarding any changes made by the legislature in the last year before bringing the new policy to the Board each December. This policy includes the ability to invest in U.S. Treasuries, Federal agency or United States government-sponsored obligations (such as Federal Home Loan Bank, Fannie Mae, Freddie Mac, Ginnie Mae), Commercial paper of prime quality, Negotiable certificates of deposit, and Corporate debt securities among others. This policy also incorporates the amendment to previous policy that allows up to 50% of the total portfolio to be invested in securities with up to a 10-year maturity.

It was explained that FHLB bonds are AA+ rated by Standard & Poors and more liquid than Federal Farm Credit Bank (FFCB) bonds as there are more of these bonds available for investors. Current yields on FHLB bonds can be about 10 basis points higher than FFCB bonds and even more over Treasury bonds. Current yields on 5-year Treasuries are 1.07% and 10-year Treasuries are at 1.80%. Current yields on 5-year FFCB are 1.20% and 10-year FFCB are at 2.0%. Currently Local Agency Investment Fund (LAIF) is at a .48% return rate.

The Board asked several questions related to why we actively buys/trades bonds, why we don't just put the District's reserves in LAIF, and how much time is spent managing the District's portfolio. Staff has prepared an analysis of the reserve portfolio which is broken down into three strategies. These strategies are if all reserve funds were kept in LAIF (Strategy A); if the funds that were in LAIF and U.S. Treasury and FFCB bonds at the start of FY 2015/16 were held with no active trading (Strategy B) and a summary of what actually transpired with our active trading philosophy (Strategy C).

This analysis shows that Strategy A would have earned a return on investment of $66,629, Strategy B shows a return on investment of $272,130, and Strategy C shows a return on investment of $225,953. This clearly shows that placing the District's reserves solely in LAIF is the least beneficial. Strategy B does not take into consideration the fact that approximately $2 million in reserves were used to fund the capital improvement program and to make up for shortfalls in revenues due to the drought restrictions. If you adjust for the use of these reserves then the return on investment would be reduced by approximately $36,000 thus reducing the total return to $236,130.

On the surface it looks as if Strategy B would be more beneficial by approximately $10,000 over Strategy C. However, if staff would have had the ability to invest in FHLB bonds that are more liquid and have higher yields than FFCB bonds, we believe the return on investment using Strategy C would have been greater. This is due to fact that FHLB bonds supply at least a 10% greater yield and are more liquid thus allowing more opportunities to buy/sell these bonds for even greater gains. Staff time averages between 2-3 hours per week to discuss and direct the trade activities and we feel that is very minimal for the increased rate of return in comparison to LAIF.

FHLB bonds have remained strong throughout the housing mortgage crisis and continue to be a preferred investment with a reputation of being run in an efficient manner. CalPERS and LAIF currently have billions of dollars invested in FHLB and, even at the height of the home loan crisis, continued to remain invested in those bonds. Staff included an investor presentation that was found on the FHLB website that can provide more information about their program in the previous Board packet.

In the District's Investment Policy, the three main goals for investing District funds are safety, liquidity, and yield. Allowing staff to invest in FHLB only strengthens are portfolio and does not sacrifice on safety as they are AA rated. Also, as stated above, FHLB bonds are more liquid in today's market than FFCB and offer a higher yield to maturity than FFCB or U. S. Treasury bonds.

It is staff's recommendation to maintain our practice of actively buying and selling bonds to safely maximize the return on our investments and to expand the investment opportunities to include FHLB bonds.

Prepared by:	Submitted by:
________________________	________________________
Ron L. Mitchell	Thomas A. Love
Secretary-Treasurer	General Manager

Crescenta Valley Water District
Investment Interest Analysis
July 2015 - June 2016

	Acct	Investment	Rate	Investment Amount	Estimated Annual Income	Average Daily Income	Days in Month	Interest Earned
Strategy A	**LAIF**							
	1st Quarter		0.320%	16,345,375	52,305	143.30	92	$ 13,184
	2nd Quarter		0.370%	16,358,559	60,527	165.83	92	$ 15,256
	3rd Quarter		0.460%	16,373,815	75,320	206.35	90	$ 18,572
	4th Quarter		0.480%	16,392,387	78,683	215.57	91	$ 19,617
	Total Interest Earned							**$ 66,629**
Strategy B	**July 2015 - June 2016 LAIF Account**							
	1st Quarter		0.320%	2,575,375	8,241	22.58	92	$ 2,077
	2nd Quarter		0.370%	2,577,452	9,537	26.13	92	$ 2,404
	3rd Quarter		0.460%	2,579,856	11,867	32.51	90	$ 2,926
	4th Quarter		0.480%	2,582,782	12,397	33.97	91	$ 3,091
	Total Interest Earned From LAIF							**$ 10,498**
	105-78	FFCB	1.840%	500,000	9,200	25.21	365	$ 9,200
	105-81	FFCB	1.950%	1,000,000	19,500	53.42	365	$ 19,500
	105-83	FFCB	0.830%	500,000	4,150	11.37	365	$ 4,150
	105-86	FFCB	1.610%	1,000,000	16,100	44.11	365	$ 16,100
	105-87	FFCB	0.930%	500,000	4,650	12.74	365	$ 4,650
	105-96	FFCB	2.160%	1,000,000	21,600	59.18	365	$ 21,600
	105-97	FFCB	2.160%	1,270,000	27,432	75.16	365	$ 27,432
	105-98	US Treasury	1.500%	1,000,000	15,000	41.10	365	$ 15,000
	M-35	FFCB	2.910%	1,000,000	29,100	79.73	365	$ 29,100
	M-36	US Treasury	2.000%	1,000,000	20,000	54.79	365	$ 20,000
	M-38A	FFCB	2.370%	1,000,000	23,700	64.93	365	$ 23,700
	M-38B	FFCB	2.370%	1,000,000	23,700	64.93	365	$ 23,700
	M-39A	US Treasury	1.375%	1,000,000	13,750	37.67	365	$ 13,750
	M-39B	US Treasury	1.375%	1,000,000	13,750	37.67	365	$ 13,750
	M-40	US Treasury	2.000%	1,000,000	20,000	54.79	365	$ 20,000
	Total Interest Earned From Investments			13,770,000				**$ 261,632**
	Total Interest Earned from LAIF & Investments							**$ 272,130**

Crescenta Valley Water District

Recap of Investments

Fiscal Year 2015-16

Strategy C

Investment Number	Date Purchased	Original Principal Cost	Yield to Maturity at Purchase	Adjustment Amortized Principal	Adjusted Balance	Date Sold	Principal Value at Sale	Yield to Maturity at Sale	Gain (Loss) on Investment	Reason for Transaction	Interest Earned in Current FY	Total FY Return on Investments
LAIF											$ 8,098.40	$8,098.40
78	Jul 17, 2012	$500,000.00	1.840%	$0.00	$500,000.00		$500,000.00	1.840%	$0.00	This bond was called by the Federal Farm Credit Bank	$ 6,050.77	$6,050.77
81	Sep 11, 2012	$1,005,220.00	1.890%	$1,739.22	$1,003,480.78	1/29/2016	$1,007,130.00	1.830%	$3,649.22	Free up money in anticipation that market is at bottom and will allow reinvestment in higher yielding instruments	$ 11,429.25	$15,078.47
83	Oct 9, 2012	$502,885.00	0.710%						$0.00		$ 4,161.42	$4,161.42
86	Nov 15, 2012	$1,002,300.00	1.580%	-$852.00	$1,001,448.00	3/29/2016	$1,002,460.00	1.560%	$1,012.00	Free up money in anticipation that market is at bottom and will allow reinvestment in higher yielding instruments	$ 11,730.77	$12,742.77
87	Nov 19, 2012	$500,000.00	0.930%						$0.00		$ 4,662.72	$4,662.72
96	2/2/2015	$1,001,790.00	2.140%	-$149.17	$1,001,640.83	4/7/2016	$1,004,790.00	2.100%	$3,149.17	Free up money in anticipation that market is at bottom and will allow reinvestment in higher yielding instruments	$ 16,548.65	$19,697.82
97	2/9/2015	$1,245,288.79	2.380%	$2,059.27	$1,247,348.06	1/29/2016	$1,249,972.10	2.350%	$2,624.04	Free up money in anticipation that market is at bottom and will allow reinvestment in higher yielding instruments	$ 16,009.79	$18,633.83
98	6/2/2015	$996,650.00	1.570%	-$56.78	$996,706.78	7/6/2015	$997,421.88	1.550%	$715.10	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 242.76	$957.86
M-35	2/3/2015	$849,960.00	2.190%	$4,306.90	$845,653.10	2/11/2016	$850,160.00	2.110%	$4,506.90	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 13,268.98	$17,775.88
M-36	2/6/2015	$1,011,800.29	1.870%	$983.35	$1,010,816.94	2/2/2016	$1,012,750.00	1.840%	$1,933.06	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 11,407.18	$13,340.24
M-38A	4/22/2015	$996,470.00	2.410%	$235.33	$996,705.33	1/29/2016	$997,600.00	2.390%	$894.67	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 13,689.72	$14,584.39
M-38B	4/23/2015	$999,110.00	2.380%	$59.33	$999,169.33	2/10/2016	$1,009,160.00	2.250%	$9,990.67	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 14,478.81	$24,469.48
M-39A	4/27/2015	$1,003,135.92	1.375%	$261.34	$1,002,874.58	9/30/2015	$1,002,968.75	1.300%	$94.17	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 3,343.12	$3,437.29
M-39B	4/28/2015	$1,001,204.82	1.375%	$120.48	$1,001,084.34	8/24/2015	$1,001,815.00	1.330%	$730.66	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 1,998.31	$2,728.97
M-40	4/27/2015	$1,008,892.00	2.000%	$602.85	$1,008,289.15	2/2/2016	$1,009,760.00	1.880%	$1,470.85	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 11,863.08	$13,333.93
In/Out	9/15/2015	$991,680.00	1.550%	$0.00	$991,680.00	9/18/2015	$994,680.00	1.480%	$3,000.00	Realize a net capital gain before the original purchase was even paid for	$ 188.87	$3,188.87
In/Out	9/24/2015	$994,478.75	1.490%	$0.00	$994,478.75	9/30/2015	$995,979.00	1.450%	$1,500.25	Realize a net capital gain before the original purchase was even paid for	$ -	$1,500.25
99	10/28/2015	$996,878.12	1.440%	-$156.09	$997,034.21	1/15/2016	$997,625.00	1.420%	$590.79	Free up money in anticipation that market is at bottom and will allow reinvestment in higher yielding instruments	$ 2,946.43	$3,537.22
M-41	10/31/2015	$989,260.00	1.600%	$0.00	$989,260.00	12/11/2015	$989,474.93	1.600%	$214.93	Free up money in anticipation of expected Fed rate increase that will push yields higher	$ 1,435.44	$1,650.37
M-42	12/16/2015	$984,860.00	1.700%	-$261.03	$985,121.03	1/6/2016	$986,660.00	1.660%	$1,538.97	Realize a net capital gain of $1,800 due to China stock crisis reaction	$ 793.27	$2,332.24
M-43	12/29/2015	$999,047.00	1.770%	-$15.88	$999,062.88	1/4/2016	$1,001,148.00	1.720%	$2,085.12	Realize a net capital gain of $2,101 in one week due to China stock crisis reaction	$ 240.38	$2,325.50
M-44	2/24/2016	$1,145,730.00	2.190%	$3,801.66	$1,141,928.34	5/13/2016	$1,148,620.00	2.120%	$6,691.66	Market at bottom and anticipate higher yields	$ 8,752.50	$ 15,444.16
M-45	3/1/2016	$1,004,010.00	1.500%	$0.00	$1,004,010.00	4/4/2016	$1,006,550.00	1.440%	$2,540.00	Realized $2,540 in gains plus interst in 30 days	$ 1,448.33	$ 3,988.33
M-46	3/3/2016	$992,890.00	2.300%	$0.00	$992,890.00	4/7/2016	$997,950.00	2.240%	$5,060.00	Realized $5,060 in gains plus interst in 30 days	$ 2,096.67	$ 7,156.67
In/Out	3/10/2016	$997,350.00	1.090%	$0.00	$997,350.00	3/18/2016	$998,750.00	1.040%	$1,400.00	Realized $1,400 in gains plus interst in 8 days	$ 163.04	$ 1,563.04
In/Out	3/10/2016	$1,022,320.00	1.330%	$0.00	$1,022,320.00	3/29/2016	$1,025,020.00	1.250%	$2,700.00	Realized $2,700 in gains plus interst in 8 days	$ 812.50	$ 3,512.50
100	4/12/2016	$1,269,540.00	2.140%	$4,568.48	$1,264,971.52	6/10/2016	$1,270,920.00	2.080%	$5,948.48	Realized $5,948 in gains plus interst in 2 months	$ 8,666.66	$ 14,615.14
M-47	4/20/2016	$1,277,750.00	2.270%	$0.00	$1,277,750.00	5/11/2016	$1,282,840.00	2.200%	$5,090.00	Market at bottom and anticipate higher yields	$ 3,150.00	$ 8,240.00
M-48	5/11/2016	$518,915.00	0.990%		$518,915.00					Put money back to work	$ 1,455.48	$ 1,455.48
M-49	5/11/2016	$1,260,762.50	0.990%		$1,260,762.50					Put money back to work	$ 2,140.41	$ 2,140.41
M-50	5/18/2016	$984,060.00	1.800%	$0.00	$984,060.00	6/3/2016	$990,000.00	1.730%	$5,940.00	Realized $5,940 in gains plus interst in 16 days	$ 794.84	$ 6,734.84
M-51	5/31/2016	$1,047,810.00	1.850%	$0.00	$1,047,810.00	6/3/2016	$1,051,810.00	1.790%	$4,000.00	Realized $4,000 in gains plus interst in 4 days	$ 351.38	$ 4,351.38
101	6/14/2016	$1,211,530.00	1.260%							Put money back to work	$ 2,410.96	$ 2,410.96
M-52	6/14/2016	$1,012,750.00	1.110%							Put money back to work	$ 602.74	$ 602.74
									$69,130.71		$167,861.16	$225,953.39

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3
June 21, 2016

To: Honorable President and Members of the Board of Directors

From: Ron L. Mitchell

Subject: **FY 2016/17 Water and Wastewater Budgets**

ACTION ITEM: FY 2016/17 Water and Wastewater Budgets

This is a placeholder on the agenda in case the Board wishes to discuss the FY 2016/17 Water and Wastewater budgets. At this time staff is currently working on updating our year end projections for revenue and expenses and staff intends to deliver an updated Cash Flow Model on Monday, June 20, 2016 for review prior to the meeting.

Prepared by:

Ron L. Mitchell
Secretary-Treasurer

Submitted by:

Thomas A. Love
Thomas A. Love
General Manager

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Table Water Budget WB - 1 Projected Water Customers - FY 16/17 - Draft V10

Water Meter Size	Recorded FY 2013-14	Recorded FY 2014-15		*Budget FY 2015-16*	Projected FY 2015-16		Budget FY 2016-17		Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
3/4 inch	6,925	6,921		*6,932*	6,923		6,926		6,929	6,932	6,935	6,938
1 inch	810	814		*815*	815		818		821	824	827	830
1-1/2 inch	144	145		*145*	146		147		148	149	150	151
2 inch	64	64		*64*	64		65		66	67	68	69
3 inch	24	28		*24*	29		29		29	29	29	29
4 inch	2	2		*2*	2		2		2	2	2	2
6 inch	0	0		*0*	0		0		0	0	0	0
8 inch	0	0		*0*	0		0		0	0	0	0
10 inch	0	0		*0*	0		0		0	0	0	0
Total water services	7,969	7,974		*7,982*	7,979		7,987		7,995	8,003	8,011	8,019
Projected No. of Account Annual Increase	4	5		*8*	5		8		8	8	8	8
Projected Percent of Account Annual Increase	0.05%	0.06%		*0.10%*	0.06%		0.10%		0.10%	0.10%	0.10%	0.10%

Table Water Budget - WB-2 Water Production and Costs - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Well Production (Verdugo Basin)	2,372	2,146	2,190	1,758	1,950	2,100	2,220	2,400	2,620
Well Production (GWP)	0	0	410	169	555	555	600	600	600
Foothill MWD Purchases[(4)]	2,410	1,875	1,245	1,563	1,195	1,145	1,080	1,000	880
Total Production [(1)(2)]	4,782	4,021	3,845	3,490	3,700	3,800	3,900	4,000	4,100
Shrinkage (percent)[(3)]	8%	8%	8%	8%	8%	8%	8%	8%	8%
Less Shrinkage (ac-ft)	383	322	308	279	296	304	312	320	328
Total billable consumption (sales)	4,399	3,699	3,537	3,211	3,404	3,496	3,588	3,680	3,772
FMWD Purchased Water	2,410	1,875	1,245	1,563	1,195	1,145	1,080	1,000	880
FMWD Unit Charge ($/ac-ft)	$ 1,308	$ 1,461	$ 1,681	$ 1,565	$ 1,757	$ 1,841	$ 1,960	$ 2,098	$ 2,306
FMWD Cost	$ 3,151,636	$ 2,742,335	$2,093,000	$2,445,924	$2,099,400	$2,108,300	$2,116,900	$2,098,400	$2,028,900
Cost Increase/Decrease from FMWD Unit Charge	$ (104)	$ 153	$ 220	$ 104	$ 192	$ 84	$ 119	$ 138	$ 207
Percent FMWD Cost Increase/Decrease	-7.38%	11.72%	15.04%	7.11%	12.26%	4.81%	6.45%	7.06%	9.87%
Well Production (GWP)			410	169	555	555	600	600	600
GWP Unit Charge ($/ac-ft)			$ 480	$ 480	$ 417	$ 433	$ 441	$ 456	$ 473
GWP Cost			$196,800	$81,120	$231,435	$240,315	$264,600	$273,600	$283,800

Notes:

1. All quantities are in acre-feet (ac-ft).
2. Projected Total Production for FY 16/17 at 3,700 ac-ft due to Governor's order to reduce demand to Oct. 2016
3. Shrinkage (water loss) anticipated to be 8% as part of the continuation of the water meter replacement program
4. FMWD Cost based on FMWD's Preliminary Budget for FY 16/17 dated 6/20/16

Water Budget Table WB-3 Sources of Water Funds - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Sources of Funds - Variable Sources									
Water Sales - Consumers	$ 7,463,415	$ 6,594,471	$ 6,868,000	$ 5,973,000	$ 6,953,000	$ 7,654,000	$ 8,439,000	$ 9,303,000	$ 10,199,000
Water Sales - CVWD	$ 4,843,462	$ 4,162,173	$ 6,868,000	$ 5,973,000	$ 6,953,000	$ 7,654,000	$ 8,439,000	$ 9,303,000	$ 10,199,000
Water Sale - FMWD	$ 2,619,953	$ 2,432,299	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest Earned - Water	$ 125,914	$ 91,782	$ 100,000	$ 100,000	$ 107,000	$ 99,000	$ 89,000	$ 87,000	$ 91,000
Gain/Loss on Sale of Investments	$ 47,243	$ 94,125	$ -	$ 40,000	$ 56,000	$ 51,000	$ 48,000	$ 47,000	$ 49,000
Fair Value Adjustment	$ 202,439	$ (122,475)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest Earned - MTBE Reserve Fund	$ 46,780	$ 103,498	$ 125,000	$ 110,000	$ 77,000	$ 79,000	$ 81,000	$ 83,000	$ 85,000
Subtotal variable sources	$ 7,885,791	$ 6,761,401	$ 7,093,000	$ 6,223,000	$ 7,193,000	$ 7,883,000	$ 8,657,000	$ 9,520,000	$ 10,424,000
Sources of Funds - Stable Sources									
Water Sales - Service Charge	$ 1,731,323	$ 1,828,481	$ 1,938,000	$ 1,936,000	$ 2,247,000	$ 2,412,000	$ 2,596,000	$ 2,795,000	$ 2,994,000
Fire Service Meter Charge	$ 31,667	$ 33,300	$ 34,000	$ 34,000	$ 38,000	$ 41,000	$ 45,000	$ 48,000	$ 52,000
Late Fees/Fire Hydrant Flow/Backflow Tests	$ 70,271	$ 71,455	$ 70,000	$ 77,000	$ 80,000	$ 83,000	$ 86,000	$ 89,000	$ 92,000
Other Income - Water	$ -	$ -	$ 7,000	$ 3,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Rental Property Income	$ 21,573	$ 22,200	$ 22,500	$ 23,000	$ 23,000	$ 23,000	$ 23,000	$ 26,000	$ 26,000
Subtotal - Stable Sources	$ 1,854,834	$ 1,955,436	$ 2,071,500	$ 2,073,000	$ 2,393,000	$ 2,564,000	$ 2,755,000	$ 2,963,000	$ 3,169,000
Sources of Funds - CIP Sources									
Water Systems Connect Fee	$ 62,660	$ 40,212	$ 39,800	$ 34,000	$ 45,000	$ 50,000	$ 55,000	$ 60,000	$ 60,000
Meter Installation/Hydrant Charges	$ 24,883	$ 148,150	$ 50,000	$ 30,000	$ 30,000	$ 60,000	$ 70,000	$ 80,000	$ 90,000
Grant Revenue	$ 78,772	$ 49,273	$ 1,400,000	$ 698,025	$ 1,150,250	$ 620,475	$ 285,300	$ 250,000	$ 250,000
Gain/Loss on Sale of Assets	$ 4,360	$ 664	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest Earned - COP Bonds (not included in subtotal or total)	$ 223	$ 162	$ 200	$ 200	$ 200	$ -	$ -	$ -	$ -
Subtotal CIP Sources	$ 170,898	$ 238,461	$ 1,490,000	$ 762,225	$ 1,225,450	$ 730,475	$ 410,300	$ 390,000	$ 400,000
TOTAL SOURCE OF FUNDS	$ 9,911,523	$ 8,955,298	$ 10,654,500	$ 9,058,225	$ 10,811,450	$ 11,177,475	$ 11,822,300	$ 12,873,000	$ 13,993,000

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
COMPENSATION AND BENEFITS									
Director Fees	$ 8,370	$ 9,225	$ 8,000	$ 8,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Compensation									
Officer Salaries	$ 144,628	$ 150,010	$ 164,500	$ 164,500	$ 170,000	$ 171,000	$ 172,000	$ 174,000	$ 176,000
Administrative Services Labor	$ 312,017	$ 332,408	$ 360,000	$ 355,000	$ 366,000	$ 371,000	$ 376,000	$ 382,000	$ 385,000
Administrative Services Labor - OT	$ 6,127	$ 3,209	$ 3,000	$ 4,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Engineering Department Labor	$ 301,033	$ 291,255	$ 436,000	$ 290,000	$ 298,000	$ 301,000	$ 308,000	$ 313,000	$ 317,000
Engineering Department Labor-OT	$ 2,164	$ 2,627	$ 2,000	$ 6,000	$ 4,000	$ 4,000	$ 4,000	$ 5,000	$ 5,000
Plant - Office Labor	$ 219,552	$ 202,521	$ 236,000	$ 158,800	$ 221,000	$ 223,000	$ 225,000	$ 228,000	$ 243,000
Plant - Office Labor-OT	$ 466	$ 352	$ 400	$ 300	$ -	$ -	$ -	$ -	$ -
System Operators Labor	$ 295,911	$ 274,129	$ 324,000	$ 277,000	$ 298,000	$ 301,000	$ 304,000	$ 307,000	$ 310,000
System Operators Labor-OT	$ 24,712	$ 24,973	$ 27,000	$ 21,900	$ 22,000	$ 22,000	$ 22,000	$ 23,000	$ 23,000
Utility Workers Labor	$ 294,955	$ 325,943	$ 372,000	$ 338,000	$ 345,000	$ 356,000	$ 364,000	$ 374,000	$ 398,000
Utility Workers Labor-OT	$ 42,065	$ 51,582	$ 45,000	$ 45,000	$ 52,000	$ 51,000	$ 52,000	$ 53,000	$ 54,000
Standby Pay	$ 42,002	$ 41,038	$ 41,000	$ 43,300	$ 43,000	$ 44,000	$ 44,000	$ 45,000	$ 46,000
Auto Allowance	$ 8,700	$ 9,075	$ 10,000	$ 10,200	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Labor Transfer to Capital	$ (128,358)		$ (150,000)	$ -	$ -	*combined with Engineering Dept. Labor*			$ -
Compensation Total	$ 1,702,702	$ 1,718,347	$ 1,878,900	$ 1,722,000	$ 1,841,000	$ 1,866,000	$ 1,893,000	$ 1,926,000	$ 1,979,000
Sick and Vacation - Office	$ 67,986	$ 133,363	$ 107,000	$ 102,000	$ 112,000	$ 112,000	$ 113,000	$ 115,000	$ 116,000
Sick and Vacation - Plant	$ 45,324	$ 88,909	$ 71,000	$ 68,000	$ 74,000	$ 74,000	$ 76,000	$ 77,000	$ 77,000
Taxes - Payroll (Total Employees)	$ 126,904	$ 130,866	$ 136,000	$ 132,700	$ 139,000	$ 141,000	$ 143,000	$ 145,000	$ 147,000
PERS Retirement (Total Employees)	$ 264,073	$ 274,681	$ 291,000	$ 270,000	$ 315,000	$ 342,000	$ 367,000	$ 392,000	$ 404,000
Workers' Compensation - Office	$ 14,131	$ 13,221	$ 16,000	$ 19,800	$ 21,000	$ 18,000	$ 16,000	$ 13,000	$ 13,000
Workers' Compensation - Plant	$ 58,439	$ 56,460	$ 74,000	$ 80,300	$ 90,000	$ 82,000	$ 71,000	$ 57,000	$ 58,000
Health and Dental and Vision - Office	$ 124,616	$ 136,220	$ 137,000	$ 130,700	$ 128,000	$ 131,000	$ 133,000	$ 136,000	$ 138,000
Life & Disability Insurance - Office & Plant	$ 8,374	$ 9,497	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 11,000	$ 12,000
Health and Dental and Vision - Plant	$ 132,108	$ 140,649	$ 152,000	$ 136,300	$ 140,000	$ 142,000	$ 145,000	$ 148,000	$ 150,000
Self Insurance	$ 11,286	$ 9,301	$ 13,000	$ 6,600	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000
Retiree - Health Care Expense	$ 86,345	$ 74,635	$ 79,000	$ 72,100	$ 74,000	$ 75,000	$ 77,000	$ 78,000	$ 80,000
Benefits Total	$ 939,586	$ 1,067,802	$ 1,086,000	$ 1,028,500	$ 1,116,000	$ 1,140,000	$ 1,164,000	$ 1,185,000	$ 1,208,000
TOTAL COMPENSATION AND BENEFITS	$ 2,642,288	$ 2,786,149	$ 2,964,900	$ 2,750,500	$ 2,957,000	$ 3,006,000	$ 3,057,000	$ 3,111,000	$ 3,187,000
PLANT - WATER OPERATION									
Taxes - Property	$ 12,030	$ 12,302	$ 12,800	$ 12,800	$ 13,300	$ 13,800	$ 14,300	$ 14,800	$ 15,300
Glenwood - Plant Maintenance	$ 10,417	$ 35,332	$ 25,000	$ 20,000	$ 23,000	$ 24,000	$ 25,000	$ 26,000	$ 27,000
Glenwood - Landscape	$ 4,716	$ 5,460	$ 7,500	$ 5,900	$ 5,500	$ 6,000	$ 6,500	$ 7,000	$ 7,500
Office Supplies & Misc Expenses - Plant	$ 8,880	$ 9,369	$ 6,000	$ 7,000	$ 7,000	$ 7,500	$ 8,000	$ 8,000	$ 8,000
Glenwood - Utilities	$ 16,329	$ 17,368	$ 14,000	$ 14,000	$ 16,000	$ 17,000	$ 18,000	$ 19,000	$ 20,000
Glenwood - Enterprise Communications - Move to Office	$ 37,923	$ 42,352	$ -	$ -	$ -	*combined 01-01-5225*		$ -	$ -
Glenwood - Wireless Voice & Data Communications	$ 8,159	$ 10,135	$ -	$ -	$ -	*combined 01-01-5226*		$ -	$ -
Training - Plant	$ 7,010	$ 6,307	$ 7,000	$ 7,000	$ 7,000	$ 7,500	$ 8,000	$ 8,500	$ 8,700
Education Reimbursement/Certifications	$ 5,675	$ 3,707	$ 4,000	$ 5,000	$ 4,000	$ 4,000	$ 5,000	$ 5,000	$ 5,000

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Glenwood - Safety and Security System	$ 25,889	$ 16,888	$ 17,000	$ 20,000	$ 17,000	$ 17,500	$ 18,000	$ 18,500	$ 19,000
Glenwood - Uniforms	$ 9,700	$ 9,865	$ 8,500	$ 11,000	$ 9,000	$ 9,500	$ 10,000	$ 10,500	$ 11,000
Permit & Assessment Fees	$ 1,198	$ 1,230	$ 1,500	$ 2,300	$ 1,500	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Tools and Equipment Maintenance	$ 12,008	$ 14,961	$ 20,000	$ 13,500	$ 16,000	$ 17,000	$ 18,000	$ 19,000	$ 20,000
Nitrate Plant Maintenance	$ 39,189	$ 49,440	$ 80,000	$ 56,500	$ 70,000	$ 75,000	$ 77,000	$ 79,000	$ 81,000
SCADA - Telemetering & Signal	$ 8,241	$ 7,687	$ 13,500	$ 6,000	$ 10,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000
SCADA Hardware	$ 2,861	$ 11,182	$ 6,000	$ 1,500	$ 6,000	$ 8,000	$ 9,000	$ 10,000	$ 11,000
SCADA Software	$ 204	$ -	$ 12,000	$ 10,000	$ 13,000	$ 14,000	$ 15,000	$ 16,000	$ 17,000
SCADA - Communications	$ 1,593	$ 1,431	$ 3,500	$ 2,000	$ 2,500	$ 3,000	$ 3,500	$ 4,000	$ 4,500
Lab & Sampling	$ 52,308	$ 93,575	$ 65,000	$ 50,000	$ 65,000	$ 67,000	$ 69,000	$ 71,000	$ 73,000
Chlorine & Treatment	$ 61,361	$ 72,859	$ 75,000	$ 71,000	$ 71,000	$ 73,000	$ 75,000	$ 78,000	$ 80,000
TOTAL PLANT WATER OPERATION	$ 325,691	$ 421,450	$ 415,500	$ 315,500	$ 356,800	$ 377,800	$ 394,300	$ 410,300	$ 425,000
DISTRIBUTION SYSTEM EXPENSES									
Backflow Expense	$ 389	$ 331	$ 250	$ 250	$ 500	$ 500	$ 500	$ 500	$ 500
Pipelines - Maintenance	$ 18,930	$ 55,643	$ 50,000	$ 30,000	$ 51,000	$ 52,000	$ 53,000	$ 54,000	$ 55,000
Pipelines - Paving	$ 12,908	$ 19,030	$ 17,000	$ 22,000	$ 20,000	$ 21,000	$ 22,000	$ 23,000	$ 24,000
Pipelines - Fire Hydrant & Fire Service Repair/Replace	$ 547	$ 9,939	$ 12,000	$ 15,500	$ 13,000	$ 14,000	$ 15,000	$ 16,000	$ 17,000
Pipelines - Leak Detection/Leak Repair	$ 330	$ 550	$ 3,000	$ 3,000	$ 25,000	$ 5,000	$ 25,000	$ 5,000	$ 6,000
Pipelines - Trench Plate Rentals	$ 1,229	$ 4,373	$ 1,500	$ 2,500	$ 2,500	$ 2,500	$ 2,500	$ 2,500	$ 2,000
Pipelines - Water Sampling Stations	$ 669	$ 1,252	$ 500	$ 250	$ 500	$ 500	$ 500	$ 500	$ 500
Pipelines - Valves	$ -	$ -	$ 3,000	$ 2,500	$ 4,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000
Reservoir - Maintenance	$ 30,917	$ 73,564	$ 80,000	$ 60,000	$ 80,000	$ 77,000	$ 80,000	$ 83,000	$ 86,000
Reservoir - Landscape	$ 19,855	$ 14,752	$ 22,000	$ 20,000	$ 17,000	$ 18,000	$ 19,000	$ 20,000	$ 21,000
Meters - Maintenance	$ 328,235	$ 265,372	$ 275,000	$ 255,000	$ 250,000	$ 225,000	$ 185,000	$ 185,000	$ 185,000
Meters - Paving	$ 337,413	$ 186,142	$ 275,000	$ 262,000	$ 230,000	$ 230,000	$ 235,000	$ 240,000	$ 240,000
Meters - Repair/Replacement/Upgrade	$ 4,948	$ 4,823	$ 15,000	$ 5,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Meters - Lateral Leaks	$ 90,443	$ 58,875	$ 150,000	$ 50,000	$ 76,000	$ 75,000	$ 76,000	$ 77,000	$ 78,000
Meters - Trench Plate Rentals	$ 6,475	$ 3,420	$ 2,000	$ 1,500	$ 2,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Meters - D-jobs	$ 9,710	$ 101,219	$ 8,000	$ 14,500	$ 8,000	$ 8,000	$ 9,000	$ 9,000	$ 10,000
Wells - Maintenance	$ 27,331	$ 54,389	$ 32,000	$ 7,000	$ 45,000	$ 33,000	$ 37,000	$ 41,000	$ 44,000
Wells - Landscape	$ 7,581	$ 3,360	$ 3,500	$ 3,500	$ 5,000	$ 5,000	$ 6,000	$ 6,000	$ 6,000
Wells - Rent	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300
Booster Pump - Maintenance	$ 58,700	$ 18,453	$ 60,000	$ 63,000	$ 57,000	$ 63,000	$ 72,000	$ 77,000	$ 82,000
Emergency Generators	$ 11,712	$ 21,348	$ 22,000	$ 16,000	$ 22,500	$ 23,000	$ 23,500	$ 24,000	$ 24,500
Auto/Truck - Maintenance	$ 76,727	$ 72,212	$ 50,000	$ 60,000	$ 55,000	$ 57,000	$ 59,000	$ 61,000	$ 62,000
Auto/Truck - Gas	$ 25,875	$ 21,008	$ 17,500	$ 16,000	$ 20,000	$ 20,500	$ 21,000	$ 21,500	$ 22,000
Auto/Truck - Diesel	$ 17,042	$ 18,566	$ 17,500	$ 14,000	$ 18,000	$ 18,500	$ 19,000	$ 19,500	$ 20,000
TOTAL DISTRIBUTION SYSTEM EXPENSES	$ 1,112,362	$ 1,008,921	$ 1,117,050	$ 923,800	$ 1,012,300	$ 964,800	$ 977,300	$ 983,800	$ 1,004,800

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
GENERAL AND ADMINISTRATIVE EXPENSES									
General Liability Insurance	$ 46,256	$ 44,131	$ 53,000	$ 53,000	$ 56,000	$ 59,000	$ 62,000	$ 65,000	$ 68,000
Accounting - Audit	$ 15,079	$ 11,515	$ 13,000	$ 13,000	$ 13,000	$ 14,500	$ 15,000	$ 15,500	$ 16,000
Legal Consulting Fees	$ 42,935	$ 85,614	$ 45,000	$ 66,000	$ 47,000	$ 49,000	$ 51,000	$ 53,000	$ 55,000
Administrative Consultants	$ 34,711	$ 73,932	$ 120,000	$ 90,000	$ 130,000	$ 130,000	$ 130,000	$ 130,000	$ 100,000
Election Expense	$ 36,751	$ -	$ 40,000	$ -	$ -	$ 45,000	$ -	$ 50,000	$ -
Office Maintenance	$ 10,135	$ 9,652	$ 12,000	$ 10,000	$ 12,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000
Landscape Maintenance - Office	$ 5,129	$ 6,631	$ 7,500	$ 6,500	$ 7,500	$ 8,000	$ 8,500	$ 9,000	$ 9,500
Office Supplies & Misc Expenses - Office	$ 5,459	$ 5,041	$ 5,500	$ 6,500	$ 5,500	$ 6,000	$ 6,000	$ 6,000	$ 6,500
Computer Hardware	$ 21,660	$ 24,719	$ 27,000	$ 27,000	$ 25,000	$ 26,000	$ 27,000	$ 28,000	$ 29,000
Computer Software	$ 18,067	$ 27,965	$ -	$ -	$ -	*Combined with Computer Software, Maint. Lic*			
Computer Software, Maintenance, Licenses	$ 17,551	$ 19,353	$ 60,000	$ 45,000	$ 50,000	$ 50,000	$ 51,000	$ 52,000	$ 53,000
Utilities - Office	$ 17,698	$ 19,978	$ 20,000	$ 20,000	$ 21,000	$ 21,500	$ 22,000	$ 22,500	$ 23,000
Enterprise Voice Communications	$ 24,475	$ 25,463	$ 12,750	$ 40,000	$ 40,000	$ 41,000	$ 42,000	$ 43,000	$ 44,000
Data Communications - Fiber Lines/Internet	$ -	$ -	$ 48,750	$ 45,000	$ 49,000	$ 50,000	$ 51,000	$ 52,000	$ 53,000
Wireless Voice & Data Communications-cell	$ 15,078	$ 5,670	$ 29,500	$ 14,000	$ 14,000	$ 15,000	$ 15,500	$ 16,000	$ 16,500
Printing, Postage, Stationery, Copier Maint.	$ 41,638	$ 43,423	$ 37,000	$ 35,000	$ 37,500	$ 38,000	$ 38,500	$ 39,500	$ 40,500
Uncollectible Accounts-Water	$ 9,190	$ 9,312	$ 3,000	$ 3,000	$ 3,500	$ 3,500	$ 4,000	$ 4,000	$ 4,500
Water System Fees (DHS, RWQCB, LAFCO, Misc)	$ 47,454	$ 46,503	$ 60,000	$ 46,000	$ 50,000	$ 51,000	$ 52,000	$ 53,000	$ 54,000
Engineering Department	$ 10,511	$ 10,660	$ 9,900	$ 10,800	$ 11,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000
Water Conservation	$ 31,208	$ 22,848	$ 45,000	$ 26,000	$ 30,000	$ 31,000	$ 32,000	$ 33,000	$ 34,000
Pipeline/Advertising - Water Conservation	$ -	$ 1,309	$ 5,000	$ 2,000	$ 2,500	$ 2,500	$ 2,500	$ 2,500	$ 2,500
Turf Rebates - Water Conservation	$ 51,061	$ 109,470	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -	$ -
Device Rebates - Water Conservation	$ 50	$ 3,775	$ 5,000	$ 3,500	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Community Outreach	$ -	$ 534	$ 12,000	$ 9,200	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Training - Office	$ 5,931	$ 3,271	$ 3,000	$ 3,000	$ 3,500	$ 4,000	$ 4,500	$ 5,000	$ 5,500
Conferences and Seminars - Office	$ 10,260	$ 7,518	$ 10,000	$ 8,000	$ 9,000	$ 10,000	$ 11,000	$ 12,000	$ 13,000
Board of Directors - Conferences and Seminars	$ 3,216	$ 2,265	$ 2,300	$ 5,000	$ 5,000	$ 5,000	$ 5,500	$ 6,000	$ 6,500
Misc Administration - Office	$ 2,598	$ 5,292	$ 5,000	$ 4,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Board of Directors - Misc Administration	$ 1,286	$ 1,758	$ 2,000	$ 1,500	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Membership Renewals/Subscriptions	$ 23,501	$ 22,893	$ 26,000	$ 20,000	$ 22,000	$ 23,000	$ 24,000	$ 25,000	$ 26,000
Bank Charges	$ 12,818	$ 14,971	$ 15,500	$ 20,000	$ 21,500	$ 22,500	$ 23,500	$ 24,500	$ 25,500
Rental Property	$ -	$ 2,314	$ 3,100	$ 3,100	$ 2,500	$ 2,500	$ 2,500	$ 2,500	$ 2,500
TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	$ 561,706	$ 667,780	$ 735,600	$ 671,100	$ 692,000	$ 756,000	$ 731,000	$ 801,000	$ 742,000
Emergency Operations	$ -	$ -	$ 2,000	$ 1,000	$ 2,000	$ 2,000	$ 3,000	$ 3,000	$ 3,000
EMERGENCY OPERATIONS	$ -	$ -	$ 2,000	$ 1,000	$ 2,000	$ 2,000	$ 3,000	$ 3,000	$ 3,000
TOTAL EXPENSE	$ 4,642,047	$ 4,884,300	$ 5,235,050	$ 4,661,900	$ 5,020,100	$ 5,106,600	$ 5,162,600	$ 5,309,100	$ 5,361,800
Total O & M Expense (w/o Labor & Benefits)	$ 1,999,759	$ 2,098,151	$ 2,270,150	$ 1,911,400	$ 2,063,100	$ 2,100,600	$ 2,105,600	$ 2,198,100	$ 2,174,800

Water Budget Table WB-5 Water - Purchase Water & Power - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	*Budget FY 2015-16*	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Purchased Water - FWMD (ac-ft)	2,410	1,875	*1,245*	1,563	1,195	1,145	1,080	1,000	880
Projected FMWD Cost	$ 3,150,800	$ 2,741,033	*$ 2,093,000*	$ 2,445,924	$ 2,099,400	$ 2,108,300	$ 2,116,900	$ 2,098,400	$ 2,028,900
Purchased Water - GWP (ac-ft)	0	0	*410*	169	555	555	600	600	600
Projected GWP Cost	$ -	$ -	*$ 196,800*	$ 81,120	$ 231,435	$ 240,315	$ 264,600	$ 273,600	$ 283,800
Purchased Power Cost	$ 672,908	$ 682,044	*$ 678,000*	$ 640,300	$ 695,000	$ 716,000	$ 737,000	$ 759,000	$ 778,000
SCE	$ 301,975	*$ 296,387*	*$ 294,000*	*$ 253,000*	*$ 265,000*	*$ 272,950*	*$ 281,139*	*$ 289,573*	*$ 296,812*
Glendale	$ 380,074	*$ 388,734*	*$ 389,000*	*$ 387,500*	*$ 430,000*	*$ 442,900*	*$ 456,187*	*$ 469,873*	*$ 481,619*
Constellation Credit	$ (9,141)	$ (3,077)	*$ (5,000)*	$ (200)	$ (500)	$ -	$ -	$ -	$ -
% Increase/Decrease - Import Water Cost	41.1%	-13.0%	*-23.6%*	-10.8%	-14.2%	0.4%	0.4%	-0.9%	-3.3%
% Increase/Decrease - Power Cost	4.5%	1.4%	*-0.6%*	-6.1%	8.5%	3.0%	3.0%	3.0%	2.5%
Power cost/ac-ft	$141	$170	*$176*	$183	$188	$188	$189	$190	$190

Water Budget Table WB - 6 Water Capital Outlay & Equipment - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Spring Brook Software - Fixed Assets					$ 11,250				
Spring Brook Software - Payroll Module						$ 18,750			
Spring Brook Software - Work Order Module							$ 26,250		
Spring Brook Software - Project Management Module								$ 15,000	
Spring Brook Software - Extend Budget Module									$ 15,000
Software (Document/Billing Process Design)	$ 1,528								
Upgrade SCADA Equipment (SCADA 1A & 1B)	$ 29,255								
Upgrade Computer Hardware & Security	$ 14,952		$ 52,000	$ 20,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 20,000
Main Office - Seismic Upgrades					$ 15,000				
Main Office - Upgrades			$ 10,000	$ -	$ 20,000	$ 20,000	$ 20,000	$ 15,000	$ 15,000
Misc.			$ 3,000	$ 1,000	$ 3,750	$ 6,250	$ 4,750	$ 5,000	$ 5,000
CO Total	$ 45,735	$ -	$ 65,000	$ 21,000	$ 80,000	$ 75,000	$ 81,000	$ 65,000	$ 55,000
Capital - Equipment									
Water Quality - 5 Chlorine Analyzers	$ 32,497								
Pipe Tool		$ 7,721							
Vehicle Replacement - Unit 5	$ 44,533								
Vehicle Replacement - Unit 7	$ 25,661								
Vehicle Replacement - Unit 12	$ 23,245								
Vehicle Replacement - Unit 46		$ 90,546							
Vehicle Replacement - Unit 47		$ 51,975							
Vehicle Replacement - Unit 1					$ 30,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
CE Total	$ 125,936	$ 150,242	$ -	$ -	$ 30,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
CO & CE - Total	$ 171,671	$ 150,242	$ 65,000	$ 21,000	$ 110,000	$ 150,000	$ 156,000	$ 140,000	$ 130,000

Water Budget Table WB -7 Water - Capital Improvement Projects - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Water Supply	$ 352,370	$ 545,588	$ 1,945,000	$ 2,278,754	$ 840,000	$ 805,000	$ 600,000	$ 500,000	$ 500,000
Water Storage	$ 350,043	$ 172,335	$ -	$ -	$ 320,000	$ 320,000	$ 400,000	$ 400,000	$ 400,000
Water Distribution	$ 641,526	$ 1,143,405	$ 880,000	$ 812,852	$ 1,365,000	$ 1,395,000	$ 1,245,000	$ 1,350,000	$ 1,550,000
Water Treatment	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000	$ 75,000	$ 75,000
Technology	$ 21,847	$ 25,524	$ 315,000	$ 56,000	$ 200,000	$ 205,000	$ 430,000	$ 350,000	$ -
Public Safety/Emergency Response	$ -	$ 93,754	$ 75,000	$ -	$ 75,000	$ 75,000	$ 75,000	$ -	$ -
Facilities & Planning	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 125,000	$ 275,000
Total CIP	$ 1,365,786	$ 1,980,606	$ 3,215,000	$ 3,147,606	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000

Water Budget Table WB - 8 Water Reserve Targets - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Rate stabilization (a)	$ 1,888,000	$ 1,670,000	$ 1,902,000	$ 1,493,000	$ 1,738,000	$ 1,914,000	$ 2,110,000	$ 2,326,000	$ 2,550,000
Emergency fund (b)	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000
Labor & benefits	$ 2,642,288	$ 2,786,149	$ 2,961,000	$ 2,750,500	$ 2,957,000	$ 3,006,000	$ 3,057,000	$ 3,111,000	$ 3,187,000
Power	$ 672,908	$ 682,044	$ 678,000	$ 640,300	$ 695,000	$ 716,000	$ 737,000	$ 759,000	$ 778,000
Operating expenses	$ 1,999,759	$ 2,098,151	$ 2,306,800	$ 1,911,400	$ 2,063,100	$ 2,100,600	$ 2,105,600	$ 2,198,100	$ 2,174,800
O & M Costs	$ 5,314,955	$ 5,566,344	$ 5,945,800	$ 5,302,200	$ 5,715,100	$ 5,822,600	$ 5,899,600	$ 6,068,100	$ 6,139,800
Working cash (c)	$ 885,826	$ 927,724	$ 990,967	$ 883,700	$ 952,517	$ 970,433	$ 983,267	$ 1,011,350	$ 1,023,300
Total target cash reserves	$ 3,524,000	$ 3,348,000	$ 3,643,000	$ 3,127,000	$ 3,441,000	$ 3,634,000	$ 3,843,000	$ 4,087,000	$ 4,323,000

Note:

a. Rate stabilization reserves are based on 25 percent of total water commodity sales

b. Emergency reserves equal $750,000.

c. Working cash is based on two months of O&M less purchased water

Water Budget Table WB - 8A MTBE Fund Reserve - FY 16/17 - Draft V10

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
MTBE - Income									
MTBE Settlement	$ 6,845,647	$ -	$ -	$ 6,320	$ -	$ -	$ -	$ -	$ -
Repayment from CVWD General Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
MTBE - Income from Sale of Investments	$ 47,243	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Income	$ 6,892,890	$ -	$ -	$ 6,320	$ -	$ -	$ -	$ -	$ 500,000
MTBE - Expense									
Transfer to CVWD General Fund	$ -	$ -	$ 2,000,000	$ 2,000,000	$ 1,000,000	$ -	$ -	$ -	$ -
Lab Expense	$ 62,427	$ 43,798	$ 50,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 25,000
Labor Expense	$ -	$ -	$ 12,000	$ -	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 6,000
Administrative Consultant	$ -	$ -	$ 40,000	$ -	$ -	$ -	$ -	$ 75,000	$ -
Total Expense	$ 62,427	$ 43,798	$ 2,102,000	$ 2,035,000	$ 1,043,000	$ 43,000	$ 43,000	$ 118,000	$ 31,000
Increase (Decrease) to Fund	$ 6,830,463	$ (43,798)	$ (2,102,000)	$ (2,028,680)	$ (1,043,000)	$ (43,000)	$ (43,000)	$ (118,000)	$ 469,000
MTBE Reserve Fund									
FY Begin Available MTBE Reserve Funds	$ 2,049,556	$ 8,880,019	$ 8,836,221	$ 8,836,221	$ 6,807,541	$ 5,764,541	$ 5,721,541	$ 5,678,541	$ 5,560,541
FY End Available MTBE Reserve Funds	$ 8,880,019	$ 8,836,221	$ 6,734,221	$ 6,807,541	$ 5,764,541	$ 5,721,541	$ 5,678,541	$ 5,560,541	$ 6,029,541

Note:

a. Interest Income based on 1% annual rate of return on investment

Water Budget Table WB-9 - Total Sources - FY 16/17 - Draft V10

	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
REVENUE									
Service Readiness Charge Revenue	$ 1,731,323	$ 1,828,481	$ 1,938,000	$ 1,936,000	$ 2,247,000	$ 2,412,000	$ 2,596,000	$ 2,795,000	$ 2,994,000
Metered sales of water (CVWD Costs)	$ 4,843,462	$ 4,162,173	$ 6,868,000	$ 5,973,000	$ 6,953,000	$ 7,654,000	$ 8,439,000	$ 9,303,000	$ 10,199,000
Required metered sales of water (FMWD Costs)	$ 2,619,953	$ 2,432,299	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest Income - Water Reserves	$ 125,914	$ 91,782	$ 100,000	$ 140,000	$ 163,000	$ 150,000	$ 137,000	$ 134,000	$ 140,000
Interest Income - MTBE Reserves	$ 46,780	$ 103,000	$ 125,000	$ 110,000	$ 77,000	$ 79,000	$ 81,000	$ 83,000	$ 85,000
Source of Funds - Other Sources	$ 170,754	$ 221,080	$ 126,500	$ 137,000	$ 146,000	$ 152,000	$ 159,000	$ 168,000	$ 175,000
Sources of Funds - CIP Sources	$ 170,898	$ 238,461	$ 1,490,000	$ 762,225	$ 1,225,450	$ 730,475	$ 410,300	$ 390,000	$ 400,000
Transfer from MTBE Fund			$ 2,000,000	$ 2,000,000	$ 1,000,000	$ -	$ -	$ -	$ -
TOTAL REVENUE	$ 9,771,511	$ 9,077,276	$ 12,647,500	$ 11,058,225	$ 11,811,450	$ 11,177,475	$ 11,822,300	$ 12,873,000	$ 13,993,000
OPERATIONS & MAINTENANCE (O & M) EXPENSE									
Labor & Benefits	$ 2,642,288	$ 2,786,149	$ 2,964,900	$ 2,750,500	$ 2,957,000	$ 3,006,000	$ 3,057,000	$ 3,111,000	$ 3,187,000
Purchased Water (FMWD)	$ 3,151,636	$ 2,741,033	$ 2,093,000	$ 2,446,000	$ 2,099,000	$ 2,108,000	$ 2,117,000	$ 2,098,000	$ 2,029,000
Purchased Water (GWP)	$ -	$ -	$ 185,000	$ 81,120	$ 231,000	$ 240,000	$ 265,000	$ 274,000	$ 284,000
Power	$ 672,908	$ 682,044	$ 715,000	$ 640,300	$ 695,000	$ 716,000	$ 737,000	$ 759,000	$ 778,000
Operating expenses	$ 1,999,759	$ 2,098,151	$ 2,270,150	$ 1,911,400	$ 2,063,100	$ 2,100,600	$ 2,105,600	$ 2,198,100	$ 2,174,800
Total O & M Expense	$ 8,466,591	$ 8,307,377	$ 8,228,050	$ 7,829,320	$ 8,045,100	$ 8,170,600	$ 8,281,600	$ 8,440,100	$ 8,452,800
Debt Service (principal & interest)	$ 612,400	$ 612,454	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 615,000
Total O & M Expense + Debt Service	$ 9,078,991	$ 8,919,831	$ 8,842,050	$ 8,443,320	$ 8,659,100	$ 8,784,600	$ 8,895,600	$ 9,054,100	$ 9,067,800
Cash Available for Capital - [Revenue - (Total O & M Expense + Debt Service)]	$ 692,520	$ 157,445	$ 3,805,450	$ 2,614,905	$ 3,152,350	$ 2,392,875	$ 2,926,700	$ 3,818,900	$ 4,925,200
CAPITAL OUTLAY, LIABILITIES and CAPITAL PROJECTS									
Capital Outlay & Equipment	$ 171,671	$ 140,870	$ 65,000	$ 21,000	$ 110,000	$ 150,000	$ 156,000	$ 140,000	$ 130,000
Re-Payment to MTBE Fund	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
Future Liability (OPEB)	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
Capital Improvements (pay-as-you-go)	$ 1,365,786	$ 1,981,000	$ 3,215,000	$ 3,147,606	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000	$ 2,800,000
Total - Capital Outlay, CIP, CIP Fund & Future Liability	$ 1,637,457	$ 2,282,237	$ 3,380,000	$ 3,268,606	$ 3,010,000	$ 3,050,000	$ 3,056,000	$ 3,040,000	$ 3,530,000
INCREASE (DECREASE) TO CASH	$ (944,937)	$ (2,124,793)	$ 425,450	$ (653,701)	$ 142,350	$ (657,125)	$ (129,300)	$ 778,900	$ 1,395,200
FY begin available Water Reserves	$ 6,457,073	$ 5,512,136	$ 4,057,756	$ 4,057,756	$ 3,404,056	$ 3,546,406	$ 2,889,282	$ 2,759,982	$ 3,538,882
FY End Water Reserves	$ 5,512,136	$ 3,387,343	$ 4,483,207	$ 3,404,056	$ 3,546,406	$ 2,889,282	$ 2,759,982	$ 3,538,882	$ 4,934,082
Reconciliation	$ -	$ 670,413	$ -	$ -	$ -	$ -	$ -	$ -	$ -
FY End Water Reserves	$ 5,512,136	$ 4,057,756	$ 4,483,207	$ 3,404,056	$ 3,546,406	$ 2,889,282	$ 2,759,982	$ 3,538,882	$ 4,934,082
TOTAL TARGET WATER CASH RESERVES	$ 3,524,000	$ 3,348,000	$ 3,643,000	$ 3,127,000	$ 3,441,000	$ 3,634,000	$ 3,843,000	$ 4,087,000	$ 4,323,000
Above or (below) Target Reserves	$ 1,988,136	$ 709,756	$ 840,207	$ 277,056	$ 105,406	$ (744,718)	$ (1,083,018)	$ (548,118)	$ 611,082
Effective date of water rates	7/1/13	7/1/14	7/1/15	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19	7/1/20
Projected Rate Increase for Service Charge	5.6%	5.8%	5.7%	5.7%	13.4%	7.2%	7.4%	7.5%	7.0%
Service rates ($/month for 3/4" meter)	$ 17.10	$ 15.30	$ 18.10	$ 18.10	$ 20.53	$ 22.00	$ 23.60	$ 25.40	$ 27.20
Projected Rate Increase for Quantity Charge	5.6%	5.8%	5.7%	5.7%	5.2%	7.2%	7.4%	7.5%	7.0%
Quantity Charge: ($/kgal)	$ 5.33	$ 5.64	$ 5.96	$ 5.96	$ 6.27	$ 6.72	$ 7.22	$ 7.76	$ 8.30

Legend

Blue - Recorded Revenues & Expenses

Brown - Previous Year Budget & Projected End of Year

Black - Budget Revenues & Expenses

Green - Forcast Revenues & Expenses

Wastewater Budget Table WWB-1 Projected Wastewater Accounts - FY 16/17 - Draft V8

Wastewater Accounts	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Residential Units - EDU[1]									
Single Family	5,271	5,273	5,275	5,277	5,279	5,281	5,283	5,285	5,287
Multi-family	2,546	2,548	2,550	2,550	2,552	2,554	2,556	2,558	2,560
Total Residential Units - EDU[1]	7,817	7,821	7,825	7,827	7,831	7,835	7,839	7,843	7,847
Total No. of Accounts - Commercial	166	166	166	166	166	166	166	166	166
Total No. of Accounts - School	6	6	6	6	6	6	6	6	6
Total EDUs	7,989	7,993	7,997	7,999	8,003	8,007	8,011	8,015	8,019
Projected No. of Account Annual Increase	9	9	4	6	4	4	4	4	4
Projected Percent of Account Annual Increase	0.11%	0.11%	0.05%	0.08%	0.05%	0.05%	0.05%	0.05%	0.05%

Note:
1. EDU = Equivalent Dwelling Units

Wastewater Budget Table WWB-2 Revenues - FY 16/17 - Draft V8

	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Wastewater User and Standby Charge Revenues									
Single family dwelling unit	$ 3,241,490	$ 3,341,597	$ 2,136,000	$ 2,126,600	$ 2,138,000	$ 2,170,000	$ 2,203,000	$ 2,236,000	$ 2,268,000
Multiple family dwelling			$ 1,032,000	$ 987,000	$ 1,034,000	$ 1,050,000	$ 1,066,000	$ 1,082,000	$ 1,098,000
Total School charges			$ 96,000	$ 91,000	$ 95,000	$ 97,000	$ 100,000	$ 102,000	$ 105,000
Total Commercial user charges			$ 251,000	$ 240,000	$ 251,000	$ 255,000	$ 259,000	$ 264,000	$ 268,000
Sewer Service Discount			$ (150,000)	$ (100,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)
Total user charge revenues	$ 3,241,490	$ 3,341,597	$ 3,364,000	$ 3,344,600	$ 3,368,000	$ 3,422,000	$ 3,478,000	$ 3,534,000	$ 3,589,000
Permit/Connection Fees/Misc.									
Sewer Permits	$ 1,000	$ 6,000	$ 1,500	$ 1,500	$ 4,000	$ 4,000	$ 3,000	$ 2,000	$ 1,500
Sewer Connection Fee (CVWD)	$ 29,815	$ 31,523	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 15,000	$ 15,000
Misc. Revenue	$ -	$ 27,577	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Rental Properties Income	$ 7,191	$ 7,400	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500
Total Permit/Connection Fees/Misc.	$ 38,006	$ 72,500	$ 29,000	$ 29,000	$ 36,500	$ 36,500	$ 35,500	$ 29,500	$ 29,000
Interest Earned	$ 207	$ 103	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
Total Revenue	$ 3,279,703	$ 3,414,200	$ 3,393,500	$ 3,374,100	$ 3,405,000	$ 3,459,000	$ 3,514,000	$ 3,564,000	$ 3,618,500

Wastewater Budget Table WWB-3 City of Los Angeles O & M and Capital Expense - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21	
City of Los Angeles Projection O & M	$ 453,778	$ 346,710	$ 667,760	$ 450,888	$ 696,140	$ 696,140	$ 696,140	$ 696,140	$ 696,140	
City of Los Angeles Projection Capital	$ 462,534	$ 328,303	$ 855,720	$ 911,307	$ 547,280	$ 547,280	$ 547,280	$ 547,280	$ 547,280	
City of Los Angeles Projection Total	$ 916,312	$ 675,013	$ 1,523,480	$ 1,362,195	$ 1,243,420	$ 1,243,420	$ 1,243,420	$ 1,243,420	$ 1,243,420	
City of Los Angeles Projections - March 2016					*FY 2016-17*	*FY 2017-18*	*FY 2018-19*	*FY 2019-20*	*FY 2020-21*	***5 - Yr Avg***
City of Los Angeles Projection O & M					$ 671,100	$ 683,800	$ 695,900	$ 708,500	$ 721,400	***$ 696,140***
City of Los Angeles Projection Capital					$ 579,000	$ 702,800	$ 522,100	$ 836,600	$ 95,900	***$ 547,280***
City of Los Angeles Projection Total					***$ 1,250,100***	***$ 1,386,600***	***$ 1,218,000***	***$ 1,545,100***	***$ 817,300***	***$ 1,243,420***

Notes:

1. Source for FY 2016-17 City of Los Angeles - Amalgamated System Sewer Service Charges (ASSSC) include both capital and O&M charges dated 3/9/16
2. Projected FY 2015/16 does includes City of LA Reconciliation Charge for FY 2014/15 of $166,323
3. Budget 16/17 - 20/21 - Based on Average Cost from City of LA from 2016-2021

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
TREATMENT AND DISPOSAL CHARGES									
Los Angeles ASSSC	$ 916,312	$ 675,013	$ 1,523,480	$ 1,362,195	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000
TOTAL TREATMENT AND DISPOSAL CHARGES	$ 951,312	$ 675,013	$ 1,523,480	$ 1,362,195	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000
COMPENSATION AND BENEFITS									
Director Fees	$ 8,370	$ 9,225	$ 8,000	$ 8,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Compensation									
Officer Salaries	$ 144,628	$ 150,010	$ 164,500	$ 164,500	$ 170,000	$ 171,000	$ 172,000	$ 174,000	$ 176,000
Administrative Services Labor	$ 239,655	$ 261,192	$ 285,000	$ 283,800	$ 283,000	$ 247,000	$ 251,000	$ 255,000	$ 256,600
Administrative Services Labor - OT	$ 6,127	$ 3,923	$ 3,000	$ 3,700	$ 3,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Engineering Department Labor	$ 100,029	$ 91,208	$ 145,000	$ 90,000	$ 111,000	$ 100,300	$ 102,600	$ 104,300	$ 105,700
Engineering Department Labor-OT	$ 721	$ 876	$ 660	$ 2,000	$ 1,000	$ 1,325	$ 1,350	$ 1,700	$ 1,700
Auto Allowance	$ 8,700	$ 9,075	$ 10,000	$ 10,200	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Plant - Office Labor	$ 61,776	$ 56,639	$ 79,000	$ 60,000	$ 74,000	$ 74,300	$ 75,000	$ 76,000	$ 81,000
Plant - Office Labor-OT	$ 155	$ 117	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Maintenance Workers Labor	$ 153,163	$ 174,267	$ 199,000	$ 185,000	$ 201,000	$ 213,000	$ 218,000	$ 220,000	$ 226,000
Maintenance Workers Labor-OT	$ 27,434	$ 18,157	$ 22,000	$ 20,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000	$ 23,000
Standby Pay	$ 14,000	$ 13,679	$ 14,000	$ 14,000	$ 14,000	$ 14,600	$ 14,600	$ 15,000	$ 15,300
Labor Transfer to Capital	$ (2,909)	$ -	$ (5,000)	$ -	$ -	*combined with Engineering Dept. Labor*			
Compensation Total	$ 764,758	$ 788,369	$ 925,160	$ 841,200	$ 898,000	$ 864,525	$ 877,550	$ 889,000	$ 906,300
PERS Retirement (Total Employees)	$ 176,593	$ 185,480	$ 194,000	$ 170,000	$ 210,000	$ 228,000	$ 245,000	$ 262,000	$ 269,300
Taxes - Payroll (Total Employees)	$ 84,603	$ 87,244	$ 90,000	$ 89,000	$ 93,000	$ 94,000	$ 95,300	$ 96,600	$ 98,000
Sick and Vacation - Office	$ 22,662	$ 44,454	$ 36,000	$ 33,500	$ 37,000	$ 37,300	$ 37,600	$ 38,300	$ 38,600
Health and Dental and Vision - Office	$ 83,046	$ 91,056	$ 91,000	$ 87,500	$ 86,000	$ 87,300	$ 88,600	$ 90,600	$ 92,000
Retiree - Health Care Expense	$ 57,564	$ 49,757	$ 52,000	$ 48,000	$ 49,000	$ 50,000	$ 51,300	$ 52,000	$ 53,000
Life & Disability Insurance - Office and Plant	$ 5,583	$ 6,331	$ 6,600	$ 6,700	$ 7,000	$ 6,750	$ 6,750	$ 7,300	$ 8,000
Self Insurance	$ 6,894	$ 6,201	$ 8,800	$ 4,500	$ 8,000	$ 8,600	$ 8,600	$ 8,600	$ 8,600
Workers' Compensation - Office	$ 9,420	$ 8,815	$ 10,500	$ 11,500	$ 14,000	$ 12,000	$ 10,600	$ 8,600	$ 8,600
Sick and Vacation - Plant	$ 15,108	$ 29,636	$ 24,000	$ 24,000	$ 25,000	$ 24,600	$ 25,300	$ 25,600	$ 25,600
Health and Dental and Vision - Plant	$ 88,014	$ 93,666	$ 101,000	$ 95,000	$ 93,000	$ 94,700	$ 96,600	$ 98,600	$ 100,000
Workers' Compensation - Plant	$ 38,959	$ 37,640	$ 50,000	$ 55,000	$ 60,000	$ 54,675	$ 47,300	$ 38,000	$ 38,600
Benefits Total	$ 588,446	$ 640,280	$ 663,900	$ 624,700	$ 682,000	$ 697,925	$ 712,950	$ 726,200	$ 740,300
TOTAL COMPENSATION AND BENEFITS	$ 1,353,204	$ 1,428,649	$ 1,589,060	$ 1,465,900	$ 1,580,000	$ 1,562,450	$ 1,590,500	$ 1,615,200	$ 1,646,600
PLANT OPERATING EXPENSES									
Taxes - Property	$ 4,010	$ 4,101	$ 4,200	$ 4,200	$ 4,500	$ 4,600	$ 4,800	$ 4,900	$ 5,100
Glenwood - Plant Maintenance	$ 3,445	$ 3,174	$ 8,500	$ 8,000	$ 7,500	$ 8,000	$ 8,500	$ 8,600	$ 9,000
Landscaping Expense	$ 1,572	$ 1,820	$ 2,500	$ 2,000	$ 1,800	$ 2,000	$ 2,150	$ 2,300	$ 2,500
Office Supplies & Misc Expenses - Plant	$ 9,044	$ 9,353	$ 6,000	$ 7,000	$ 7,000	$ 7,500	$ 8,000	$ 8,000	$ 8,000
Glenwood - Utilities	$ 3,558	$ 3,575	$ 4,660	$ 4,600	$ 5,300	$ 5,700	$ 6,000	$ 6,300	$ 6,600
Glenwood - Voice Communications	$ 12,641	$ 14,117	$ -	$ -	$ -	*combined 01-01-5225*		$ -	$ -

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Glenwood - Wireless Voice & Data Communications	$ 2,720	$ 3,378	$ -	$ -	$ -	combined 01-01-5226		$ -	$ -
Training - Plant	$ 1,987	$ 3,222	$ 2,300	$ 2,100	$ 2,375	$ 2,500	$ 2,650	$ 2,800	$ 2,900
Education Reimbursement/Cert. - WW	$ 622	$ 252	$ 1,000	$ 750	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Glenwood - Safety and Security System	$ 8,020	$ 5,820	$ 5,800	$ 8,400	$ 5,750	$ 5,800	$ 6,000	$ 6,200	$ 6,300
Glenwood - Uniforms	$ 3,233	$ 3,288	$ 2,830	$ 4,000	$ 3,000	$ 3,250	$ 3,350	$ 3,500	$ 3,700
Tools and Equipment Maintenance	$ 18,098	$ 17,375	$ 20,000	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ 19,000	$ 20,000
Power - Lift Station	$ 691	$ 723	$ 750	$ 750	$ 750	$ 800	$ 800	$ 800	$ 800
Telemetering & Signal System	$ 2,641	$ 2,680	$ 4,500	$ 2,000	$ 3,300	$ 4,000	$ 4,300	$ 4,700	$ 5,000
SCADA Hardware	$ -	$ -	$ 2,000	$ 1,500	$ 2,000	$ 2,700	$ 3,000	$ 3,300	$ 3,700
SCADA Software	$ -	$ -	$ 4,000	$ 2,000	$ 4,400	$ 4,700	$ 5,000	$ 5,300	$ 5,600
SCADA Phone Lines & Radio	$ -	$ -	$ 1,160	$ 900	$ 850	$ 1,000	$ 1,150	$ 1,300	$ 1,500
TOTAL PLANT OPERATING EXPENSES	$ 72,282	$ 72,878	$ 70,200	$ 63,200	$ 65,525	$ 70,550	$ 74,700	$ 78,000	$ 81,700
COLLECTION SYSTEM EXPENSE									
Pipelines - Maintenance	$ 22,552	$ 4,746	$ 5,000	$ 2,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000	$ 8,000
Auto/Truck - Maintenance	$ 46,232	$ 34,676	$ 16,600	$ 36,000	$ 18,300	$ 19,000	$ 19,700	$ 20,300	$ 21,000
Auto/Truck - Gas	$ 8,026	$ 7,003	$ 5,800	$ 5,000	$ 6,600	$ 6,800	$ 7,000	$ 7,200	$ 7,300
Auto/Truck - Diesel	$ 5,681	$ 6,189	$ 5,800	$ 4,500	$ 6,000	$ 6,200	$ 6,300	$ 6,500	$ 6,600
Sewer Flow Monitoring Expense	$ 14,555	$ 12,860	$ 25,000	$ 12,500	$ 12,500	$ 13,000	$ 13,500	$ 26,500	$ 26,500
Sewer Camera Van Inspection	$ 3,248	$ 3,091	$ 3,500	$ 2,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Sewer Interceptor - Maintenance	$ 1,243	$ 1,360	$ 4,000	$ 2,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000
Sewer Lift Station - Maintenance	$ 4,338	$ 4,275	$ 6,000	$ 3,500	$ 3,500	$ 4,000	$ 4,500	$ 5,000	$ 5,500
TOTAL COLLECTION SYSTEM EXPENSE	$ 105,875	$ 74,200	$ 71,700	$ 67,500	$ 58,900	$ 62,000	$ 65,000	$ 80,500	$ 81,900
GENERAL AND ADMINISTRATIVE EXPENSES									
General Insurance (General Liability, Property, Fidelity)	$ 46,256	$ 44,131	$ 53,000	$ 50,000	$ 56,000	$ 59,000	$ 62,000	$ 65,000	$ 68,000
Accounting - Audit	$ 15,079	$ 11,515	$ 13,000	$ 13,000	$ 13,000	$ 14,500	$ 15,000	$ 15,500	$ 16,000
Legal Consulting Fees	$ 15,546	$ 16,163	$ 15,000	$ 15,500	$ 15,600	$ 16,600	$ 17,000	$ 17,600	$ 18,300
Administrative Consultants	$ 9,519	$ 27,706	$ 120,000	$ 85,000	$ 44,000	$ 42,500	$ 42,500	$ 43,300	$ 33,000
Election Expense	$ 36,751	$ -	$ 40,000	$ -	$ -	$ 45,000	$ -	$ 50,000	$ -
Office Maintenance	$ 3,378	$ 3,217	$ 4,000	$ 3,750	$ 4,000	$ 4,000	$ 4,300	$ 4,700	$ 5,000
Landscape Maintenance - Office	$ 1,710	$ 2,210	$ 2,500	$ 2,250	$ 2,500	$ 2,650	$ 2,800	$ 3,000	$ 3,100
Office Supplies & Misc Expenses	$ 5,442	$ 5,008	$ 1,800	$ 2,200	$ 5,500	$ 6,000	$ 6,000	$ 6,000	$ 6,500
Computers Hardware	$ 7,312	$ 6,837	$ 9,000	$ 6,500	$ 8,500	$ 8,600	$ 9,000	$ 9,300	$ 9,700
Computer Software	$ 6,022	$ 9,322	$ -	$ -	$ -	Combined with computer software, maint, licnc.			
Computer Software, Maintenance, License	$ 5,850	$ 6,241	$ 19,600	$ 15,000	$ 17,000	$ 17,000	$ 17,000	$ 17,300	$ 17,600
Utilities - Office	$ 5,522	$ 6,294	$ 6,500	$ 6,500	$ 7,200	$ 7,200	$ 7,300	$ 7,500	$ 7,700
Enterprise Voice Communications - land line phones	$ 8,158	$ 8,488	$ 4,200	$ 12,700	$ 13,600	$ 13,600	$ 14,000	$ 14,300	$ 14,700
Data Communications: Fiber Lines/Internet	$ -	$ -	$ 16,300	$ 15,600	$ 16,000	$ 17,000	$ 17,000	$ 17,000	$ 17,700
Wireless Voice & Data Communications - cell	$ 5,019	$ 1,890	$ 9,860	$ 5,000	$ 4,750	$ 5,000	$ 5,200	$ 5,300	$ 5,500
Printing, Postage, Stationery, Copier Maintenance	$ 41,406	$ 43,425	$ 36,000	$ 32,000	$ 37,500	$ 38,000	$ 38,500	$ 39,500	$ 40,500
Uncollectible Accounts	$ 3,327	$ 1,975	$ 1,000	$ 1,000	$ 1,150	$ 1,150	$ 1,300	$ 1,300	$ 1,500
Engineering Department	$ 3,504	$ 3,500	$ 3,300	$ 3,300	$ 3,600	$ 4,000	$ 4,300	$ 4,700	$ 5,000

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	*Budget FY 2015-16*	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Training - Office	$ 1,172	$ 938	*$ 3,000*	$ 1,500	$ 1,150	$ 1,350	$ 1,500	$ 1,700	$ 1,800
Conferences and Seminars - Office	$ 3,166	$ 2,298	*$ 3,400*	$ 2,500	$ 3,000	$ 3,300	$ 3,600	$ 4,000	$ 4,300
Board of Directors - Conferences and Seminars	$ 1,072	$ 755	*$ 500*	$ 1,000	$ 1,675	$ 1,675	$ 1,800	$ 2,000	$ 2,150
Misc Administration - Office	$ 1,085	$ 1,758	*$ 5,000*	$ 1,500	$ 1,675	$ 1,675	$ 1,700	$ 1,700	$ 1,700
Board of Directors - Misc Administration	$ 444	$ 590	*$ 650*	$ 300	$ 650	$ 650	$ 650	$ 650	$ 650
Membership Renewals/Subscriptions	$ 7,591	$ 7,376	*$ 8,800*	$ 8,000	$ 7,500	$ 7,600	$ 8,000	$ 8,300	$ 8,600
Bank Charges	$ 11,092	$ 13,347	*$ 15,500*	$ 18,000	$ 18,000	$ 19,000	$ 20,000	$ 21,000	$ 22,000
Rental Properties Expense	$ 1,612	$ 580	*$ 1,050*	$ 1,050	$ 850	$ 850	$ 850	$ 850	$ 850
GENERAL AND ADMINISTRATIVE EXPENSES	$ 247,035	$ 225,562	*$ 392,960*	$ 303,150	$ 284,400	$ 337,900	$ 301,300	$ 361,500	$ 311,850
TOTAL WASTEWATER SYSTEM EXPENSE (w/o LA Treatment Costs)	$ 1,778,396	$ 1,801,288	*$ 2,123,920*	$ 1,899,750	$ 1,988,825	$ 2,032,900	$ 2,031,500	$ 2,135,200	$ 2,122,050
TOTAL WASTEWATER SYSTEM EXPENSE (w/o LA Treatment & Labor Costs)	$ 425,192	$ 372,639	*$ 534,860*	$ 433,850	$ 408,825	$ 470,450	$ 441,000	$ 520,000	$ 475,450

Wastewater Budget Table WWB - 5 Reserve Targets - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	Budget FY 2015-16	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
Rate stabilization (a)	$ 492,000	$ 506,100	$ 509,100	$ 506,100	$ 510,750	$ 518,850	$ 527,100	$ 534,600	$ 542,850
Emergency reserves (b)	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000
Depreciation (reserves for replacements)	$ 800,000	$ 850,000	$ 750,000	$ 800,000	$ 850,000	$ 900,000	$ 950,000	$ 1,000,000	$ 1,050,000
Working cash (c)	$ 300,000	$ 300,000	$ 350,000	$ 320,000	$ 330,000	$ 340,000	$ 340,000	$ 360,000	$ 350,000
Total Target WW Reserves	$ 2,342,000	$ 2,406,100	$ 2,359,100	$ 2,376,100	$ 2,440,750	$ 2,508,850	$ 2,567,100	$ 2,644,600	$ 2,692,850

Note:

Cash reserves target is per 6/30/03 policy in Annual Financial Statement

a. Rate stabilization reserve target equals 15 percent of sewer sales

b. The emergency reserve is set at $750,000.

c. The working cash level is set at two months of O&M expenses.

Wastewater Budget Table WWB-6 CIP & Capital Outlay - FY 16/17 - Draft V8

Description	Recorded FY 2013-14	Recorded FY 2014-15	*Budget FY 2015-16*	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
1. Collections Systems	$ 13,011	$ 8,112	*$ 75,000*	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
2. Interceptor System	$ -	$ 1,109	*$ 2,000*	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
3. Lift Station	$ 6,071		*$ 75,000*	$ 35,000	$ 40,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
4. Technology (Sewer Projects Only)	$ -		*$ 5,000*	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
5. Public Safety/Emergency Response	$ -		*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
6. Facilities & Planning	$ -		*$ 20,000*	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
7. Misc. Sewer Projects	$ -		*$ 8,000*	$ 8,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Total CIP Projects	$ 19,082	$ 9,221	*$ 185,000*	$ 145,000	$ 147,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000
Capital Outlay									
Software (Spring Brook) - Fixed Assets	$ -				$ 3,750				
Spring Brook Software - Payroll Module						$ 6,250			
Spring Brook Software - Work Order Module							$ 8,750		
Spring Brook Software - Project Management Module								$ 5,000	
Spring Brook Software - Extend Budget Module									$ 5,000
Upgrade Computer Hardware & Security	$ -		*$ 8,000*	$ 8,000	$ 10,000	$ 10,000	$ 10,000	$ 6,600	$ 6,600
Main Office - Upgrades	$ -		*$ 3,000*	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Misc	$ -	$ 8,593	*$ 1,000*	$ 1,000	$ 3,250	$ 2,750	$ 2,250	$ 2,400	$ 2,400
Equipment Outlay									
Sewer Cover Transmitter	$ -		*$ 5,000*	$ -					
Sewer Vactor Truck					$ 300,000				
Annual Vehicle Replacement (1 vehicle)		$ 24,208	*$ 75,000*	$ 50,388	$ 55,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000
Total CO Projects	$ -	$ 32,801	*$ 92,000*	$ 62,388	$ 375,000	$ 62,000	$ 64,000	$ 57,000	$ 57,000
Total CIP & CO Projects	$ 19,082	$ 42,022	*$ 277,000*	$ 207,388	$ 522,000	$ 172,000	$ 174,000	$ 167,000	$ 167,000

Wastewater Budget Table WWB - 7 Sources and Applications of Funds - FY 16/17 - Draft V8

Budget	Recorded FY 2013-14	Recorded FY 2014-15	*Budget FY 2015-16*	Projected FY 2015-16	Budget FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20	Forecast FY 2020-21
REVENUE									
Projected user charges	$ 3,241,490	$ 3,341,597	*$ 3,364,000*	$ 3,344,600	$ 3,368,000	$ 3,422,000	$ 3,478,000	$ 3,534,000	$ 3,589,000
Total permit/connection fee	$ 38,006	$ 72,500	*$ 29,000*	$ 29,000	$ 36,500	$ 36,500	$ 35,500	$ 29,500	$ 29,000
Interest earnings	$ 207	$ 103	*$ 500*	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
TOTAL REVENUE	$ 3,280,000	$ 3,414,000	*$ 3,394,000*	$ 3,374,000	$ 3,405,000	$ 3,459,000	$ 3,514,000	$ 3,564,000	$ 3,619,000
EXPENSE									
City of LA Sewer Service Charges	$ 951,312	$ 675,013	*$ 1,523,480*	$ 1,362,195	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000	$ 1,243,000
Sewer Labor & Benefits	$ 1,353,204	$ 1,428,649	*$ 1,589,060*	$ 1,465,900	$ 1,580,000	$ 1,562,450	$ 1,590,500	$ 1,615,200	$ 1,646,600
Sewer O & M Expense	$ 425,192	$ 372,639	*$ 534,860*	$ 433,850	$ 409,000	$ 470,000	$ 441,000	$ 520,000	$ 475,000
Sewer CIP & CO Expense	$ 19,082	$ 42,022	*$ 277,000*	$ 207,388	$ 522,000	$ 172,000	$ 174,000	$ 167,000	$ 167,000
Transfer to Water Reserves	$ -	$ -	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSE	$ 2,748,790	$ 2,518,323	*$ 3,924,400*	$ 3,469,333	$ 3,754,000	$ 3,447,450	$ 3,448,500	$ 3,545,200	$ 3,531,600
Additions (reductions) to cash	$ 531,210	$ 895,677	*$ (530,400)*	$ (95,333)	$ (349,000)	$ 11,550	$ 65,500	$ 18,800	$ 87,400
Effective date of Wastewater rates	7/1/13	7/1/14	*7/1/15*	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19	7/1/20
Rate increase	8.4%	4.7%	*0.0%*	0.0%	0.0%	1.5%	1.5%	1.4%	1.4%
User Charge (monthly EDUs)	$ 32.25	$ 33.75	*$ 33.75*	$ 33.75	$ 33.75	$ 34.25	$ 34.75	$ 35.25	$ 35.75
Commercial - Monthly Cost	$ 2.00	$ 2.10	*$ 2.10*	$ 2.10	$ 2.10	$ 2.10	$ 2.10	$ 2.10	$ 2.10
Commercial - $/Unit	$ 5.30	$ 5.60	*$ 5.60*	$ 5.60	$ 5.60	$ 5.70	$ 5.80	$ 5.90	$ 6.00
Secondary School - Quantity Charge per 100 ADA	$ 154.90	$ 162.10	*$ 162.10*	$ 162.10	$ 162.10	$ 164.50	$ 166.90	$ 169.30	$ 171.70
Primary School - Quantity Charge per 100 ADA	$ 77.40	$ 81.00	*$ 81.00*	$ 81.00	$ 81.00	$ 82.20	$ 83.40	$ 84.60	$ 85.80
Customer Revenue EDUs									
FY beginning Wastewater Reserves	$ 3,973,320	$ 4,504,530	*$ 4,823,229*	$ 4,823,229	$ 4,727,896	$ 4,378,896	$ 4,390,446	$ 4,455,946	$ 4,474,746
Additions (reductions)	$ 531,210	$ 895,677	*$ (530,400)*	$ (95,333)	$ (349,000)	$ 11,550	$ 65,500	$ 18,800	$ 87,400
FY ending Wastewater Reserves	$ 4,504,530	$ 5,400,207	*$ 4,292,829*	$ 4,727,896	$ 4,378,896	$ 4,390,446	$ 4,455,946	$ 4,474,746	$ 4,562,146
Reconciliation	$ -	$ (576,978)	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
FY ending Wastewater Reserves	$ 4,504,530	$ 4,823,229	*$ 4,292,829*	$ 4,727,896	$ 4,378,896	$ 4,390,446	$ 4,455,946	$ 4,474,746	$ 4,562,146
TOTAL TARGET WASTERWATER CASH RESERVES	$ 2,342,000	$ 2,152,251	*$ 2,359,100*	$ 2,376,100	$ 2,440,750	$ 2,508,850	$ 2,567,100	$ 2,644,600	$ 2,692,850
Above (below) target	$ 2,162,530	$ 3,247,956	*$ 1,933,729*	$ 2,351,796	$ 1,938,146	$ 1,881,596	$ 1,888,846	$ 1,830,146	$ 1,869,296

Legend

Blue - Recorded Revenues & Expenses

Brown - Previous Year Budget & Projected Revenues & Expenses

Black - Budget Revenues & Expenses

Green - Forcast Revenues & Expenses

The Metropolitan Water District of Southern California
NEWS RELEASE
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June 15, 2016

METROPOLITAN WATER DISTRICT ABLE TO MEET REGION'S WATER SUPPLY DEMANDS, CALLS FOR CONTINUED CONSERVATION AMONG RESIDENTS
Imported water supplier passes state's 'stress-test,' relies on continued conservation amid ongoing drought

The Metropolitan Water District of Southern California today released results of an analysis demonstrating it has sufficient water supplies to meet the demand of its member agencies over the next three years, thanks in large part to successful water conservation by Southland residents.

After the State Water Resources Control Board ended mandatory emergency conservation in May 2016, it asked water agencies to instead demonstrate whether they have sufficient supplies for the next three years, assuming the drought continues. Under the new regulations, if an agency has a shortfall, it must cut water use by that amount through January 2017.

"This so-called 'stress test' asked if we can provide water for our member agencies for the next three years, and our answer is yes," said Metropolitan General Manager Jeffrey Kightlinger. "To provide that assurance, we have invested to diversify our water portfolio with some of the nation's largest conservation programs, more storage, and ongoing efforts to improve reliability of imported water supplies."

While Metropolitan's stress-test results mean it will not be forced into mandatory conservation, long-term conservation remains a key pillar of its water supply reliability plan. By 2040, conservation and recycling will account for one-third of Metropolitan's water portfolio according to its Integrated Water Resources Plan which was updated in January and guides the agency's long-term water management policies.

"Metropolitan is focused on supporting long-term water conservation and moving toward a more sustainable lifestyle," said Brandon Goshi, manager of water policy and strategy. "Rather than look to water rationing as a solution in dry years, we are focused on how to be reliable every year." To that end, Metropolitan has invested nearly $1 billion over the past 25 years to develop drought-resilient local supplies, increase water conservation and reduce per capita water use.

more . . . . .

In April, Metropolitan's board of directors approved an investment of $100 million over the next two years for conservation programs and rebates for permanent water-saving devices. In May, the board declared a Water Supply Alert calling for continued awareness and reinforced conservation throughout the district's 5,200-square-mile service area.

The stress-test is based on a careful analysis of anticipated conditions, taking into account water supply challenges such as the ongoing drought, uncertainty regarding imported water deliveries from Northern California via the Sacramento-San Joaquin Bay Delta, and limitations on the Colorado River.

"We are constantly assessing conditions to ensure we have sufficient supplies," Kightlinger said. "That said, if we have an exceptional drop in supplies, or an unusual spike in demand, we will absolutely turn to our other tools, such as our allocation plan, to ensure that we maintain water reliability."

Water supply wholesalers are required to provide projections on the amount of water they expect to deliver to retailers based on a three-year water supply projection that assumes current supply conditions plus an assumed hydrology based on the 2013, 2014 and 2015 water years, and a total potable water demand based on the supplier's average annual total potable water production for 2013 and 2014. Metropolitan's water supply projections are posted on our website at www.mwdh2o.com/AboutYourWater/Planning/.

Metropolitan's member agencies and other urban water retailers are required to self-certify their water supply using a three-year water supply projection starting with current supply conditions plus an assumed hydrology based on the 2013, 2014 and 2015 water years, and submit that information to the state board by June 22, 2016.

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The Metropolitan Water District of Southern California is a state-established cooperative of 26 cities and water agencies serving nearly 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.

CRESCENTA VALLEY WATER DISTRICT
INVESTMENT PORTFOLIO SUMMARY
June 21, 2016

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	INVESTMENT COST	% OF TOTAL	**MARKET VALUE	MATURITY DATE	DATE CALLABLE	EARNED TO DATE	YIELD TO MATURITY	
GENERAL FUNDS											
GENERAL FUND-SWEEP ACCOUNT	0631-525246		$ 304,746	$ 304,746	1.89%	$ 304,746	none	n/a	$ 494	0.02%	
GREAT PACIFIC SECURITIES	GPC-804452		$ -	$ -	0.00%	$ -	none	n/a	$ 8	0.02%	
BOND DEBT SERVICE FUND	6948-331525		$ 56,966	$ 56,966	0.35%	$ 56,966	none	n/a	$ 130	0.06%	
LOCAL AGENCY INVESTMENT FUND	90-19-007		$ 2,881,273	$ 2,881,273	17.88%	$ 2,881,273	none	n/a	$ 6,598	0.46%	Mar 2016
TRANSFER FROM MTBE RESERVE			$ 2,000,000	$ 2,000,000	12.41%	$ 2,000,000					
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	$ 500,000	$ 502,885	3.12%	$ 500,095	9/21/2017	n/a	$ 3,468	0.71%	
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	$ 500,000	$ 500,000	3.10%	$ 500,000	11/27/2017	n/a	$ 3,886	0.93%	
FEDERAL FARM CREDIT (101) NEW	31331VY26	6/14/2016	$ 1,000,000	$ 1,211,530	7.52%	$ 1,211,530	8/16/2021	n/a	$ -	1.26%	
			$ 7,242,985	**$ 7,457,400**		**$ 7,454,610**			**$ 14,584**		
CONSTRUCTION FUNDS											
COPS RESERVE FUND	108614000		$ 617,247	$ 617,247	3.83%	$ 617,247	none	n/a	$ 121	0.02%	
			$ 617,247	**$ 617,247**		**$ 617,247**			**$ 121**		
MTBE CONTINGENCY FUNDS											
LOCAL AGENCY INVESTMENT FUND	90-19-007		$ 4,000,000	$ 4,000,000	24.82%	$ 4,000,000	none	n/a	$ -	0.46%	Mar 2016
GREAT PACIFIC SECURITIES	GPC-003670		$ 957,403	$ 957,403	5.94%	$ 957,403	none	n/a	$ -	0.02%	
TRANSFER TO WATER RESERVE			$ (2,000,000)	$ (2,000,000)	-12.41%	$ (2,000,000)					
FEDERAL FARM CREDIT (M-47)	31331VWN2	4/20/2016	$ 1,000,000	$ 1,277,750	7.93%	$ 1,277,460	4/13/2026	n/a	$ 1,479	1.33%	
FEDERAL FARM CREDIT (M-48)	3133ED4U3	5/11/2016	$ 500,000	$ 518,915	3.22%	$ 518,915	10/11/2019	n/a	$ -	0.99%	
FEDERAL FARM CREDIT (M-49)	3133EA5N4	5/11/2016	$ 1,250,000	$ 1,260,763	7.82%	$ 1,260,763	10/22/2019	n/a	$ -	0.99%	
US TREASURY (M-52) NEW	912828R77	6/14/2016	$ 1,000,000	$ 1,012,750	6.29%	$ 1,012,750	5/31/2021	n/a	$ -	1.11%	
US TREASURY (M-53) NEW	912828R36	5/18/2016	$ 1,000,000	$ 996,601	6.18%	$ 996,601	6/30/2021	n/a	$ -	1.07%	
			$ 7,707,403	**$ 8,024,181**		**$ 8,023,891**			**$ 1,479**		
TOTAL INVESTMENTS			$ 15,567,635	$ 16,098,829		$ 16,095,749			$ 16,185		
CASH- PAYROLL ACCOUNT	0948-024724		$ 14,669	$ 14,669	0.09%	$ 14,669					
TOTAL CASH AND INVESTMENTS			**$ 15,582,304**	**$ 16,113,497**	**100%**	**$ 16,110,417**			**$ 16,185**	**0.63%**	
						$ (3,080)	***Unrealized Gain/(Loss) on Investments				

Yield on investments including LAIF but not cash accounts	0.93%
Yield on investments not including LAIF or cash accounts	1.05%

I certify that this report accurately reflects all pooled investments and is in compliance with California Government Code Sections 5922 & 53601 as amended on 1/1/97; are currently in conformity with the investment policy as stated in Resolution No. 728 adopted on December 8, 2015.
As Treasurer of the Crescenta Valley Water District, I, Ron L. Mitchell hereby certify that sufficient investment liquidity and anticipated revenues are available to meet one year of estimated expenditures for the operations of Crescenta Valley Water District.

*Value at investment maturity date.

***Reported in compliance with GASB Standard No. 31, effective July 1, 1997, the "fair value" adjustment necessary between cost and market value.

As of April 30, 2016	
Water	$ 11,775,047.18
Wastewater	$ 4,696,963.14
Total Funds	$ 16,472,010.32

June 21, 2016

Ron L. Mitchell, Secretary-Treasurer, CVWD **Date**

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

June 21, 2016
Staff Report

To: Honorable President and Members of the Board of Directors

From: David S. Gould. P.E. – District Engineer

Subject: **District Engineer – Staff Report**

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1. Water Production Report

- May 1 – 31 – Water Production – 56%/ 44% split – 100.6 MG for the time period.
  Average use – 6.5% more than 2015 and 26.5% less than 5-yr average
  SWRCB Conservation – 25.0% less than March 2013 – October 2013 period
- June 1 – 19 – Water production – 59%/ 41% split – 67.1 MG for the time period.
  Average use – 5.0% more than 2015 and 19.9% less than 5-yr average
  SWRCB Conservation – 25.0% less than March 2013 – October 2013 period.

2. Rainfall Update

- 0.10” for June 2016
- Rainfall total for Rainfall Year 2015/16 – 13.34"

3. Report on Engineering

- **CIP Projects**
  - Ocean View Chloramination Project
    - Electrical & Treatment System – Waiting on Equipment
    - Testing – Preliminary set for early July
    - Piping complete at Ordunio for connection to LADWP
  - Pipeline Projects
    - 3900 Block of Park Place – Complete
    - 2700 Block of Harmony – Complete
    - 2800 Block of Prospect (By La Crescenta Elem. School)
      - Work started on June 6, 2016
      - Completed by July 1, 2016
    - 3700 Block of Glenwood – Work to start on July 5, 2016
  - Pickens Canyon Slope Repair
    - No Report
  - Wall at Ordunio Reservoir
    - Bid Results in on June 15, 2016
- **Well 16**
  - Finalizing invoicing procedure and credit for Grant reimbursement with GWP
- **Water and Wastewater Cost of Service Study**
  - Finalizing Draft Cost of Service Study
- **Nitrate Removal Treatment Facility at Well 2 Project**
  - 50% technical memorandum by July 5, 2016
- **Crescenta Valley County Park Stormwater Recharge Facility Study**
  - Presentation available on CVWD website
  - Report due by June 30, 2016

- **ULARA**
  - Next Administrative Committee meeting – July 20, 2016
- **Water Meter Replacement Program**

Summary of Water Meter Replacement Program From July 2012 to May 2016					
Meter Size	**No. of Meters Replaced - FY 15/16**	**Total No. of Meters Replaced**	**Total No. of Meters Remaining**	**Total No. of Meters**	**Percent Complete**
3/4"	843	4,007	2,965	6,972	57%
1"	32	231	592	823	28%
1-1/2"	3	16	131	147	11%
2"	0	23	35	65	35%
3"	0	16	13	29	55%
4"	0	1	1	2	50%
Total	**878**	**4,294**	**3,737**	**8,038**	**53%**

4. Report on Administrative and Field Operations

- **Wells - Status**
  - Well production capacity averaging 2.2 MGD for this time period.

5. Field Maintenance & Operations – June 6 – June 17, 2016

- **Water Lateral Leaks & Repairs**
  - 2929 Henrietta
  - 5874 Freeman
  - 2506 Community
  - Year End Inventory
- **Fire Hydrant Repair**
  - No Report
- **Developer Job**
  - No Report
- **Water Main Leaks**
  - No Report
- **Booster Pump Maintenance**
  - Paschall Booster 17, back in service on June 3, 2016
- **Reservoir Maintenance**
  - No Report
- **Sewer Maintenance**
  - 2500 Block of Whittier
  - 5400-5500 Block of Goss Canyon
  - 2300 Block of Shields
  - Interceptor Inspection
  - 5400 Block of Briggs
  - 2400 Block of Rockdell
  - 2300 Block of Utley & Janet Lee
  - Diverter Valve Timing Adjustment

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

June 1 - June 19, 2016

Well Production:	30,263,974	Gals		
GWP Production:	8,699,097	Gals		
Gravity Production:	809,000	Gals	% GW	59%
Purchased Water:				
FMWD:	27,354,251	Gals		
City of Glendale:	0	Gals	% Import	41%
TOTAL:	67,126,322	Gals		
	205.99	ac-ft		
Glenwood Nitrate Water Reclamation Plant:*	19,190,254	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Percentage Change
June 1, 2016 - June 19, 2016	3,532,964			
June 1, 2015 - June 19, 2015	3,364,295	5.0%		
5-yr Average - June 2011 - 2015	4,409,623	-19.9%		
SWRCB CONSERVATION REGULATIONS March 1, 2016 through Oct 31, 2016			3,071,096	
BASELINE CONSERVATION March 1, 2013 through Oct 31, 2013			4,093,861	-25.0%

RAINFALL: June 1 - June 19, 2016 0.10"

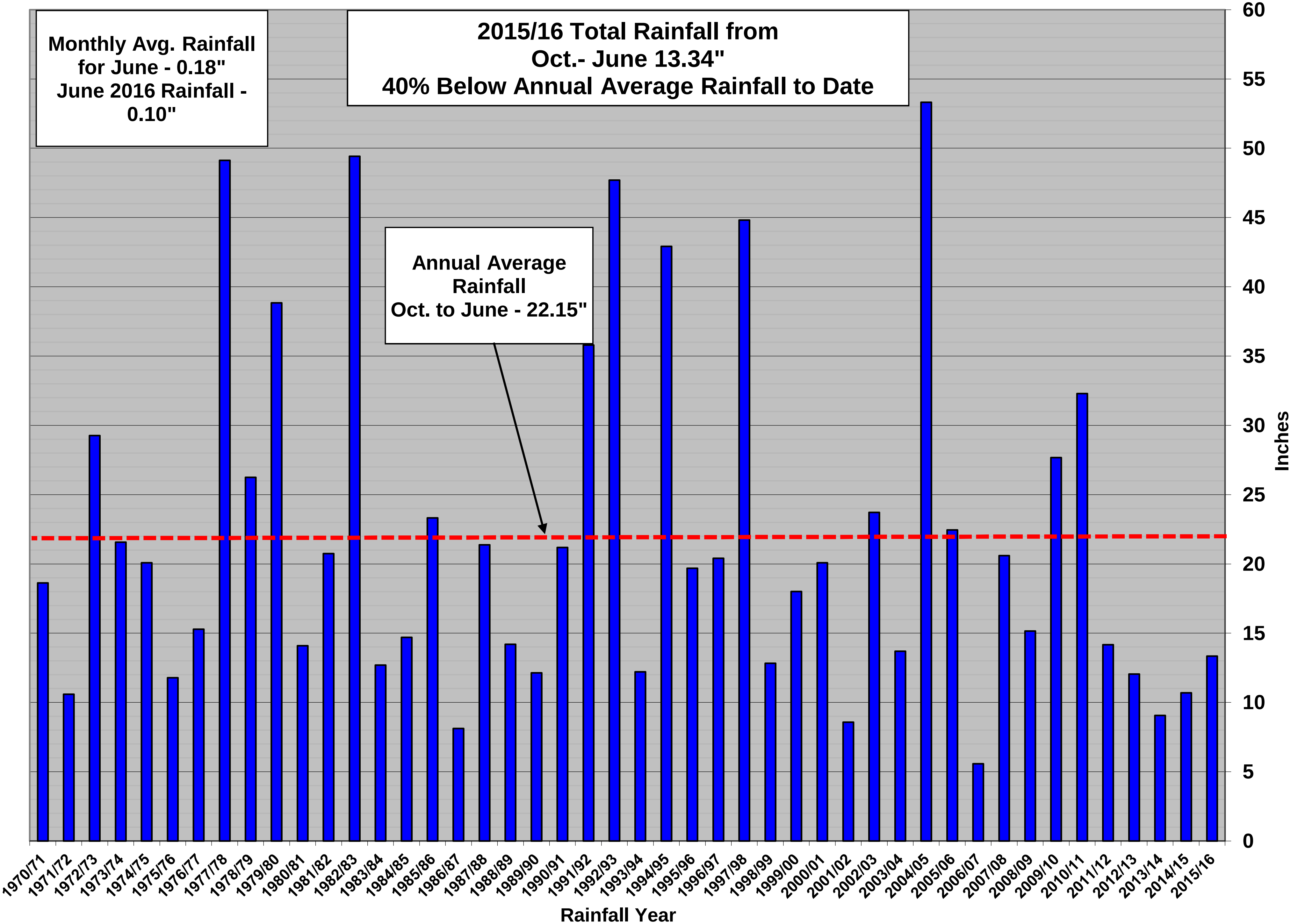
Season-To-Date: 13.34"

2015/16 Fiscal Year Water Production			Groundwater Production Water Rights		GWP (Well 16) Water Production		Purchased Water Production Tier 2 Allocation	
Month	**Actual Total Water Production (ac-ft)**	**Projected Total Water Production (ac-ft)**	**Month**	**Month**	**Month**	**Well Production (ac-ft)**	**Month**	**Imported Water Production (ac-ft)**
July	**315**	**380**	**October**	**146**	**January**	**0**	**January**	**109**
August	**344**	**360**	**November**	**149**	**February**	**0**	**February**	**100**
September	**296**	**345**	**December**	**139**	**March**	**30**	**March**	**78**
October	**304**	**315**	**January**	**140**	**April**	**50**	**April**	**84**
November	**289**	**265**	**February**	**158**	**May**	**47**	**May**	**134**
December	**269**	**265**	**March**	**142**	**June**	**42**	**June**	**133**
January	**248**	**265**	**April**	**150**	**July**		**July**	
February	**258**	**265**	**May**	**127**	**August**		**August**	
March	**249**	**310**	**June**	**151**	**September**		**September**	
April	**284**	**335**	**July**		**October**		**October**	
May	**309**	**365**	**August**		**November**		**November**	
June	**326**	**375**	**September**		**December**		**December**	
Total to Date	3,491	3,845	Total to Date	1,302	Total to Date	169	Total to Date	638
Projected	3,491	3,845	Water Rights	3,294			Tier 2	2,154
% of Projected	90.8%	100.0%	% of Rights	40%			% of Allocation	30%
Remaining	354	0	Remaining	1,992			Remaining	1,516

NOTE:

1) Blue Numbers = Estimated Water Production

Monthly Rainfall - 1970/71 - 2015/16 (Oct.- June)



Revised Date: 6/17/2016