CRESCENTA VALLEY WATER DISTRICT

2700 Foothill Boulevard
La Crescenta, California

Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, March 3, 2015 at 7:00 p.m.

Posted: February 27, 2015 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

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 the Minutes of the Adjourned Regular Meeting on February 17, 2015.
2. Consideration and approval of the Minutes of the Special Meeting on February 24, 2015.

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. **Request to Move a Meter Box –** Consideration and motion regarding a request from Young Song to move the meter serving his neighbor's property to another location.
2. **Update on Water Quality Event –** Update regarding several complaints received about colored water.
3. **FY 2015/16 Water and Wastewater Budgets** - Discussion regarding estimates for water production and sales for the next fiscal year.

Information Items

Written Communications to District

Staff Reports

Secretary-Treasurer

1. Cash and Investments

General Manager

1. Administrative Report.

District Engineer

1. Water Production Report –February 27, 2015.
2. Report on Administrative and Field Operations.

Program Specialist

1. Report of Water Conservation issues.

Information Technology

1. Report of Information Technology issues.

Attorney

1. Report on legal and related matters relevant to the District.

Reports of Committees

Engineering Committee

1. Consideration of engineering issues affecting the District.

Finance Committee

1. Report of Finance Committee meeting held on February 26, 2015.

Employee Relations Committee

1. Report of Employee Relations Committee meeting held on February 24, 2015.

Policy Committee

1. Consideration of policy issues affecting the District.

Community Relations/Water Conservation Committee

1. Consideration of community/water conservation issues affecting the District.

Emergency Planning Committee

1. Consideration of emergency planning issues affecting the District.

Director's Oral Reports

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

Closed Session

- **Public Employee Appointment (§54957)**
  - Title: General Manager
- **Conference with Legal Counsel**
  - Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Section 54956.9: One case.

Board Members' Request for Future Agenda Items

Adjournment

CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
February 17, 2015

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of February 3, 2015, an Adjourned Regular Meeting was held on February 17, 2015, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kenneth R. Putnam 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:	**Dennis Erdman**
Secretary-Treasurer:	**Ron L. Mitchell**
District Engineer:	**David S. Gould**
Others Present:	**Mark Hass, IT Manager** **Christy Scott, Regulatory & Public Affairs Mgr.** **Wendy Holloway, Customer Accounts Supervisor** **Larry Byers, Superintendent** **Dennis Maxwell, Maintenance Supervisor**

PLEDGE OF ALLEGIANCE
President Putnam opened the meeting by leading the Board and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote that the Agenda for the Adjourned Regular Meeting of February 17, 2015 be adopted as presented.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Erdman reported that FMWD will meet on February 19, 2015 and that Director Ross will present a report at the CVWD Board Meeting on March 3, 2015.

CONSENT CALENDAR

It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on February 3, 2015, approve the Minutes of the Special Meeting held on February 10, 2015, Ratification of Disbursements for January 2015, authorize attendance for Director Bodnar at the ACWA Legislative Symposium held March 4, 2015, and authorize attendance at the ACWA Spring Conference held on May 4-8, 2015

Payment of demands against the Crescenta Valley Water District on or before January 31, 2015 the same having been approved by the General Manager, Dennis A. Erdman, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of Seven Hundred Eight Seven Thousand Two Hundred Twenty Dollars and One cent (787,220.01), which is composed of the individual items set forth herein.

ACTION CALENDAR

Resolution NO, 724 – Mr. Mitchell reported that the District received notice that Mr. Paul E. Dorey is requesting the Board of Directors to concur his nomination to the ACWA/JPIA Executive Committee. After discussion, the Board declined to concur the nomination due to the Board adopting Resolution No. 723 concurring the nomination for Dennis Erdman previously.

Accelerate the Project Schedule for the installation of CVWD's Well 16 and Related Facilities, Project No. E-940– Mr. Gould reported that the District entered into a professional service agreement with Cannon Corporation in November 2014 to provide engineering services for the construction of the Well 16 facility and piping. At the Board Meeting on February 3, 2015, the Directors requested staff to research the possibility of accelerating the project schedule so that Well 16 could be in service by the summer. The Engineering Committee met of February 6, 2015 and discussed the acceleration for Well 16. Staff provided the current schedule for Well 16, which shows it being in service by December 2015, and they provided an accelerated schedule that shows it being in service by August 2015. Staff discussed these issues with Cannon and requested a proposal for the additional work. Cannon's proposal requested an additional $14,480 to complete the project. With the previously approved contingency of 10% or $9,400, the additional request would be for $5,080. It is staff's recommendation to proceed with the accelerated project schedule and to authorize approval for additional consulting services to Cannon for $5,080 to complete the Well 16 project by August 2015.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to authorize the General Manager to amend the professional services agreement with Cannon Corporation to provide additional services to accelerate the project schedule for additional services to accelerate the project schedule for CVWD's Well 16 and related facilities for an additional cost of up to $10,000.

Crescenta Valley Town Council – Director Claessens reported at the Community Relations meeting held on February 9, 2015, Ms. Battles, the current Town Council President, has extended an invitation to CVWD for a permanent spot on the agenda for the monthly Town Council Meetings that are held the third Thursday of each month at 7:00 pm. Ms. Battles has indicated that CVWD would be placed at the beginning of the agenda with the first responders for each meeting. This would give CVWD more community outreach to give information to the community regarding the drought, rate settings, and other information from the District. Director Claessens has volunteered to be the spokesperson unless another Director is designated.

Policy Regarding Press Releases – Ms. Scott reported the Policy Committee met on February 6, 2015 to discuss a press release policy following questions from the Board of Directors at the Board Meeting on February 4, 2015. A draft policy was written stating the press releases will be issued by the General Manager or a designated District representative. In all cases, the General Manager shall approve all press releases prior to issuance to the media. Press releases will be provided to all Directors and Legal Counsel by electronic methods at least 24 hours prior to the press release being publicly issued, except in emergency situations. The press releases shall also be included in the Directors board package at the first Board meeting following the press release issuance and posted on the District's website. Following discussion, the Board of Directors recommended not having a formal written policy.

INFORMATION ITEMS – Glendale Newspress: Drilling starts on monitor wells at Crescenta Valley Park. CV Weekly: Monitoring Wells to be installed at Crescenta Valley Park. Copies of notices sent to customer regarding projects being done in their area. Flyers regarding upcoming Smart Gardening Workshops and Rainwater Harvesting.

WRITTEN COMMUNICATIONS TO DISTRICT – Invitation to the Glendale Mayor's Prayer Breakfast with Peter Arbogast as the keynote speaker.

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 February 17, 2015:

Cash Accounts	($685,549)
Great Pacific Securities	$1,384,640
Bond Debt Service Fund Acct	$314,413
Local Agency Investment Fund	$1,745,325
Federal Farm Credit (78)	$490,925
Federal Farm Credit (81)	$992,200
Federal Farm Credit (83)	$502,005
Federal Farm Credit (86)	$971,410
Federal Farm Credit (87)	$496,775
Federal Farm Credit (96)	$1,001,790
Federal Farm Credit (97) NEW	$1,245,289

MTBE Contingency Funds

Local Agency Investment Fund	$2,694,779
Great Pacific Securities	$5,461,891
Federal Farm Credit (M-35) NEW	$849,960
US Treasury NEW	$989,106

Fund Balances at October 31, 2014

Water	$5,150,872.10
Wastewater	$14,047,327.09

Mr. Mitchell also reported that he will not be attending the next meeting on March 3, 2015.

GENERAL MANAGER – Mr. Erdman reported that the District has gone 258 days without a lost time accident. He also said that he will be attending a Northern California Water Tour on February 20 & 21, 2015. This is a MWD sponsored tour through the Municipal Water District of Orange County.

DISTRICT ENGINEER

Water Production – For the period of February 1 through February 15, 2015, water production averaged 48.9 million gallons per day, which is **2.8% less** than the daily average production of the same period in 2013. This is **1.1% less** from the daily average production of the previous five years.

Rainfall: February 2015	**0.05”**
Season-to-date:	**7.75”**

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

Rainfall Update – 0.05” for February 2015. Rainfall total for 2014-15 is at 7.75”.

Report on Engineering:

CIP Projects – Well Rehabilitation, E-934 – Well 11, waiting on lab results. Ocean View Chlorination Project – Building – Advertising for Bids. Equipment – Under design. Oak Creek MCC – Construction to start March 2015. MCC to be delivered by middle of July 2015. Pipeline Replacement – 8-inch water main – Shutdown on February 18, 2015. Sewer Relining Project – Final Segment on Upper Terrace – February 19, 2015.

Crescenta Valley County Park -Local Groundwater Assistance Grant – Monitoring Wells – MW-1 – 60 feet to Bedrock. MW-2 – Starting on February 17, 2015.

Well 16 – Prop. 84 – Drought Relief Grant – Design – Met with Glendale Planning. Exempt from Design Review. Preparing RFQ’s for MCC, Pre-Fab Building & Pump & Motor Assembly. Waiting on agreement with LAFCD.

Ocean View Overflow/Drain Line – Design – Setting up meeting LCF to review proposal for hydrology & hydraulics study.

FMWD Issues – Shutdown - February 17 – 19, 2015.

ULARA – Salt & Nutrient Plan Meeting – February 11, 2015.

La Canada Flintridge – Water Committee – Sub-committee – Joint Projects/Capital Improvements work Group – met on February 13, 2015.

As Needed Consulting Services – DMc Engineering – Water Service Laterals – Finalizing Agreement. SA Associates – Recycled Water Feasibility Study – Finalizing Agreement. GEI Consulting – Surge Tank – Finalizing Proposal.

Water Meter Replacement Program: FY 14/15 Water Meter Replacement Program – replaced 511 meters to date. Staff reviewing alternative to accelerate meter replacement.

Report on Administrative and Field Operations:

Well Status – Well production capacity remained steady at 2.4 MGD. Installing Flow Control Valve at Well 9 in March 2015.

Booster Pumps – No Report.

Water Quality – No Report.

Reservoirs/Booster Stations – No Report.

Field Maintenance and Operations update for February 1 – February 13, 2015

Water lateral leaks & repairs

- 3705 Glenwood
- 2533 Orange
- 4803 Pennsylvania
- 2802 Harmony
- 2637 Hermosa

Water Main Leaks – No Report

Fire Hydrant Replacement – No Report.

Sewer Maintenance – Raised Manhole to grade at 2300 Block of Utley. 2900 Blocks of Highridge & Markridge. 5200 Block of Ramsdell. 3100 Block Markridge. 5200 Block of Cortolane. Sewer bypass training at Broadview & Las Palmas with Glendale.

Mr. Gould also reported on the monitoring wells being drilled in Crescenta Valley Park. The first well hit bedrock at 60 feet below ground surface. He reported on the work the Upper Los Angeles River Area Watermaster has done on Salt and Nutrient Management Planning.

PROGRAM SPECIALIST – Ms. Scott reported that there will be some upcoming water conservation classes. The turf rebate program is still moving along and calls are still coming in at 4 or 5 a day. Ms. Scott has submitted $26,000 of invoices to FMWD for rebates, and there are still 87 outstanding applications.

INFORMATION TECHNOLOGY – Mr. Hass reported that there are two scheduled power outages this week on Thursday and Friday nights from 9:00 p.m. to 6:00 a.m. The generator will automatically turn on when the power goes out and that will prevent the servers from going off. There is also a scheduled online billing outage on Wednesday night from 6:00 p.m. to 11:00 p.m.

ATTORNEY – Mr. Bunn reported on legislation past and future. A bill that was passed last year requires districts to put on their websites staff compensation information that is reported to the State Controller, or a link to the State Controllers website. On two other bills from last session, one amends the Urban Water Management Plan requirements to quantify and report distribution system water loss. The other one is for the Integrated Regional Water Management Plan which now requires any plan to consider the impacts on drinking water of nitrates, arsenic, perchloride, hexavalent, chromium and describe the areas impacted by the contamination to communities within the regions and address the impacts. In the current sessions, the UWMP bill changes the reporting deadline to years ending in 01 and 06. AB1 will prohibit City/County from fining you for allowing lawns to go brown during water restrictions. Another bill revises the Form 700 to increase the limits on gifts and income before you are affected by decisions being made as a board member. The last bill requires Department of Housing and Community Development to set standards for sub-metering multifamily dwellings.

REPORTS OF COMMITTEES

Engineering Committee – Mr. Gould reported that the Committee met on February 6, 2015 and reviewed Well 16 Rockhaven Project, Ocean View Chlorination Station Project, Crescenta Valley County Park Stormwater Feasibility Study, Ocean View Reservoir Overflow/Drain Pipe Project, and Oak Creek MCC Replacement Project.

Finance Committee – Director Bodnar reported that the Committee will meet on February 26, 2015 at 4:30 p.m.

Employee Relations Committee – Director Erickson reported that the Committee did not meet and scheduled a meeting on February 24, 2015 at 1:30 p.m.

Policy Committee – Director Tejeda reported that the Committee met on February 6, 2015 and discussed Large Lots, Press Release Policy, District Spokesperson and District Transparency.

Community Relations/Water Conservation Committee – Director Claessens reported that the Committee met on February 9, 2015 and discussed Public Outreach and Press Release Policy.

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

DIRECTORS ORAL REPORTS

Director Claessens – No Report

Director Erickson reported that the Los Angeles Times mentioned the County is increasing the penalty by 5 times for overwatering or other watering violations. Also his neighbor had a problem with his sewer line due to a crack in the clay pipe and tree roots and the cost was very high to repair.

Director Putnam reported on an article in the LA Times regarding the old water mains and the billion dollar program in the next 10 years to improve the water mains.

Director Tejeda – No Report

Director Bodnar reported that he listened to the MWD Water Planning Committee on February 9^{th} and two items that are important for the Directors to know about is the modification of the turf removal on commercial properties versus residential properties, and a report on the water supply drought management plan and how it relates to the allocations that MWD is considering action as early as April.

CLOSED SESSION – No reportable action.

ADJOURNMENT

There being no other business to come before the Board at 9:15 p.m., it was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote that the meeting be adjourned to March 3, 2015 at 7:00 p.m.

APPROVED

Kenneth R. Putnam	Ron L. Mitchell
President	Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT

SPECIAL MEETING, BOARD OF DIRECTORS

February 24, 2015

Pursuant to the order of the Board of Directors, a Special Meeting was held on February 24, 2015, at 4:30 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kenneth R. Putnam 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 III**
General Manager:	
Secretary-Treasurer:	
District Engineer:	
Others Present:	**None**

CLOSED SESSION

The Board met in Closed Session with no reportable action.

ADJOURNMENT

There being no other business to come before the Board, at 5:39 p.m. the meeting was adjourned.

APPROVED:

Kenneth R. Putnam **President**	Ron L. Mitchell **Secretary-Treasurer**

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
March 3, 2015

To: Honorable President and Members of the Board of Directors

From: Dennis A. Erdman – General Manager

Subject: **Request to Move a Meter Box**

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1. **Request to Move a Meter Box** – Consideration and motion regarding a request from Young Song to move the meter serving his neighbor's property to another location.

BACKGROUND

CVWD customer Young Song lives at 2658 Piedmont Avenue in Montrose. Mrs. Song has requested that the District move a meter box which is in the parkway in front of her home. She has a flower garden in this parkway and the meter box is for the meter which supplies the adjoining property to the left side of her lot. This meter box was not located in its present position until the City of Glendale did street improvements on Piedmont some years ago. When the meter box was relocated to the parkway between the homes, she raised objections and asked for it to be moved. CVWD staff reviewed the situation and found that the meter box is appropriately located in the public right of way and behind the curb. Mrs. Song dropped the matter as she was working and did not have time to devote to getting a resolution to this annoyance. Mrs. Song is now retired and has made this request to staff on numerous occasions. Staff has consistently informed Mrs. Song that the meter box is not on her property and that it is in an appropriate location, even though it is not the meter box serving her property. This information was conveyed to her in Korean by a previous employee, but she did not want to accept the explanation. The property served by the meter is a rental unit and the owner of the property lives in Tujunga. Mrs. Song is not fluent in speaking English and it appears that there may be issues in properly communicating the issues and facts concerning how and why the District has determined that the relocation requested by Mrs. Song has not been performed. Staff has recommended that Mrs. Song bring a family member with her to the Board meeting to help with this communication. CVWD customer service members have dealt with Mrs. Song on numerous occasions over the past years and more recently over the past weeks and have been very patient and courteous to her. Mrs. Song wants to deal with the highest authority on this matter to make her request for the meter box relocation, which is why it is now being raised to the Board of Directors.

DISCUSSION

It is possible to relocate the meter box and remove the one that is in the parkway between the homes. However, it would mean relocating the house lateral and the service lateral for the adjoining property. CVWD does not normally get involved with plumbing on the customer's side of the meter box. Please refer to the photos of the present condition to see the extent of relocation needed to satisfy Mrs. Song's request. If it is the desire of the Board to honor this request, the District would need to contact the owner of the adjoining property and make arrangements to perform the house service line relocation as well as relocate the CVWD service lateral. Staff can provide an estimate of these costs if that is the desire of the Board. Staff has included photos of the site and a plot plan of Piedmont Ave. with lot locations.

RECOMMENDATION

Staff seeks Board direction in this matter.

Prepared & Submitted by:

Dennis Erdman
General Manager

g:\management\board meeting staff reports\2015\03-03-15 board memo - Request to move meter box.docx

Young Song
2658 Piedmont
Montrose, CA 91020

February 12, 2015

Board of Directors
Crescenta Valley Water District
2700 Foothill Boulevard
La Crescenta, CA 91214

RE: Request to move a meter box

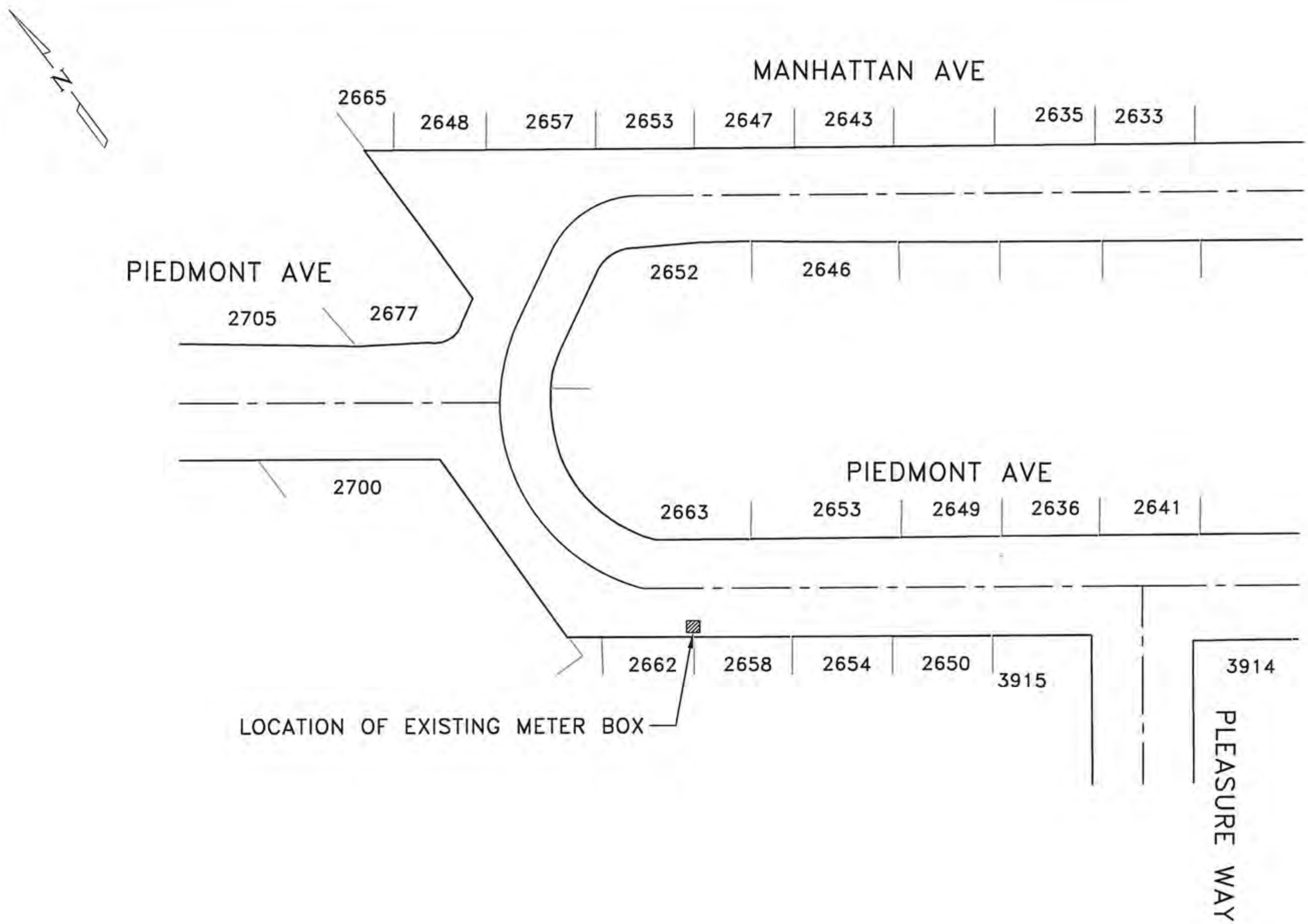
Dear Members of the Board,

I am writing to request that CVWD move a meter box that is in the parkway in front of my home located at 2658 Piedmont. The meter serves the home next to me which is a rental property. This meter box is in my flower garden and I want it moved out of the garden. I have spoken with the staff of the District on many occasions and I am now writing to you to ask for this meter box to be moved.

Sincerely,

Young Song

Young Song



CRESCENTA VALLEY WATER DISTRICT

SCALE: N.T.S.	SITE LOCATION MAP	DATE: 02/26/15	
DR. BY: P. HILKE	2658 PIEDMONT AVENUE	JOB NO.	FILE NO.
APP'VD.	GLENDALE, CA		





2658

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
March 3rd, 2015

To: Honorable President and Members of the Board of Directors

From: Christy J. Scott – Program Specialist

Subject: **Update on Water Quality Event**

Discussion Item:

1. **During the week of February 22nd 2015, the District received several color complaints regarding the District's water.**

BACKGROUND:

Crescenta Valley Water District (CVWD) began receiving water quality complaints Sunday evening February 22nd. The first complaint received was from 2601 Altura. The customer was concerned because when the tub was filling there was a greenish tint to the water. The color could not be detected when just a glass of water was filled.

Over the next 3 days, February 23rd – February 25th, the District received a total of 13 calls in regards to the color of the water. All of the calls had a commonality of color when filling the tub or in the toilet. All of the calls were located in Zone 1 and Zone 2 (see map). All of the water parameters tested in the field at the locations listed in attachment 2, including turbidity, color, odor, temperature, Total and Free Chlorine, and pH, were within State and Federal guidelines or operational standards.

Things to note from the field analysis:

1. The residual chlorine level was the normal amount seen in the distribution system, slightly less than 1 ppm. This would negate biological concerns.

2. The pH levels were all about 8.0 which would negate corrosive water which may cause leaching of copper from copper piping. (The most typical reason for a green tint in drinking water is copper).

The Investigation: Monday morning, February 23rd, following three additional calls of the same nature, the District launched an in-depth investigation into the issues.

1. Visual inspections were made from the distributing reservoirs (Ocean View and Encinal). (This was done several times a day and is still being done as of the date of this report.)
2. Jar tests and chorine residuals were collected from reservoirs and sample taps to ensure proper chlorination levels and look for any color.
3. Samples were collected from Ocean View Reservoir as a visual inspection noted a slight tinge of color in the reservoir which could not be detected in the sample collection jar.
4. Operational changes were made to change the water distribution flow and blend or dilute the water coming from the two lower reservoirs, Ocean View and Encinal.
5. Calls were placed to FMWD and Glendale to discuss operational changes which might have contributed to the issue.
6. A conference call with MWD Water Quality personnel Edgar G. Dymally, Dr. Mic Stewart, and Tae Yun was made to review the facts and seek advice on any other possible solutions or testing which could be done. Unfortunately, no further suggestions were gained; however, MWD did offer to test the water for algae at the La Verne laboratory. But as a

sample was already sent out for that testing, the District did not send a sample to the La Verne Laboratory.

7. A call was placed to the State Water Resources Control Board informing them of the problem and the action plan. The State Board was satisfied with the verbal information and will receive a written report with the monthly water quality report submittal on March 10^{th}.
8. Every customer who called in with a complaint received a visit from staff, in most cases one of the operators, a follow-up call with their field testing results, and a second follow-up call late Wednesday to address any additional concerns they might have. All customers, except one, were pleased with the response and felt confident in the water being delivered. One customer was concerned of high nitrate levels which were indicated on the testing kit she had purchased. A follow-up call has been scheduled for Friday, February 26^{th}, which is subsequent to this report.

Items to consider:

Several operational conditions were occurring during this period of time. Any one or a combination thereof could have contributed to the color issue:

1. FMWD had a shutdown the previous week. The District began refilling the reservoirs on Friday evening.
2. During the shutdown, the District purchased water through the Glendale Interconnection, which for the first time was chloraminated and not free chlorine disinfection. This means breakpoint chlorination took place.
3. On Sunday afternoon, Well 11 was placed back into service following a month long outage.

DISCUSSION:

At the time of this report, the first part of the routine distribution coliform and well testing is complete with no reportable detections. The sample from Ocean View reservoir which was completed using an ICPMS scan had no abnormal reportable detections for metals and was in the normal range for cations and anions. The preliminary scan for algae showed no detection, further results may be available on Tuesday, March 3^{rd}. At the time of this report, the operations staff is continuing to monitor the two zones affected and no further complaints have been received.

Prepared by:

C. Scott

Christy Scott

Submitted by:

Dennis Erdman

Dennis Erdman
General Manager

Attachment:

1. Map of locations
2. List of Locations

Utility Billing

Service Requests Report by Request Date

Request Status: Active, Closed
Request Dates: From: 02/01/2015 To: 02/27
Service Dates: From: 02/01/2015 To: 02/27

	Request No	Cust No.	Name	Code	Requested			Request Summary
1	000244-02-2015			WTR QL	2/22/2015	0.00	2/22/2015	Water Quality Report- customer called last night and reported greenish water in tub. Dave Spain is aware and will be going out there today.
	Service Address:	2601 ALTURA			Service Description:	Turb 0.63, C=1, O=1, Taste Norm, Tem 66, Cl T=0.7, F=0.6, Ph 8.0, 2/23/15 all within Norm, Morgen CJS spoke with customer, still slightly green but better		
2	000243-02-2015			WTR QL	02/23/2015	0.00	02/23/2015	Water Quality Report- customer reports water is greenish brown, from kitchen and bathroom faucets - since last night, she did call emergency # and was told that someone else reported also NO WATER SOFTENER
	Service Address:	2653 PIEDMONT			Service Description:	Turb 0.66, C=1, O-1, Taste=Norm, Temp 66, CL T=1.0, F=0.9, Ph=8.1, 2/23/15 all within Norm, Dave Spain CJS LVM 2/25		
3	000245-02-2015			WTR QL	02/23/2015	0.00	02/23/2015	Water Quality Report- reports off-color water coming from kitchen, both bathrooms yellow with cloudiness UNITS -
	Service Address:	2812-18 HERMOSA			Service Description:	CALL 818-472-8259, Manager, MIKE, after three PM Turb=0.77, C=1, O=1, Taste Norm, Temp 66, CL T=1.0, F= 0.9, Ph = 7.9, 2/23/15 All within norm, Dave Spain CJS spoke with Mike 2/25, still slightly green but better		
4	000247-02-2015			WTR QL	02/23/2015	0.00	02/23/2015	Water Quality Report- customer reports yellow water Elisa 626-221-7615 UNITS!!!!
	Service Address:	2547-49 MANHATTAN			Service Description:	Turb=1.34, C-1, O=1, Taste Norm, Temp 66, CL T=1.0, F=0.9, Ph 7.9, 2/23/15 all within norm, Dave Spain CJS spoke w/Barbara, NO3=22.4		
5	000248-02-2015			WTR QL	02/23/2015	0.00	02/23/2015	Water Quality Report- rusty color with rotten egg smell
	Service Address:	3115 MONTROSE			Service Description:	Turb 0.44, C=1, O=1, Taste Normal, Temp 66, CL T=0.8, F=0.6, Ph 7.9, 2/23/15 within norm, Dave Spain CJS LVM		
6	000254-02-2015			WTR QL	02/24/2015	0.00	02/24/2015	Water Quality Report - Cust: Teri McCorty #323-313-6486, water is off color and she is concerned.
	Service Address:	2335 FLORENCITA			Service Description:	Turb 0.49, C=1, O=1, Taste Norm, Temp 66, CL T=0.7, F=0.6, Ph= 8.0, 2/24/15 All within Norm Dave Spain Nitrates 22.4 per CJS, spoke w/Teri		

	Request No	Cust No.	Name	Code		Requested			Request Summary
7	000256-02-2015			WTR QL		02/24/2015	0.00	02/24/2015	Water Quality Report- Customer Julie C at 626-590-5331, Water is brown and customer syas that she tested with a pool kit and thinks it is high in nitrates
	Service Address:	3907 OCEAN VIEW				Service Description:	2309 Florencita nitrate issue, sampled at 22.4 mg/l CJS spoke with customer		
8	000259-02-2015			WTR QL		02/24/2015	0.00	02/24/2015	Water Quality Report - cust: Karen Nelson 818-248-4063, green tint to water started yesterday
	Service Address:	2908 PIEDMONT				Service Description:	Nitrate Issue, sampled at 22.4, CJS spoke with customer		
9	000260-02-2015			WTR QL		02/24/2015	0.00	02/24/2015	Water Quality Report - Cust: Eric (Bldg Engineer) Triple A Bldg 949-940-6287. Debris in water
	Service Address:	2112 MONTROSE				Service Description:	Turb 0.43, C=1, O=1, Taste Norm, Temp 66, CL T=0.6 F=0.5, Ph 7.8 2/24/15 All within Norm Dave Spain CJS spoke with Eric.		
10	000269-02-2015			WTR QL		02/25/2015	0.00	02/25/2015	Water Quality Report - customer calling to say this is the third day with brown water
	Service Address:	2917 OAKENDALE				Service Description:	CJS left message for customer		
11	000270-02-2015			WTR QL		02/25/2015	0.00	02/25/2015	Water Quality Report - Richard Calderon - water is yellow color
	Service Address:	2244 MIRA VISTA				Service Description:	Christy spoke with customer. Informed him of issues. Followed up with customer twice, no further complaints		
12	000278-02-2015			WTR QL		02/25/2015	0.00	02/25/2015	Water Quality Report- customer reports green tinge to toilet water and bathroom faucet. It was there a few days ago, still there but better.
	Service Address:	2014-16 MONTROSE				Service Description:	CJS is speaking with the owner. samples taken for lab. very slight green		
13	000279-02-2015			WTR QL		02/25/2015	0.00	02/25/2015	Water Quality Report- customer reports green tinge in water, off and on
	Service Address:	2209 HONOLULU				Service Description:	CJS is speaking with him. took samples, very slight green		

		Request Code	
Request Code Totals:		WTR QL	
		Grand Totals:	

FEBRUARY 26, 2015

CRESCENTA VALLEY WATER DISTRICT – WATER QUALITY COMPLAINTS–ZONE 1

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3
March 3, 2015

To: Honorable President and Members of the Board of Directors

From: Ron L. Mitchell – Secretary-Treasurer

Subject: **FY 2015/16 Water and Wastewater Budgets**

ACTION ITEM:

FY 2015/16 Water and Wastewater Budgets – Discussion regarding estimates for water production and sales for the FY 2015/16.

BACKGROUND

An essential element of preparing the annual budget is estimating the water production and sales for the coming fiscal year. The water production and sales projections are used to determine the anticipated revenue from water sales. This is a major factor in determining any potential water rate increases necessary to meet the estimated maintenance and operation expenses, capital outlay and improvements, cost of imported water, and to maintain the water reserve funds at the necessary target reserve level.

Staff also uses these water projections as part of setting the 5-year budget, which is used by the Board of Directors to determine the future needs of the District.

Staff met with the Finance Committee on February 26, 2015 and presented the first draft of the FY 2015/16 Water and Wastewater budgets, which included the proposed water production and sales projections.

Staff also has included as part of this action item, a memorandum which describes the methodology and assumptions used by staff to develop the water production, expenses, capital outlay, and capital improvements for the FY 2015/16 Water and Wastewater budgets.

DISCUSSION

There are a number of variables that are considered by staff when preparing the annual water projections and sales projections such as:

- The continued State-wide drought conditions
- Less than average rainfall in 2014 and 2015
- Decrease capacity of CVWD's groundwater wells
- Increase in the District's water conservation efforts
- The economic trends within the Crescenta Valley and the Los Angeles area
- Meeting the 20% reduction of water demand by 2020 requirements (5,147 ac-ft/yr)
- MWD's Water Supply Allocation Plan which could possibly start in July 2015 or sooner
- Historic water production data
- Unaccountable water loss through water main or lateral leaks and inaccurate meter readings

As part of the planning for last year's FY 2014/15 budget, staff projected 4,500 ac-ft of water would be produced with an 8% reduction due to water loss. This was a reduction of 5.9% in water production from FY 2013/14. As FY 2014/15 progresses, it appears that water production will be about 4,200 ac-ft, which reflects the community's response to the request for water conservation.

Staff used the current trends as a basis for looking at future water production and sales projections for FY 2015/16 and beyond.

Staff used these factors to develop water projections for the next five (5) fiscal years as shown in the attached Table 1. Staff anticipates that water production will reduce in FY 2015/16 to 4,100 ac-ft in response to the current drought condition. Staff is anticipating a slight increase of 100 ac-ft per year (or 2% increase) over the next five (5) years. These water production and sales projections were used as part of the draft FY 2015/16 budget.

RECOMMENDATION

Staff is looking for input from the Board to support or recommend changes to the anticipated water production and sales projection assumptions, as they are an important factor in determining potential revenues for water sales.

The Finance Committee also asked several questions related to expenses and capital improvements as outlined in the various tables included in this package. In particular, the Finance Committee requested information from staff on how to expedite the replacement of water meters and developing an AMI system, discussed the water conservation turf rebate program and to what level this program should be funded by the District, and the importance of completing the installation of seismic sensors and valve actuators at reservoir sites. Staff will be looking for direction from the Board on these issues as well.

Any recommendations, along with those already received from the Finance Committee, will be included in the next draft as part of the March 17th Board meeting.

Prepared by:

Ron Mitchell

Ron L. Mitchell
Secretary-Treasurer

Submitted by:

Dennis A. Erdman
General Manager

Attachments:

1. FY 2015/16 – Preliminary Water and Wastewater Budget
2. Table - Water Production Projections FY 2000/01 to FY 2023/24
3. Chart - Water Production Projections FY 2000/01 to FY 2023/24

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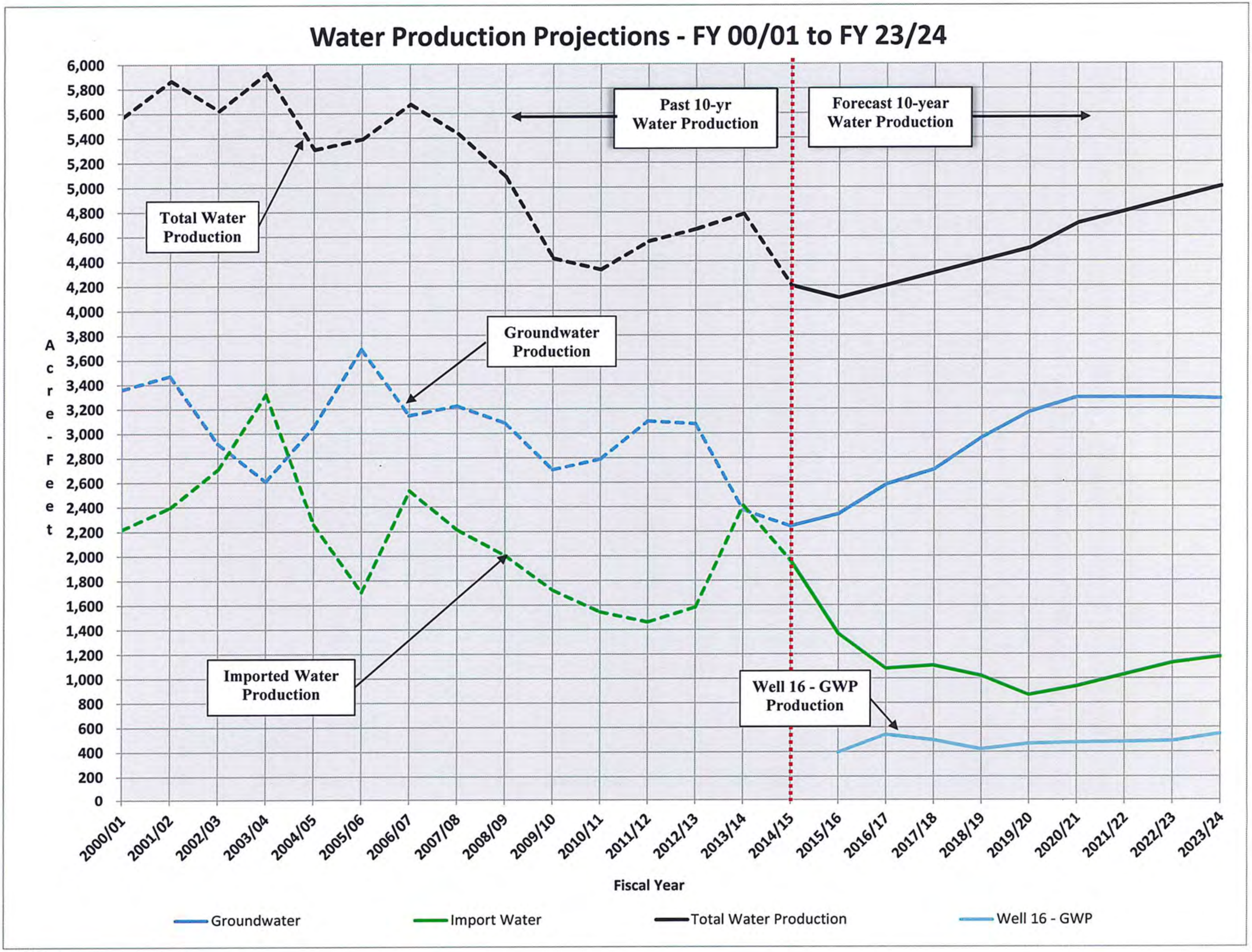
Crescenta Valley Water District

Water Production Projections FY 2000/01 to FY 2023/24

Fiscal Year	GW (ac-ft)	GWP (ac-ft)	Import (ac-ft)	Total (ac-ft)	Percent Increase/ Decrease
2000/01	*3,360*		*2,216*	*5,576*	*-4.9%*
2001/02	*3,471*		*2,394*	*5,865*	*5.2%*
2002/03	*2,917*		*2,706*	*5,623*	*-4.1%*
2003/04	*2,609*		*3,318*	*5,927*	*5.4%*
2004/05	*3,051*		*2,255*	*5,305*	*-10.5%*
2005/06	*3,687*		*1,704*	*5,392*	*1.6%*
2006/07	*3,144*		*2,530*	*5,674*	*5.2%*
2007/08	*3,222*		*2,212*	*5,434*	*-4.2%*
2008/09	*3,084*		*2,004*	*5,088*	*-6.4%*
2009/10	*2,702*		*1,721*	*4,422*	*-13.1%*
2010/11	*2,788*		*1,544*	*4,332*	*-2.0%*
2011/12	*3,099*		*1,460*	*4,559*	*5.2%*
2012/13	*3,075*		*1,582*	*4,658*	*2.2%*
2013/14	*2,372*		*2,410*	*4,782*	*2.7%*
2014/15	*2,241*		*1,958*	*4,200*	*-12.2%*
2015/16	**2,340**	**395**	**1,365**	**4,100**	**-2.4%**
2016/17	**2,580**	**540**	**1,080**	**4,200**	**2.4%**
2017/18	**2,700**	**495**	**1,105**	**4,300**	**2.4%**
2018/19	**2,960**	**420**	**1,020**	**4,400**	**2.3%**
2019/20	**3,170**	**465**	**865**	**4,500**	**2.3%**
2020/21	**3,290**	**475**	**935**	**4,700**	**4.4%**
2021/22	**3,290**	**480**	**1,030**	**4,800**	**2.1%**
2022/23	**3,290**	**485**	**1,125**	**4,900**	**2.1%**
2023/24	**3,280**	**545**	**1,175**	**5,000**	**2.0%**



Water Production Projections - FY 00/01 to FY 23/24
Past 10-yr Water Production
Forecast 10-year Water Production
Total Water Production
Groundwater Production
Imported Water Production
Well 16 - GWP Production
Acre-Feet
6,000
5,800
5,600
5,400
5,200
5,000
4,800
4,600
4,400
4,200
4,000
3,800
3,600
3,400
3,200
3,000
2,800
2,600
2,400
2,200
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
2000/01
2001/02
2002/03
2003/04
2004/05
2005/06
2006/07
2007/08
2008/09
2009/10
2010/11
2011/12
2012/13
2013/14
2014/15
2015/16
2016/17
2017/18
2018/19
2019/20
2020/21
2021/22
2022/23
2023/24
Fiscal Year
Groundwater
Import Water
Total Water Production
Well 16 - GWP

CRESCENTA VALLEY WATER DISTRICT
STAFF REPORT

To: Members of the Finance Committee February 26, 2015

From: Ron L. Mitchell – Secretary-Treasurer

Subject: **Discussion of FY 2015/16 Water and Wastewater Budgets**

INTRODUCTION:

Staff has prepared the first draft of the FY 2015/16 Water and Wastewater budgets based on our best assumptions and the Board's previous direction to increase expenditures for upgrades and maintenance at a moderate pace over the next few years, and maintain current staffing levels among other items. In addition, the Board has previously directed staff to fund CIP at $2M every year starting in FY 2013/14 through FY 2018/19 and increasing the CIP budget after the next five (5) years to meet goals of improving the overall system reliability

Staff has prepared the preliminary budget using the financial cash flow model that presents the District's budget in a large integrated spreadsheet. The advantage of this approach is that changes to the spreadsheet can be made to individual variables and the model will translate the changes through the entire model giving instant feedback on how the changes impact the results, including rate changes needed to support the proposed expenditures.

As with any model, the results are only as good as the numbers that form the input. Management staff has provided their best estimates of anticipated costs for the multitude of budget categories which make up the final numbers. The assumptions for escalation in costs, changes in charges from utility providers, suppliers, contractors, insurance companies and the many other suppliers of goods and services we use are detailed in the notes that accompany the WB-9 and WWB-7 charts that we will be reviewing. (WB-9 is the water budget summary spread sheet and WWB-7 is the wastewater budget summary spread sheet.)

In accordance with the general guidance provided by the Board, the direction these budgets are intended to lead us toward an operating budget that produces sufficient revenue each year to support operations, capital projects and infrastructure replacement. These improvements need to occur at a rate that allows the District to maintain adequate and reliable water and sewer service to the customers.

DISCUSSION:

WATER BUDGET:

FY 2015/16 Water Budget – The following is a discussion of major budget categories which were utilized to create the FY 2015/16 Water Budget for Revenue and Operation and Maintenance expenses:

Revenues – Based upon 4,100 AF of water sales, less shrinkage, for FY 2015-16 and increasing to 4,200 AF for FY 2016/17 and an additional 100 AF per year though FY 2019/20. Staff estimated that water demand will increase slightly over the next five (5) years.

The rate increases shown in the Water Cashflow Model are such that the increase in the fixed service charges equal to percentages recommended for commodity charges. The FMWD commodity charge will remain the same and the anticipated interest income from investments, and other miscellaneous sources of funds are also estimated in the model.

Labor and Benefits – Includes a 0.5% Cost of Living Adjustment (COLA) for fiscal year 2015/16, an 1.0% COLA for fiscal years 2016/17 through 2019/20; merit increases for employees not currently at top step of salary scale; continued payment of the 7% EMPC and projected increases to PERS contributions based upon latest actuarial projections; projected 2% increases annually for health insurance costs; 0.5% for dental insurance costs; a 1% change to Life and LTD; an increase to worker's compensation insurance rates from 1.64% to 2.07% for the FY 2015/16 and then decreases for the next four FY; no change to the management group self-insurance coverage.

The District has realized savings in the actual Labor & Benefits expense compared to what was budgeted for the last two (2) fiscal years due to extended employee absences from medical leave or worker compensation injuries. This year staff continues to budget $150,000 of labor to be transferred to capital improvements as part of the project management to administer the CIP program.

Purchased Water and Power Costs – MWD indicated that there will be a 2.1% increase in treated water costs for 2016, which has been factored into the overall FMWD cost for purchased water. In addition, staff has included the projected costs provided by FMWD in their proposed budget for M&O and CIP costs. However, staff is anticipating that the overall FMWD costs will decrease in FY 2015/16 due to reduced water production.

Power costs are approximately 3% higher in anticipation of a 5% - 6% rate increase from SCE and a 3% - 6% rate increase from GWP and lower water production.

Operations & Maintenance Expenses – Maintenance and operating expenses are estimated to be approximately 3.5% higher in FY 2015/16, decrease slightly in FY 2016/17 primarily due to no election for the Board and to generally stay at approximately $5.5M for the following two FY to meet the goal of a moderate pace for systems/facilities improvements.

Areas of increased spending in this year's water budget include repairs to the Glenwood Plant such as new roof and painting on the main building. The budget also reflects the continuation of the water meter replacement program, which is replacing 1,000 meters per year. This will be the third year of the four year project to replace all meters 20 years and older. Staff has had discussions with the Engineering Committee about accelerating the program, but additional funding to complete this project (both labor and materials) are not included in this budget.

A result of the water meter replacement program there is a number of water service laterals that will also need to be replaced; additional funding has been retained to replace water services by outside contractors.

There is an increase in the budget for lab & sampling due to increased regulations and the increased number of monitoring wells associated with the Stormwater Feasibility study. Staff has also included funding to repair/maintain the structural beams at the Main Office and administrative consultants to assist in capital improvement projects. This is also an election year and staff has included $50,000 in both the water and wastewater budgets.

The budget includes retaining the increased allocation for the turf rebate program and keeping the same budget for the other components in the water conservation program in anticipation of the statewide drought.

Capital Outlay & Equipment – Staff is planning to replace one (1) service vehicle that has shown increased levels of maintenance; continued replacement and upgrades to the District's computer network hardware and software, including its financial software; and seismic upgrades to the District's main office.

Capital Improvements – The District has transitioned from bond financing to a Pay-As-You-Go funding for its Capital Improvements Projects program. The Board has set a CIP level of $2M per year for replacing aging infrastructure and to make necessary improvements to the water system.

In FY 2014/15, staff completing either the construction or design of 9 projects and 6 remaining projects will carry over into FY 2015/16. In FY 2015/16, staff plans to complete the carry over projects, continue with the pipeline replacement, rehabilitation of the surge tank at Glenwood and the total amount proposed for FY 2015/16 is $1.85M.

Proposed Water Rates – Staff is recommending a water rate increase of approximately 8% for FY 2015/16 and FY 2016/17, and additional increase of approximately 7.5% for the FY 2017/18, 4.7% in FY 2018/19 and 0% in FY 2019/20 in order to match reserves with target levels. These are shown in Table WB-9 of the Water Cash Flow Model.

WASTEWATER BUDGET

FY 2015/16 Wastewater Budget – The following is a discussion of major budget categories that were utilized to create the FY 2015/16 Wastewater Budget for Revenue and Operations and Maintenance Expenses. Compensation and Benefits assumptions are the same as discussed in the Water Budget.

Revenues – Based upon 7,997 EDU's and planning for minimal growth over the next few years. This information, utilized by staff and confirmed in the cost-of-service study, was used to calculate the expected revenues from Residential, Commercial, and Schools customers.

City of Los Angeles Treatment & Disposal Costs – Based upon the updated five year projections provided by the City of Los Angeles (LA), the LA treatment & disposal costs will be decreasing over the next five (5) years. Because in previous fiscal years LA actual costs were less than the updated, staff began smoothing the 5-year projections. For FY 2015/16 the projections have been reduced significantly from last year's projections. The result is that the projected costs are approximately $200,000 less than last year. This along with an anticipated reduction in costs for the current FY will the need for any rate increases for FY 2016/17 through 2019/20 which is shown in the updated cash flow model.

Operations & Maintenance – Staff has kept the O & M total expenses the same as FY 2014/15 except for the addition of $50,000 for the election expense.

Capital Improvement and Capital Outlay – Funds to replace one service vehicle, continuation of the upgrades to manholes and sewer main rehabilitation; software and computer systems upgrades, and office equipment and tools.

Proposed Wastewater Rates – Staff is recommending no wastewater rate increases for FY 2016/17 through 2019/20 primarily due to the decreased City of Los Angeles cost projections.

Prepared by:	Prepared by:
Ron L. Mitchell Secretary-Treasurer	David S. Gould District Engineer

Attachments:

Wastewater Budget Table WWB-1 Projected Wastewater Accounts - FY 15/16 - Preliminary

	3	2	1		1	2	3	4	5
Wastewater Accounts	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Residential Units - EDU[(1)]									
Single Family	5,238	5,271	*5,273*	5,273	5,275	5,277	5,279	5,281	5,283
Multi-family	2,570	2,546	*2,548*	2,548	2,550	2,552	2,554	2,556	2,558
Total Residential Units - EDU[(1)]	7,808	7,817	*7,821*	7,821	7,825	7,829	7,833	7,837	7,841
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	7,980[(2)]	7,989	*7,993*	7,993	7,997	8,001	8,005	8,009	8,013
Projected No. of Account Annual Increase	(85)	9	*4*	4	4	4	4	4	4
Projected Percent of Account Annual Increase	-0.76%	0.11%	*0.05%*	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%

Note:
1. EDU = Equivalent Dwelling Units
2. Number of Connection reduced during audit of Wastewater accounts for the 2012 Volume-Based Wastewater Study

Wastewater Budget Table WWB-2 Revenues - FY 15/16 - Preliminary

	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Wastewater User and Standby Charge Revenues									
Single family dwelling unit	$ 2,928,381	$ 3,241,490	$ 2,136,000	$ 2,040,700	$ 2,231,000	$ 2,232,000	$ 2,233,000	$ 2,234,000	$ 2,235,000
Multiple family dwelling			$ 1,032,000	$ 987,000	$ 1,079,000	$ 1,079,000	$ 1,080,000	$ 1,081,000	$ 1,082,000
Total School charges			$ 95,000	$ 91,000	$ 100,000	$ 101,000	$ 102,000	$ 104,000	$ 105,000
Total Commercial user charges			$ 251,000	$ 240,000	$ 279,000	$ 264,000	$ 264,000	$ 264,000	$ 264,000
Sewer Service Discount			$ (150,000)	$ (100,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)
Total user charge revenues	$ 2,928,381	$ 3,241,490	$ 3,364,000	$ 3,258,700	$ 3,539,000	$ 3,526,000	$ 3,529,000	$ 3,533,000	$ 3,536,000
Permit/Connection Fees/Misc.									
Sewer Permits	$ 1,500	$ 1,000	$ 6,000	$ 500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500
Sewer Connection Fee (CVWD)	$ 59,914	$ 29,815	$ 11,000	$ 13,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Misc. Revenue	$ 13,776	$ -	$ 8,000	$ -	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Rental Properties Income	$ 7,500	$ 7,191	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500
Total Permit/Connection Fees/Misc.	$ 82,690	$ 38,006	$ 32,500	$ 21,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000
Interest Earned	$ 47,781	$ 207	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
Total Revenue	$ 3,058,851	$ 3,279,703	$ 3,397,000	$ 3,280,200	$ 3,568,500	$ 3,555,500	$ 3,558,500	$ 3,562,500	$ 3,565,500

Wastewater Budget Table WWB-3 City of Los Angeles O & M and Capital Expense - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	*Budget FY 2014-15*	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
City of Los Angeles Projection O & M	$ 494,963	$ 453,778	*$ 719,280*	$ 462,000	$ 667,760	$ 667,760	$ 667,760	$ 667,760	$ 667,760
City of Los Angeles Projection Capital	$ 370,089	$ 462,534	*$ 1,006,020*	$ 460,000	$ 855,720	$ 855,720	$ 855,720	$ 855,720	$ 855,720
City of Los Angeles Projection Total	$ 865,052	$ 916,312	*$ 1,725,300*	$ 922,000	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480

Notes:

1. Source for FY 2015-16: City of Los Angeles - Amalgamated System Sewer Service Charges (ASSSC) include both capital and O&M charges dated 1/16/15
2. Projected FY 2014/15 does not includes any City of LA Reconciliation Charge for FY 2013/14
3. Budget 15/16 - 19/20 - Based on Average Cost from City of LA from 2015-2020

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
TREATMENT AND DISPOSAL CHARGES									
Los Angeles ASSSC	$ 865,052	$ 916,312	$ 1,725,300	$ 922,000	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480	$ 1,523,480
Los Angeles ASSS Facilities Charges	$ 33,400	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000	$ 35,000
TOTAL TREATMENT AND DISPOSAL CHARGES	$ 898,452	$ 951,312	$ 1,760,300	$ 957,000	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480
COMPENSATION AND BENEFITS									
Director Fees	$ 8,280	$ 8,370	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Labor									
Officer Salaries	$ 139,364	$ 144,628	$ 153,000	$ 142,000	$ 151,000	$ 152,000	$ 154,000	$ 155,000	$ 157,000
Administrative Services Labor	$ 221,670	$ 239,655	$ 279,000	$ 255,000	$ 283,000	$ 260,000	$ 265,000	$ 269,000	$ 272,000
Administrative Services Labor - OT	$ 7,491	$ 6,127	$ 6,000	$ 4,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Engineering Department Labor	$ 90,099	$ 100,029	$ 142,000	$ 105,000	$ 145,000	$ 147,000	$ 149,000	$ 151,000	$ 152,000
Engineering Department Labor-OT	$ 846	$ 721	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Plant - Office Labor	$ 56,922	$ 61,776	$ 78,000	$ 70,000	$ 79,000	$ 80,000	$ 81,000	$ 82,000	$ 83,000
System Operators Labor	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Plant - Office Labor-OT	$ 75	$ 155	$ -	$ 100	$ -	$ -	$ -	$ -	$ -
Maintenance Workers Labor	$ 94,700	$ 153,163	$ 196,000	$ 180,000	$ 199,000	$ 211,000	$ 216,000	$ 221,000	$ 227,000
Maintenance Workers Labor-OT	$ 11,025	$ 27,434	$ 11,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000	$ 22,000
Standby Pay	$ 14,944	$ 14,000	$ 15,000	$ 15,000	$ 14,000	$ 14,000	$ 14,000	$ 14,000	$ 14,000
Auto Allowance	$ 8,825	$ 8,700	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Labor Transfer to Capital	$ (6,778)	$ (2,909)	$ (5,000)	$ (12,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)	$ (5,000)
Labor Total	$ 654,241	$ 764,758	$ 893,000	$ 799,100	$ 909,000	$ 902,000	$ 917,000	$ 930,000	$ 943,000
Sick and Vacation - Office	$ 43,762	$ 22,662	$ 44,000	$ 44,000	$ 36,000	$ 44,000	$ 45,000	$ 45,000	$ 46,000
Sick and Vacation - Plant	$ 29,174	$ 15,108	$ 29,000	$ 29,000	$ 24,000	$ 29,000	$ 30,000	$ 30,000	$ 31,000
Taxes - Payroll (Total Employees)	$ 79,514	$ 84,603	$ 88,000	$ 80,000	$ 91,000	$ 90,000	$ 92,000	$ 93,000	$ 94,000
PERS Retirement (Total Employees)	$ 172,093	$ 176,593	$ 194,000	$ 160,000	$ 204,000	$ 219,000	$ 230,000	$ 242,000	$ 253,000
Interest Expense - CalPERS Pension Side Fund	$ 12,788	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Workers' Compensation - Office	$ 12,755	$ 9,420	$ 10,000	$ 9,000	$ 11,000	$ 10,000	$ 10,000	$ 9,000	$ 8,000
Workers' Compensation - Plant	$ 55,640	$ 38,959	$ 41,000	$ 40,000	$ 50,000	$ 50,000	$ 50,000	$ 45,000	$ 40,000
Health and Dental and Vision - Office	$ 70,832	$ 83,046	$ 87,000	$ 89,000	$ 95,000	$ 97,000	$ 99,000	$ 101,000	$ 103,000
Life & Disability Insurance - Office	$ 4,864	$ 5,583	$ 6,000	$ 6,300	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Health and Dental and Vision - Plant	$ 99,082	$ 88,014	$ 95,000	$ 95,000	$ 101,000	$ 103,000	$ 105,000	$ 108,000	$ 110,000
Self Insurance	$ 6,932	$ 6,894	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 9,000	$ 9,000	$ 9,000
Retiree - Health Care Expense	$ 52,371	$ 57,564	$ 62,000	$ 55,000	$ 52,000	$ 53,000	$ 54,000	$ 55,000	$ 56,000
Compensation Total	$ 640,274	$ 588,446	$ 664,000	$ 615,300	$ 679,000	$ 710,000	$ 731,000	$ 744,000	$ 757,000
TOTAL COMPENSATION AND BENEFITS	$ 1,294,515	$ 1,353,204	$ 1,557,000	$ 1,414,400	$ 1,588,000	$ 1,612,000	$ 1,648,000	$ 1,674,000	$ 1,700,000
PLANT OPERATING EXPENSES									
Power - Lift Station	$ 720	$ 691	$ 700	$ 750	$ 750	$ 750	$ 800	$ 800	$ 800
Glenwood - Utilities	$ 2,575	$ 3,558	$ 5,000	$ 4,000	$ 4,500	$ 5,000	$ 5,000	$ 5,500	$ 5,500
Glenwood - Phone	$ 6,280	$ 12,641	$ 10,500	$ 13,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Glenwood - Cell Phones	$ 2,319	$ 2,720	$ 3,000	$ 4,200	$ 4,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000
Glenwood - Plant Maintenance	$ 3,829	$ 3,445	$ 8,400	$ 4,000	$ 8,500	$ 9,000	$ 9,000	$ 10,000	$ 10,000
Glenwood - Landscape	$ 1,568	$ 1,572	$ 2,300	$ 2,300	$ 2,500	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Telemetering & Signal System	$ 4,855	$ 2,641	$ 4,000	$ 1,500	$ 2,500	$ 2,500	$ 2,500	$ 3,000	$ 3,000
SCADA Hardware	$ -	$ -	$ 2,000	$ 1,000	$ 2,000	$ 3,000	$ 4,000	$ 4,000	$ 4,000
SCADA Software	$ -	$ -	$ 3,700	$ 1,200	$ 2,700	$ 4,000	$ 4,000	$ 4,000	$ 4,000
SCADA Phone Lines & Radio	$ -	$ -	$ 1,700	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Glenwood - Uniforms	$ 2,568	$ 3,233	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,500	$ 3,500	$ 3,500
Glenwood - Safety and Security System	$ 11,662	$ 8,020	$ 6,000	$ 6,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Training - Plant	$ 3,171	$ 1,987	$ 2,700	$ 2,500	$ 2,800	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Office Supplies & Misc Expenses - Plant	$ -	$ 9,044	$ 6,000	$ 8,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Tools and Equipment Maintenance	$ 27,015	$ 18,098	$ 15,000	$ 24,000	$ 23,500	$ 25,000	$ 25,000	$ 25,000	$ 25,000
Taxes - Property	$ 3,959	$ 4,010	$ 4,000	$ 4,000	$ 4,200	$ 4,500	$ 5,000	$ 5,000	$ 5,000
Education Reimbursement/Cert. - WW	$ -	$ 622	$ 3,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
TOTAL PLANT OPERATING EXPENSES	$ 70,521	$ 72,282	$ 81,000	$ 81,450	$ 88,950	$ 94,750	$ 96,800	$ 98,800	$ 98,800

Wastewater Budget Table WWB - 4 Operation and Maintenance Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
COLLECTION SYSTEM EXPENSE									
Sewer Flow Monitoring Expense	$ 14,440	$ 14,555	$ 21,000	$ 15,000	$ 18,000	$ 18,500	$ 19,000	$ 19,500	$ 20,000
Pipelines - Maintenance	$ 601	$ 22,552	$ 9,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000	$ 9,000	$ 10,000
Sewer Interceptor - Maintenance	$ 33	$ 1,243	$ 7,000	$ 2,000	$ 4,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Sewer Lift Station - Maintenance	$ 2,557	$ 4,338	$ 6,000	$ 5,000	$ 6,000	$ 6,500	$ 7,000	$ 7,500	$ 8,000
Auto/Truck - Maintenance	$ 31,619	$ 46,232	$ 17,000	$ 38,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
Auto/Truck - Gas	$ 7,616	$ 8,026	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000
Auto/Truck - Diesel	$ 5,221	$ 5,681	$ 5,800	$ 5,800	$ 6,000	$ 6,000	$ 6,000	$ 7,000	$ 7,000
Sewer Camera Van Inspection	$ 2,740	$ 3,248	$ 1,500	$ 1,000	$ 1,500	$ 2,000	$ 3,000	$ 3,000	$ 3,000
TOTAL COLLECTION SYSTEM EXPENSE	$ 64,827	$ 105,875	$ 76,300	$ 80,800	$ 75,500	$ 82,000	$ 86,000	$ 89,000	$ 91,000
GENERAL AND ADMINISTRATIVE EXPENSES									
Engineering Department	$ 4,060	$ 3,504	$ 5,000	$ 3,500	$ 4,000	$ 4,500	$ 5,000	$ 5,500	$ 6,000
Accounting - Audit	$ 7,428	$ 15,079	$ 13,000	$ 13,000	$ 13,000	$ 14,000	$ 14,000	$ 14,500	$ 14,500
Legal Consulting Fees	$ 14,289	$ 15,546	$ 14,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Administrative Consultants	$ 16,251	$ 9,519	$ 25,000	$ 15,000	$ 15,000	$ -	$ 2,500	$ -	$ -
General Insurance (General Liability, Property, Fidelity)	$ 44,394	$ 46,256	$ 53,000	$ 46,000	$ 49,000	$ 52,000	$ 55,000	$ 58,000	$ 61,000
Office Maintenance	$ 4,147	$ 3,378	$ 3,300	$ 3,300	$ 4,000	$ 4,000	$ 4,000	$ 5,000	$ 5,000
Landscape Maintenance - Office	$ 3,214	$ 1,710	$ 2,200	$ 2,000	$ 2,500	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Office Supplies & Misc Expenses	$ 13,898	$ 5,442	$ 2,000	$ 4,000	$ 3,500	$ 6,000	$ 6,100	$ 6,200	$ 6,200
Computers Hardware	$ 5,468	$ 7,312	$ 8,500	$ 8,500	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000
Computer Software	$ 2,892	$ 6,022	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 14,000	$ 14,000
Computer Software Maintenance/License	$ 7,718	$ 5,850	$ 6,500	$ 10,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Utilities - Office	$ 4,909	$ 5,522	$ 6,500	$ 6,700	$ 6,500	$ 7,000	$ 7,000	$ 7,000	$ 7,000
Phones and Communications - Office	$ 13,243	$ 8,158	$ 9,000	$ 9,000	$ 9,000	$ 10,000	$ 10,000	$ 10,000	$ 10,500
Cell Phones - Office	$ 5,164	$ 5,019	$ 5,500	$ 5,500	$ 5,500	$ 6,000	$ 6,000	$ 6,000	$ 6,000
Printing, Postage, Stationery, Copier Maintenance	$ 45,132	$ 41,406	$ 38,000	$ 38,000	$ 38,000	$ 38,500	$ 39,000	$ 39,500	$ 40,000
Election Expense	$ -	$ 36,751	$ -	$ -	$ 50,000	$ -	$ 55,000	$ -	$ 60,000
Uncollectible Accounts	$ -	$ 3,327	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500
Training - Office	$ 2,954	$ 1,172	$ 3,300	$ 1,500	$ 2,000	$ 2,000	$ 2,500	$ 2,500	$ 3,000
Conferences and Seminars - Office	$ 2,103	$ 3,166	$ 4,700	$ 4,700	$ 5,000	$ 5,000	$ 5,500	$ 6,000	$ 6,500
Board of Directors - Conferences and Seminars	$ 573	$ 1,072	$ 700	$ 700	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
Misc Administration - Office	$ 1,136	$ 1,085	$ 1,700	$ 6,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Membership Renewals/Subscriptions	$ 7,611	$ 7,591	$ 8,500	$ 14,000	$ 12,500	$ 12,500	$ 13,000	$ 13,000	$ 13,500
Board of Directors - Misc Administration	$ 654	$ 444	$ 400	$ 500	$ 500	$ 600	$ 600	$ 600	$ 600
Bank Charges	$ 9,486	$ 11,092	$ 12,000	$ 13,000	$ 13,000	$ 13,500	$ 14,000	$ 14,500	$ 15,000
Rental Properties Expense	$ 38	$ 1,612	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000
GENERAL AND ADMINISTRATIVE EXPENSES	$ 216,762	$ 247,035	$ 238,300	$ 235,400	$ 287,500	$ 233,100	$ 297,700	$ 247,800	$ 314,300
TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment Costs)	$ 1,646,625	$ 1,778,396	$ 1,952,600	$ 1,812,050	$ 2,039,950	$ 2,021,850	$ 2,128,500	$ 2,109,600	$ 2,204,100
TOTAL WASTEWATER SYSTEM EXPENSE (W/O LA Treatment & Labor Costs)	$ 352,110	$ 425,192	$ 395,600	$ 397,650	$ 451,950	$ 409,850	$ 480,500	$ 435,600	$ 504,100

Wastewater Budget Table WWB - 5 Reserve Targets - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Rate stabilization (a)	$ 502,087	$ 492,000	$ 509,850	$ 492,150	$ 535,350	$ 533,400	$ 533,850	$ 534,450	$ 534,900
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)	$ 750,000	$ 800,000	$ 850,000	$ 850,000	$ 900,000	$ 950,000	$ 1,000,000	$ 1,050,000	$ 1,100,000
Working cash (c)	$ 270,000	$ 300,000	$ 330,000	$ 300,000	$ 340,000	$ 340,000	$ 350,000	$ 350,000	$ 370,000
Total Target WW Reserves	$ 2,272,087	$ 2,342,000	$ 2,439,850	$ 2,392,150	$ 2,525,350	$ 2,573,400	$ 2,633,850	$ 2,684,450	$ 2,754,900

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

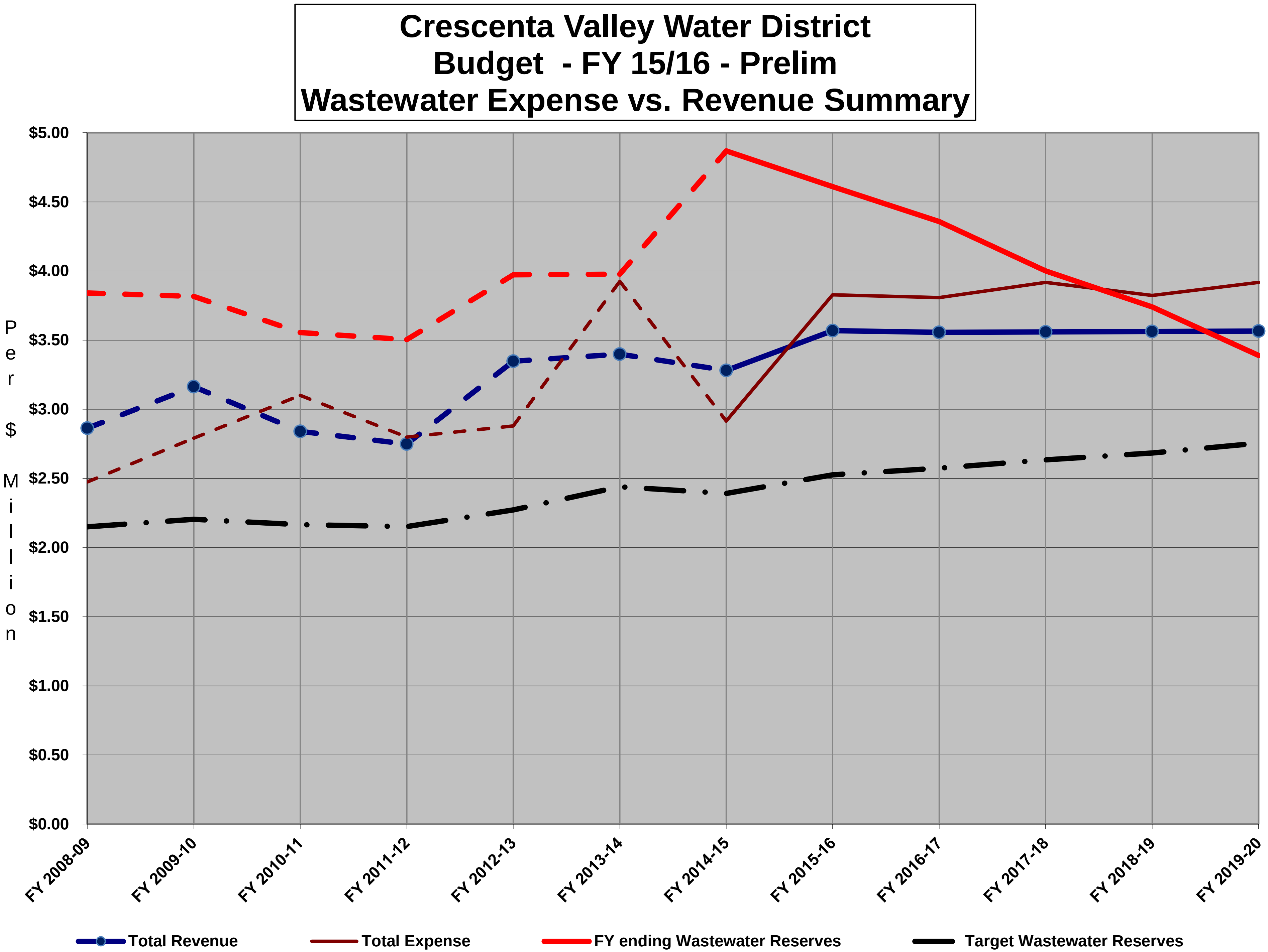
b. The emergency reserve is set at $750,000.

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

Wastewater Budget Table WWB-6 CIP & Capital Outlay - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
1. Collections Systems	$ 32,688	$ 13,011	$ 55,000	$ 85,173	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000
2. Interceptor System	$ -	$ -	$ 2,000	$ -	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
3. Lift Station/ Diverter Valve	$ 2,377	$ 6,071	$ 3,000	$ -	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
4. Nitrate Plant Waste	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4. Technology (Sewer Projects Only)	$ 10,720	$ -	$ 5,000	$ 4,200	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
5. Public Safety/Emergency Response	$ -	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -	$ -
6. Facilities & Planning	$ -	$ -	$ 20,000	$ 6,500	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
7. Misc. Sewer Projects	$ -	$ -	$ 30,000	$ -	$ 7,950	$ 4,200	$ 3,500	$ 3,500	$ 3,500
Total CIP Projects	$ 45,785	$ 19,082	$ 125,000	$ 95,873	$ 112,950	$ 109,200	$ 108,500	$ 108,500	$ 108,500
Capital Outlay									
Software (Spring Brook) - Fixed Assets		$ -	$ 3,750	$ 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	$ 5,000
Upgrade SCADA Equipment		$ -	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600
SCADA - Phase 1A	$ -								
SCADA - Phase 1B	$ -								
Upgrade Computer Hardware		$ -	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600	$ 6,600
Main Office - Roof		$ -	$ 10,000	$ -	$ 3,300	$ 3,300	$ 3,300	$ 3,300	$ 3,300
Main Office - Seismic Upgrades		$ -	$ 17,000	$ -					
Main Office - Upgrades		$ -	$ 2,050	$ -					
Glenwood - Roof		$ -							
Equipment Outlay									
Emergency Generator - 70 kW (Field)		$ -	$ 5,000	$ 5,000					
Sewer Cover Transmitter		$ -	$ 10,000	$ -					
Sewer Vactor Truck (3-year payback)					$ 75,000	$ 75,000	$ 75,000		
Vehicle Replacement - Unit 24				$ 21,660					
Vehicle Replacement - Unit 13				$ 7,217					
Annual Vehicle Replacement			$ 22,500	$ -	$ 18,300	$ 18,300	$ 25,000	$ 25,000	$ 25,000
Total CO Projects	$ -	$ -	$ 83,500	$ 50,827	$ 116,050	$ 118,550	$ 121,500	$ 46,500	$ 46,500
Total CIP & CO Projects	$ 45,785	$ 19,082	$ 208,500	$ 146,700	$ 229,000	$ 227,750	$ 230,000	$ 155,000	$ 155,000

Wastewater Budget Table WWB - 7 Sources and Applications of Funds - FY 15/16 - Preliminary									
Budget	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
REVENUE									
Projected user charges	$ 2,928,381	$ 3,241,490	$ 3,364,000	$ 3,259,000	$ 3,539,000	$ 3,526,000	$ 3,529,000	$ 3,533,000	$ 3,536,000
Total permit/connection fee	$ 82,690	$ 38,006	$ 34,500	$ 21,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000	$ 29,000
Transfer from MTBE for PERS Side Fund	$ 288,397	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest earnings	$ 47,781	$ 207	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
TOTAL REVENUE	$ 3,347,248	$ 3,280,000	$ 3,399,000	$ 3,281,000	$ 3,569,000	$ 3,556,000	$ 3,559,000	$ 3,563,000	$ 3,566,000
EXPENSE									
City of LA Sewer Service Charges	$ 898,452	$ 951,312	$ 1,760,300	$ 957,000	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480	$ 1,558,480
Sewer Labor & Benefits	$ 1,294,515	$ 1,353,204	$ 1,557,000	$ 1,414,400	$ 1,588,000	$ 1,612,000	$ 1,648,000	$ 1,674,000	$ 1,700,000
Sewer O & M Expense	$ 352,110	$ 425,192	$ 399,900	$ 397,650	$ 451,950	$ 409,850	$ 480,500	$ 435,600	$ 504,100
Sewer CIP & CO Expense	$ 45,785	$ 19,082	$ 208,500	$ 146,700	$ 229,000	$ 227,750	$ 230,000	$ 155,000	$ 155,000
Transfer to Water Reserves	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PERS Side Fund	$ 288,397	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL EXPENSE	$ 2,879,260	$ 2,748,790	$ 3,925,700	$ 2,915,750	$ 3,827,430	$ 3,808,080	$ 3,916,980	$ 3,823,080	$ 3,917,580
Additions (reductions) to cash	$ 467,989	$ 531,210	$ (526,700)	$ 365,250	$ (258,430)	$ (252,080)	$ (357,980)	$ (260,080)	$ (351,580)
Effective date of Wastewater rates	7/1/12	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/18
Rate increase	8.2%	4.7%	4.7%	4.7%	4.4%	0.0%	0.0%	0.0%	0.0%
User Charge (monthly EDUs)	$ 29.75	$ 32.25	$ 33.75	$ 33.75	$ 35.25	$ 35.25	$ 35.25	$ 35.25	$ 35.25
Commercial - Monthly Cost	$ 1.80	$ 2.00	$ 2.10	$ 2.10	$ 2.20	$ 2.20	$ 2.20	$ 2.20	$ 2.20
Commercial - $/Unit	$ 4.90	$ 5.30	$ 5.50	$ 5.50	$ 5.70	$ 5.70	$ 5.70	$ 5.70	$ 5.70
Secondary School - Quantity Charge per 100 ADA	$ 142.90	$ 154.90	$ 162.10	$ 162.10	$ 169.30	$ 169.30	$ 169.30	$ 169.30	$ 169.30
Primary School - Quantity Charge per 100 ADA	$ 71.40	$ 77.40	$ 81.00	$ 81.00	$ 84.60	$ 84.60	$ 84.60	$ 84.60	$ 84.60
Customer Revenue EDUs									
FY beginning Wastewater Reserves	$ 3,504,331	$ 3,972,320	$ 4,503,530	$ 4,503,530	$ 4,868,780	$ 4,610,350	$ 4,358,270	$ 4,000,290	$ 3,740,210
Additions (reductions)	$ 467,989	$ 531,210	$ (526,700)	$ 365,250	$ (258,430)	$ (252,080)	$ (357,980)	$ (260,080)	$ (351,580)
FY ending Wastewater Reserves	$ 3,972,320	$ 4,503,530	$ 3,976,830	$ 4,868,780	$ 4,610,350	$ 4,358,270	$ 4,000,290	$ 3,740,210	$ 3,388,630
TOTAL TARGET WASTERWATER CASH RESERVES	$ 2,272,087	$ 2,342,000	$ 2,439,850	$ 2,392,150	$ 2,525,350	$ 2,573,400	$ 2,633,850	$ 2,684,450	$ 2,754,900
Above (below) target	$ 1,700,233	$ 2,161,530	$ 1,536,980	$ 2,476,630	$ 2,085,000	$ 1,784,870	$ 1,366,440	$ 1,055,760	$ 633,730



Date: 2/26/2015

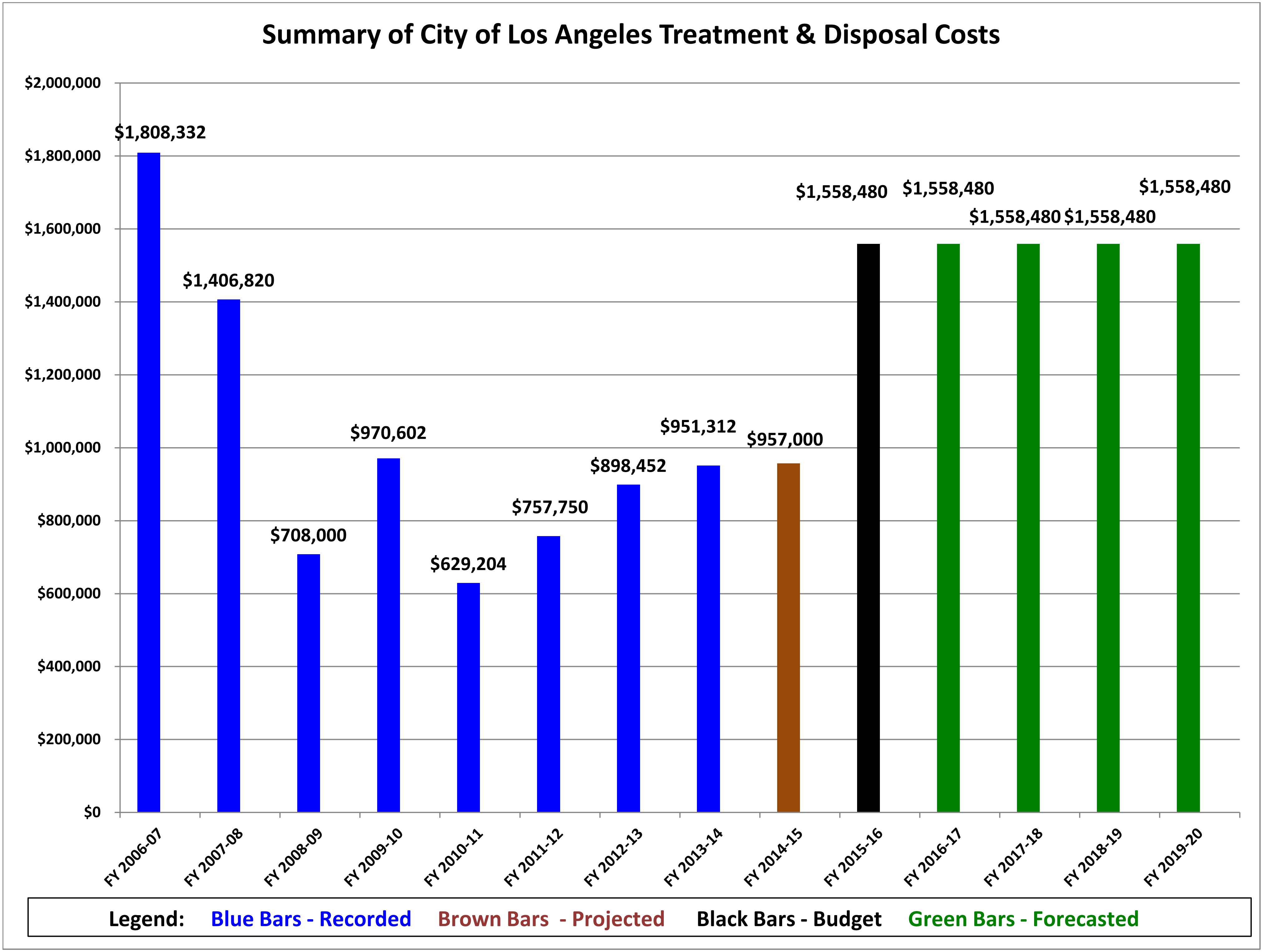

Summary of City of Los Angeles Treatment & Disposal Costs
$2,000,000
$1,800,000
$1,600,000
$1,400,000
$1,200,000
$1,000,000
$800,000
$600,000
$400,000
$200,000
$0
$1,808,332
$1,406,820
$708,000
$970,602
$629,204
$757,750
$898,452
$951,312
$957,000
$1,558,480
$1,558,480
$1,558,480
$1,558,480
$1,558,480
FY 2006-07
FY 2007-08
FY 2008-09
FY 2009-10
FY 2010-11
FY 2011-12
FY 2012-13
FY 2013-14
FY 2014-15
FY 2015-16
FY 2016-17
FY 2017-18
FY 2018-19
FY 2019-20
Legend: Blue Bars - Recorded Brown Bars - Projected Black Bars - Budget Green Bars - Forecasted

Table Water Budget WB - 1 Projected Water Customers - FY 15-16 - Prelimianry

Water Meter Size	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
3/4 inch	6,927	6,953	6,956	6,945	6,948	6,951	6,954	6,957	6,960
1 inch	806	807	810	820	823	826	829	832	835
1-1/2 inch	142	142	143	143	144	145	146	147	148
2 inch	64	64	65	66	67	68	69	70	71
3 inch	24	24	24	27	27	27	27	27	27
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	7,965[(1)]	7,992	8,000	8,003	8,011	8,019	8,027	8,035	8,043
Projected No. of Account Annual Increase	(105)	27	8	11	8	8	8	8	8
Projected Percent of Account Annual Increase	-1.30%	0.34%	0.10%	0.14%	0.10%	0.10%	0.10%	0.10%	0.10%

Note:

1. Number of accounts reduced during internal audit of water accounts in FY 12/13

Table Water Budget - WB-2 Water Production and Costs - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Well Production (Verdugo Basin)	3,076	2,372	2,600	2,242	2,340	2,580	2,700	2,960	3,170
Well Production (GWP)(5)	0	0	0	0	395	540	495	420	465
Foothill MWD Purchases(4)	1,582	2,410	1,900	1,958	1,365	1,080	1,105	1,020	865
Total Production (1)(2)	4,658	4,782	4,500	4,200	4,100	4,200	4,300	4,400	4,500
Shrinkage (percent)(3)	8%	8%	8%	8%	8%	8%	8%	8%	8%
Less Shrinkage (ac-ft)	373	383	360	336	328	336	344	352	360
Total billable consumption (sales)	4,285	4,399	4,140	3,864	3,772	3,864	3,956	4,048	4,140
FMWD Purchased Water	1,582	2,410	1,900	1,958	1,365	1,080	1,105	1,020	865
FMWD Unit Charge ($/ac-ft)	$ 1,418	$ 1,308	$ 1,430	$ 1,447	$ 1,626	$ 1,846	$ 1,898	$ 2,015	$ 2,311
FMWD Cost	$2,233,668	$ 3,151,636	$2,716,750	$2,833,572	$2,219,355	$1,993,255	$2,096,882	$2,055,372	$1,998,771
Cost Increase/Decrease from FMWD Unit Charge	$ 27	$ (110)	$ 122	$ 139	$ 179	$ 220	$ 52	$ 117	$ 296
Percent FMWD Cost Increase/Decrease	10.00%	41.10%	-13.80%	-10.09%	-21.68%	-10.19%	5.20%	-1.98%	-2.75%
Well Production (GWP)					395	540	495	420	465
GWP Unit Charge ($/ac-ft)(6)					$ 450	$ 450	$ 450	$ 450	$ 450
GWP Cost					$177,750	$243,000	$222,750	$189,000	$209,250

Notes:

1. All quantities are in acre-feet (ac-ft).
2. Projected Total Production for FY 15/16 at 4,100 ac-ft, increase by 100 ac-ft to FY 19/20
3. Shrinkage (water loss) anticapted to be 8% as oart of the continuation of the water meter replacement program
4. FMWD Cost based on FMWD's Preliminary Budget based on anticapted 5% rate increase from FMWD & 2.1% rate increase from MWD in 1/2016
5. GWP (Well 16) assumed to be in production in 8/2015
6. GWP cost per ac-ft based on 5-yr average cost per ac-ft of $450/ac-ft

Water Budget Table WB-3 Sources of Water Funds - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Sources of Funds - Variable Sources									
Water Sales - Consumers	**$ 6,859,371**	**$ 7,463,415**	*$ 7,607,000*	**$ 7,099,000**	**$ 7,496,000**	**$ 8,308,000**	**$ 9,137,000**	**$ 9,785,000**	**$ 10,008,000**
Water Sales - CVWD	*$ 4,300,707*	*$ 4,843,462*	*$ 4,869,000*	$ 4,544,000	$ 5,001,000	$ 5,753,000	$ 6,521,000	$ 7,108,000	$ 7,270,000
Water Sale - FMWD	*$ 2,558,664*	*$ 2,619,953*	*$ 2,738,000*	$ 2,555,000	$ 2,495,000	$ 2,555,000	$ 2,616,000	$ 2,677,000	$ 2,738,000
Interest Earned - Water	**$ 76,308**	**$ 125,914**	*$ 75,000*	**$ 75,000**	**$ 77,000**	**$ 79,000**	**$ 81,000**	**$ 83,000**	**$ 85,000**
Gain/Loss on Sale of Investments		**$ 47,243**							
Fair Value Adjustment		**$ 202,439**							
Interest Earned - MTBE Reserve Fund	**$ -**	**$ 46,780**	*$ 139,000*	**$ 139,000**	**$ 138,000**	**$ 136,000**	**$ 135,000**	**$ 134,000**	**$ 133,000**
Subtotal variable sources	**$ 6,935,679**	**$ 7,885,791**	*$ 7,821,000*	**$ 7,313,000**	**$ 7,711,000**	**$ 8,523,000**	**$ 10,002,000**	**$ 10,002,000**	**$ 10,226,000**
Sources of Funds - Stable Sources									
Water Sales - Service Charge	**$ 1,633,352**	**$ 1,731,323**	*$ 1,830,000*	**$ 1,836,000**	**$ 1,988,000**	**$ 2,154,000**	**$ 2,317,000**	**$ 2,428,000**	**$ 2,431,000**
Fire Service Meter Charge	**$ 29,785**	**$ 31,667**	*$ 34,000*	**$ 33,000**	**$ 36,000**	**$ 40,000**	**$ 44,000**	**$ 46,000**	**$ 46,000**
Late Fees/Fire Hydrant Flow/Backflow Tests	**$ 70,322**	**$ 70,271**	*$ 75,000*	**$ 75,000**	**$ 78,000**	**$ 81,000**	**$ 84,000**	**$ 87,000**	**$ 90,000**
Rental Property Income	**$ 22,500**	**$ 21,573**	*$ 22,500*	**$ 22,500**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 25,000**	**$ 28,000**
Subtotal - Stable Sources	**$ 1,755,959**	**$ 1,854,834**	*$ 1,968,000*	**$ 1,973,000**	**$ 2,134,500**	**$ 2,308,500**	**$ 2,479,500**	**$ 2,596,500**	**$ 2,607,000**
Sources of Funds - CIP Sources									
Water Systems Connect Fee	**$ 92,717**	**$ 62,660**	*$ 55,000*	**$ 55,000**	**$ 60,000**	**$ 65,000**	**$ 70,000**	**$ 75,000**	**$ 80,000**
Meter Installation/Hydrant Charges	**$ 64,019**	**$ 24,883**	*$ 40,000*	**$ 40,000**	**$ 50,000**	**$ 60,000**	**$ 70,000**	**$ 80,000**	**$ 90,000**
Other Income - Water/Grants	**$ 39,938**	**$ 78,772**	*$ -*	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Gain/Loss on Sale of Assets		**$ 4,360**							
Interest Earned - COP Bonds (not included in subtotal or total)	**$ 268**	**$ 223**	*$ -*	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
Subtotal CIP Sources	**$ 196,674**	**$ 170,898**	*$ 95,000*	**$ 95,000**	**$ 110,000**	**$ 125,000**	**$ 140,000**	**$ 155,000**	**$ 170,000**
TOTAL SOURCE OF FUNDS	**$ 8,888,312**	**$ 9,911,523**	*$ 9,884,000*	**$ 9,381,000**	**$ 9,955,500**	**$ 10,956,500**	**$ 12,621,500**	**$ 12,753,500**	**$ 13,003,000**

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19
EXPENSE								
COMPENSATION AND BENEFITS								
Director Fees	$ 8,280	$ 8,370	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000
Labor								
Officer Salaries	$ 139,364	$ 144,628	$ 153,000	$ 142,000	$ 151,000	$ 152,000	$ 154,000	$ 155,000
Administrative Services Labor	$ 290,254	$ 312,017	$ 358,000	$ 322,000	$ 363,000	$ 340,000	$ 346,000	$ 351,000
Administrative Services Labor - OT	$ 7,491	$ 6,127	$ 8,000	$ 4,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
Engineering Department Labor	$ 272,986	$ 301,033	$ 427,000	$ 330,000	$ 436,000	$ 440,000	$ 448,000	$ 453,000
Engineering Department Labor-OT	$ 2,537	$ 2,164	$ 3,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
Plant - Office Labor	$ 197,971	$ 219,552	$ 235,000	$ 220,000	$ 236,000	$ 241,000	$ 243,000	$ 245,000
Plant - Office Labor-OT	$ 224	$ 466	$ -	$ 500	$ 500	$ 500	$ 500	$ 500
System Operators Labor	$ 288,492	$ 295,911	$ 322,000	$ 300,000	$ 324,000	$ 327,000	$ 330,000	$ 333,000
System Operators Labor-OT	$ 16,124	$ 24,712	$ 21,000	$ 30,000	$ 27,000	$ 27,000	$ 27,000	$ 28,000
Utility Workers Labor	$ 332,102	$ 294,955	$ 385,000	$ 330,000	$ 389,000	$ 395,000	$ 402,000	$ 409,000
Utility Workers Labor-OT	$ 19,166	$ 42,065	$ 29,000	$ 70,000	$ 64,000	$ 65,000	$ 66,000	$ 66,000
Standby Pay	$ 44,831	$ 42,002	$ 46,000	$ 46,000	$ 41,000	$ 42,000	$ 42,000	$ 42,000
Auto Allowance	$ 8,825	$ 8,700	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000	$ 9,000
Labor Transfer to Capital	$ (118,267)	$ (128,358)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)	$ (150,000)
Labor Total	$ 1,628,647	$ 1,702,702	$ 1,854,000	$ 1,663,500	$ 1,903,500	$ 1,901,500	$ 1,930,500	$ 1,954,500
Sick and Vacation - Office	$ 131,286	$ 67,986	$ 132,000	$ 132,000	$ 107,000	$ 132,000	$ 134,000	$ 136,000
Sick and Vacation - Plant	$ 87,524	$ 45,324	$ 88,000	$ 88,000	$ 71,000	$ 88,000	$ 89,000	$ 91,000
Taxes - Payroll (Total Employees)	$ 119,407	$ 126,904	$ 133,000	$ 130,000	$ 136,000	$ 136,000	$ 137,000	$ 139,000
PERS Retirement (Total Employees)	$ 257,323	$ 264,073	$ 290,000	$ 240,000	$ 307,000	$ 328,000	$ 345,000	$ 362,000
Interest Expense - CalPERS Pension Side Fund	$ 19,182	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Workers' Compensation - Office	$ 18,996	$ 14,131	$ 14,000	$ 14,000	$ 16,000	$ 15,000	$ 15,000	$ 14,000
Workers' Compensation - Plant	$ 83,596	$ 58,439	$ 62,000	$ 60,000	$ 75,000	$ 74,000	$ 76,000	$ 67,000
Health and Dental and Vision - Office	$ 106,352	$ 124,616	$ 131,000	$ 135,000	$ 142,000	$ 145,000	$ 148,000	$ 151,000
Life & Disability Insurance - Office & Plant	$ 7,995	$ 8,374	$ 9,000	$ 9,500	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Health and Dental and Vision - Plant	$ 148,810	$ 132,108	$ 143,000	$ 140,000	$ 152,000	$ 155,000	$ 158,000	$ 161,000
Life & Disability Insurance - Plant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Self Insurance	$ 11,497	$ 11,286	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 13,000
Retiree - Health Care Expense	$ 78,557	$ 86,345	$ 92,000	$ 85,000	$ 78,000	$ 80,000	$ 81,000	$ 83,000
Compensation Total	$ 1,070,527	$ 939,586	$ 1,107,000	$ 1,046,500	$ 1,107,000	$ 1,176,000	$ 1,206,000	$ 1,227,000
TOTAL COMPENSATION AND BENEFITS	$ 2,699,174	$ 2,642,288	$ 2,961,000	$ 2,710,000	$ 3,010,500	$ 3,077,500	$ 3,136,500	$ 3,181,500

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19
PLANT - WATER OPERATION								
Taxes - Property	$ 11,877	$ 12,030	$ 12,000	$ 12,000	$ 12,500	$ 13,000	$ 13,500	$ 14,000
Glenwood - Plant Maintenance	$ 11,487	$ 10,417	$ 25,000	$ 25,000	$ 25,000	$ 26,000	$ 26,000	$ 26,000
Glenwood - Landscape	$ 4,703	$ 4,716	$ 7,000	$ 7,000	$ 7,500	$ 7,500	$ 8,000	$ 8,500
Office Supplies & Misc Expenses - Plant	$ -	$ 8,880	$ 6,000	$ 7,800	$ 6,000	$ 7,000	$ 7,000	$ 7,000
Glenwood - Utilities	$ 12,660	$ 16,329	$ 15,000	$ 13,000	$ 14,000	$ 16,000	$ 16,000	$ 17,000
Glenwood - Phone	$ 23,986	$ 37,923	$ 32,000	$ 32,000	$ 33,000	$ 34,000	$ 35,000	$ 36,000
Glenwood - Cell Phones	$ 7,274	$ 8,159	$ 9,000	$ 9,000	$ 9,500	$ 10,000	$ 10,500	$ 11,500
Training - Plant	$ 11,839	$ 7,010	$ 8,000	$ 8,000	$ 8,000	$ 8,500	$ 9,000	$ 9,500
Education Reimbursement/Certifications	$ -	$ 5,675	$ 4,000	$ 6,000	$ 4,000	$ 4,000	$ 4,000	$ 4,000
Glenwood - Safety and Security System	$ 29,820	$ 25,889	$ 18,000	$ 16,000	$ 19,000	$ 19,500	$ 20,000	$ 20,500
Glenwood - Uniforms	$ 7,704	$ 9,700	$ 9,000	$ 8,200	$ 8,500	$ 8,750	$ 9,250	$ 9,500
Permit & Assessment Fees	$ 1,174	$ 1,198	$ 2,000	$ -	$ 1,500	$ 2,000	$ 2,000	$ 2,000
Tools and Equipment Maintenance	$ 24,662	$ 12,008	$ 22,000	$ 22,000	$ 22,000	$ 23,000	$ 24,000	$ 24,000
Nitrate Plant Maintenance	$ 60,678	$ 39,189	$ 75,000	$ 55,000	$ 80,000	$ 85,000	$ 90,000	$ 95,000
SCADA - Telemetering & Signal	$ 17,979	$ 8,241	$ 12,000	$ 12,000	$ 13,500	$ 15,000	$ 16,500	$ 17,500
SCADA Hardware	$ 6,864	$ 2,861	$ 6,000	$ 6,000	$ 6,000	$ 9,000	$ 10,500	$ 11,500
SCADA Software	$ 6,499	$ 204	$ 11,000	$ 11,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000
SCADA - Communications	$ 1,298	$ 1,593	$ 5,000	$ 2,500	$ 3,500	$ 3,500	$ 4,000	$ 4,000
Lab & Sampling	$ 67,473	$ 52,308	$ 70,000	$ 95,000	$ 80,000	$ 82,000	$ 84,000	$ 86,000
Lab & Sampling - MTBE see TBL WB-8A	$ -	$ 62,427	$ -	$ -	$ -	$ -	$ -	$ -
Chlorine & Treatment	$ 55,488	$ 61,361	$ 70,000	$ 81,000	$ 75,000	$ 77,000	$ 79,000	$ 81,000
Inventory Shrinkage/(Overage)								
TOTAL PLANT WATER OPERATION	$ 363,465	$ 388,118	$ 418,000	$ 428,500	$ 440,500	$ 463,750	$ 482,250	$ 499,500

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19
DISTRIBUTION SYSTEM EXPENSES								
Backflow Expense	$ 927	$ 389	$ 1,000	$ 500	$ 500	$ 500	$ 500	$ 1,000
Pipelines - Maintenance	$ 34,235	$ 18,930	$ 50,000	$ 70,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
Pipelines - Paving	$ 17,518	$ 12,908	$ 15,000	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ 19,000
Pipelines - Fire Hydrant & Fire Service Repair/Replace	$ 4,656	$ 547	$ 25,000	$ 9,700	$ 11,700	$ 13,700	$ 15,700	$ 17,700
Pipelines - Leak Detection/Leak Repair	$ 4,309	$ 330	$ 25,000	$ 2,000	$ 4,000	$ 25,000	$ 5,000	$ 25,000
Pipelines - Trench Plate Rentals	$ 1,592	$ 1,229	$ 1,000	$ 5,000	$ 1,500	$ 1,000	$ 1,000	$ 1,000
Pipelines - Water Sampling Stations	$ -	$ 669	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
Pipelines - Valves	$ 2,932	$ -	$ 15,000	$ 5,000	$ 6,000	$ 7,000	$ 8,000	$ 9,000
Reservoir - Maintenance	$ 46,021	$ 30,917	$ 75,000	$ 85,000	$ 80,000	$ 83,000	$ 86,000	$ 89,000
Reservoir - Landscape	$ 17,598	$ 19,855	$ 25,000	$ 20,000	$ 25,000	$ 26,000	$ 27,000	$ 28,000
Meters - Maintenance	$ 283,329	$ 328,235	$ 275,000	$ 255,000	$ 275,000	$ 215,000	$ 215,000	$ 216,000
Meters - Paving	$ 92,116	$ 337,413	$ 250,000	$ 175,000	$ 275,000	$ 250,000	$ 250,000	$ 255,000
Meters - Repair/Replacement/Upgrade	$ 13,921	$ 4,948	$ 20,000	$ 5,000	$ 20,000	$ 21,000	$ 21,000	$ 22,000
Meters - Lateral Leaks	$ 58,347	$ 90,443	$ 150,000	$ 75,000	$ 150,000	$ 75,000	$ 60,000	$ 61,000
Meters - Trench Plate Rentals	$ -	$ 6,475	$ 2,000	$ 5,000	$ 2,000	$ 1,000	$ 1,000	$ 1,000
Meters - D-jobs	$ -	$ 9,710	$ 7,500	$ 7,500	$ 8,000	$ 8,000	$ 8,000	$ 9,000
Wells - Maintenance	$ 19,656	$ 27,331	$ 30,000	$ 35,000	$ 32,000	$ 33,000	$ 34,000	$ 37,000
Wells - Landscape	$ 13,510	$ 7,581	$ 10,000	$ 6,000	$ 6,000	$ 6,000	$ 6,000	$ 6,000
Wells - Rent	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300	$ 300
Booster Pump - Maintenance	$ 42,838	$ 58,700	$ 65,000	$ 25,000	$ 65,000	$ 70,000	$ 75,000	$ 77,000
Emergency Generators	$ 10,947	$ 11,712	$ 13,000	$ 22,000	$ 22,000	$ 22,500	$ 23,000	$ 23,500
Auto/Truck - Maintenance	$ 46,487	$ 76,727	$ 50,000	$ 65,000	$ 50,000	$ 50,000	$ 50,000	$ 51,000
Auto/Truck - Gas	$ 22,849	$ 25,875	$ 27,000	$ 27,000	$ 27,500	$ 28,000	$ 28,500	$ 29,000
Auto/Truck - Diesel	$ 15,664	$ 17,042	$ 17,500	$ 17,500	$ 18,000	$ 18,500	$ 19,000	$ 19,500
Inventory Shrinkage/(Overage)		$ 24,096						
TOTAL DISTRIBUTION SYSTEM EXPENSES	$ 749,752	$ 1,112,362	$ 1,149,800	$ 933,000	$ 1,146,000	$ 1,022,000	$ 1,002,500	$ 1,047,500

Water Budget Table WB-4 - Summary of Water O & M Expenses - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19
GENERAL AND ADMINISTRATIVE EXPENSES								
General Liability Insurance	$ 44,394	$ 46,256	$ 53,000	$ 53,000	$ 53,000	$ 56,000	$ 59,000	$ 62,000
Accounting - Audit	$ 7,428	$ 15,079	$ 13,000	$ 13,000	$ 13,000	$ 13,000	$ 14,500	$ 15,000
Legal Consulting Fees	$ 47,314	$ 42,935	$ 42,000	$ 80,000	$ 45,000	$ 46,000	$ 47,000	$ 48,000
Administrative Consultants	$ 64,705	$ 34,711	$ 120,000	$ 150,000	$ 120,000	$ 130,000	$ 130,000	$ 130,000
Election Expense	$ -	$ 36,751	$ -	$ -	$ 50,000	$ -	$ 60,000	$ -
Office Maintenance	$ 12,390	$ 10,135	$ 10,000	$ 10,000	$ 15,000	$ 16,000	$ 17,000	$ 18,000
Landscape Maintenance - Office	$ 9,643	$ 5,129	$ 5,500	$ 5,000	$ 5,500	$ 6,000	$ 6,500	$ 7,000
Office Supplies & Misc Expenses - Office	$ 3,905	$ 5,459	$ 5,500	$ 5,000	$ 5,500	$ 5,500	$ 6,000	$ 6,000
Computer Hardware	$ 16,431	$ 21,660	$ 26,000	$ 26,000	$ 27,000	$ 28,000	$ 30,000	$ 31,000
Computer Software	$ 15,368	$ 18,067	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 41,000
Computer Software Maintenance/Licenses	$ 22,229	$ 17,551	$ 20,000	$ 20,000	$ 20,000	$ 21,000	$ 22,000	$ 23,000
Utilities - Office	$ 16,383	$ 17,698	$ 19,000	$ 20,500	$ 20,000	$ 21,000	$ 21,000	$ 21,500
Phones and Communications - Office	$ 34,585	$ 24,475	$ 27,000	$ 27,000	$ 28,000	$ 29,000	$ 30,000	$ 31,000
Cell Phones - Office	$ 15,284	$ 15,078	$ 16,500	$ 16,500	$ 17,000	$ 17,500	$ 18,000	$ 18,500
Printing, Postage, Stationery, Copier Maint.	$ 47,394	$ 41,638	$ 38,000	$ 38,000	$ 38,000	$ 38,500	$ 39,000	$ 39,500
Uncollectible Accounts-Water	$ -	$ 9,190	$ 3,000	$ 3,000	$ 3,000	$ 3,500	$ 3,500	$ 4,000
Water System Fees (DHS, RWQCB, LAFCO, Misc)	$ 36,217	$ 47,454	$ 80,000	$ 53,000	$ 70,000	$ 71,000	$ 72,000	$ 73,000
Engineering Department	$ 12,356	$ 10,511	$ 15,000	$ 10,500	$ 11,500	$ 12,500	$ 13,500	$ 14,500
Water Conservation	$ 35,580	$ 31,208	$ 60,000	$ 40,000	$ 50,000	$ 51,000	$ 52,000	$ 53,000
Pipeline/Advertising - Water Conservation	$ -	$ -	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Turf Rebates - Water Conservation	$ 13,649	$ 51,061	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 110,000	$ 50,000
Washer & Toilet Rebates - Water Conservation	$ 5,325	$ 50	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Community Outreach	$ -		$ 15,000	$ 5,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
Training - Office	$ 12,006	$ 5,931	$ 12,000	$ 8,000	$ 8,000	$ 8,500	$ 9,000	$ 9,500
Conferences and Seminars - Office	$ 9,137	$ 10,260	$ 12,000	$ 12,000	$ 13,000	$ 14,000	$ 15,000	$ 16,000
Board of Directors - Conferences and Seminars	$ 1,685	$ 3,216	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,200
Misc Administration - Office	$ 4,266	$ 2,598	$ 5,000	$ 10,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
Board of Directors - Misc Administration	$ 1,710	$ 1,286	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500
Membership Renewals/Subscriptions	$ 21,889	$ 23,501	$ 25,000	$ 30,000	$ 31,000	$ 32,000	$ 33,000	$ 34,000
Interest Expense	$ -	$ -	$ 10,000	$ -	$ -	$ -	$ -	$ -
Bank Charges	$ 11,082	$ 12,818	$ 12,000	$ 13,000	$ 13,500	$ 14,000	$ 14,500	$ 15,000
Rental Property	$ 113	$ -	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000	$ 3,000
TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	$ 523,420	$ 561,706	$ 736,000	$ 825,000	$ 853,500	$ 830,500	$ 909,000	$ 807,200
Emergency Operations	$ -	$ -	$ 3,000	$ -	$ 3,000	$ 3,000	$ 4,000	$ 5,000
FIRE & DEBRIS RECOVERY	$ -	$ -	$ 3,000	$ -	$ 3,000	$ 3,000	$ 4,000	$ 5,000
TOTAL EXPENSE	$ 4,335,811	$ 4,704,474	$ 5,267,800	$ 4,896,500	$ 5,453,500	$ 5,396,750	$ 5,534,250	$ 5,540,700
Total O & M Expense (w/o Labor & Benefits)	$ 1,636,637	$ 2,062,186	$ 2,306,800	$ 2,186,500	$ 2,443,000	$ 2,319,250	$ 2,397,750	$ 2,359,200

Water Budget Table WB-5 Water - Purchase Water & Power - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Purchased Water - FWMD (ac-ft)	1,582	1,308	*1,900*	1,958	1,365	1,080	1,105	1,020	865
Projected FMWD Cost	$ 2,233,668	$ 3,150,800	*$ 2,732,149*	$ 2,833,572	$ 2,219,355	$ 1,993,255	$ 2,096,882	$ 2,055,372	$ 1,998,771
Purchased Water - GWP (ac-ft)	0	0	*0*	0	395	540	495	420	465
Projected GWP Cost	$ -	$ -	*$ -*	$ -	$ 177,750	$ 243,000	$ 222,750	$ 189,000	$ 209,250
Purchased Power Cost	$ 636,754	$ 658,340	*$ 678,000*	$ 656,200	$ 676,000	$ 696,000	$ 717,000	$ 739,000	$ 761,000
SCE	*$ 261,107*	$ 287,697	*$ 293,962*	*$ 260,700*	*$ 268,521*	*$ 276,577*	*$ 284,874*	*$ 293,420*	*$ 302,223*
Glendale	*$ 391,207*	$ 379,783	*$ 389,134*	*$ 395,500*	*$ 407,365*	*$ 419,586*	*$ 432,174*	*$ 445,139*	*$ 458,493*
Constellation Credit	*$ (15,561)*	$ (9,141)	*$ (5,000)*	$ (5,000)	$ -	$ -	$ -	$ -	$ -
% Increase/Decrease - Import Water	8.7%	41.1%	*-5.3%*	-10.1%	-21.7%	-10.2%	5.2%	-2.0%	-2.8%
% Increase/Decrease - Power Cost	2.2%	3.4%	*3.0%*	-0.3%	3.0%	3.0%	3.0%	3.0%	3.0%
Power cost/ac-ft	$133	$138	*$151*	$156	$165	$166	$167	$168	$169

Water Budget Table WB - 6 Water Capital Outlay & Equipment - FY 15/16 - Preliminary

Description	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Software (Spring Brook) - Fixed Assets		$ 11,250	$ 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	
Upgrade SCADA Equipment (SCADA 1A & 1B)	$ 29,255							
Upgrade Computer Hardware	$ 14,952	$ 20,000	$ 20,000	$ 52,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
Main Office - Roof		$ 30,000	$ -					
Main Office - Seismic Upgrades		$ 50,000	$ -					
Main Office - Upgrades				$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Glenwood - Roof								
Misc.		$ 5,000	$ 2,000	$ 4,250	$ 3,750	$ 4,000	$ 4,000	$ 4,000
CO Total	**$ 45,735**	$ 116,250	**$ 33,250**	**$ 85,000**	**$ 70,000**	**$ 59,000**	**$ 59,000**	**$ 44,000**
Capital - Equipment								
Emergency Generator - 70 kW (Field)		$ 15,750	$ -					
Vehicle Replacement - Unit 5	$ 44,533							
Vehicle Replacement - Unit 7	$ 25,661							
Vehicle Replacement - Unit 12	$ 23,245							
Vehicle Replacement - Unit 24 (Includes Valve Turning Equip.)		$ 68,000	$ 64,982					
Vehicle Replacement - Unit 13		$ -	$ 21,650					
Vehicle Replacement - Annual				$ 55,000	$ 55,000	$ 75,000	$ 75,000	$ 75,000
CE Total	**$ 125,936**	$ 83,750	**$ 86,632**	**$ 55,000**	**$ 55,000**	**$ 75,000**	**$ 75,000**	**$ 75,000**
CO & CE - Total	**$ 171,671**	$ 200,000	**$ 119,882**	**$ 140,000**	**$ 125,000**	**$ 134,000**	**$ 134,000**	**$ 119,000**

Water Budget Table WB -7 Water - Capital Improvement Projects - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	*Budget FY 2014-15*	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Water Supply	$ 221,186	$ 352,370	*$ 600,000*	$ 570,345	$ 520,000	$ 160,000	$ 550,000	$ 440,000	$ 200,000
Water Storage	$ -	$ 350,043	*$ -*	$ 88,400	$ 15,000	$ 700,000	$ 310,000	$ 265,000	$ 200,000
Water Distribution	$ 760,964	$ 641,526	*$ 1,183,000*	$ 794,010	$ 825,000	$ 775,000	$ 850,000	$ 1,495,000	$ 1,415,000
Water Treatment	$ -	$ -	*$ 43,000*	$ -	$ -	$ -	$ -	$ -	$ 50,000
Technology	$ 16,000	$ 21,847	*$ 174,000*	$ 94,900	$ 485,000	$ 330,000	$ -	$ -	$ -
Public Safety/Emergency Response	$ -	$ -	*$ -*	$ -	$ -	$ -	$ -	$ -	$ 100,000
Facilities & Planning	$ 14,331	$ -	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
Total CIP	$ 1,012,481	$ 1,365,786	*$ 2,000,000*	$ 1,547,655	$ 1,845,000	$ 1,965,000	$ 1,710,000	$ 2,200,000	$ 1,965,000

Water Budget Table WB - 8 Water Reserve Targets - FY 15/16 - Preliminary

Description	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
Rate stabilization (a)	$ 1,715,000	$ 1,888,000	$ 1,902,000	$ 1,775,000	$ 1,874,000	$ 2,077,000	$ 2,284,000	$ 2,446,000	$ 2,502,000
Emergency fund (b)	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000
Labor & benefits	$ 2,699,174	$ 2,642,288	$ 2,961,000	$ 2,710,000	$ 3,010,500	$ 3,077,500	$ 3,136,500	$ 3,181,500	$ 3,221,500
Power	$ 636,754	$ 658,340	$ 678,000	$ 656,200	$ 676,000	$ 696,000	$ 717,000	$ 739,000	$ 761,000
Operating expenses	$ 1,541,048	$ 2,062,186	$ 2,306,800	$ 2,186,500	$ 2,443,000	$ 2,319,250	$ 2,397,750	$ 2,359,200	$ 2,436,650
O & M Costs	$ 4,876,975	$ 5,362,814	$ 5,945,800	$ 5,552,700	$ 6,129,500	$ 6,092,750	$ 6,251,250	$ 6,279,700	$ 6,419,150
Working cash (c)	$ 812,829	$ 893,802	$ 990,967	$ 925,450	$ 1,021,583	$ 1,015,458	$ 1,041,875	$ 1,046,617	$ 1,069,858
Total target cash reserves	$ 3,278,000	$ 3,532,000	$ 3,643,000	$ 3,450,000	$ 3,646,000	$ 3,842,000	$ 4,076,000	$ 4,243,000	$ 4,322,000

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 15/16 - Preliminary

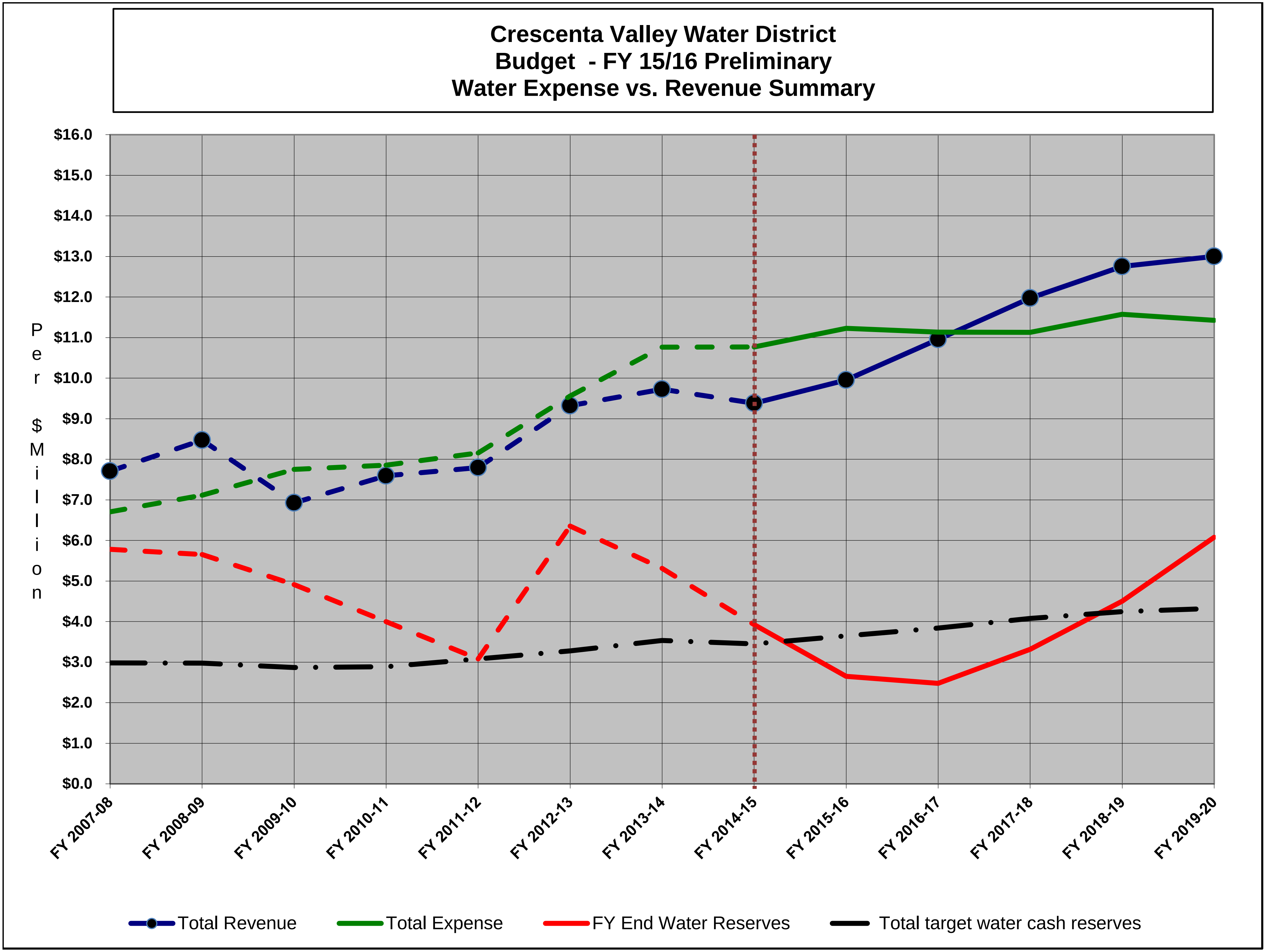
Description	Recorded FY 2012-13	Recorded FY 2013-14	*Budget FY 2014-15*	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
MTBE - Income									
MTBE Settlement	$ 6,595,233	$ 6,872,846	*$ 6,837,072*	$ 6,837,072	$ -	$ -	$ -	$ -	$ -
MTBE - Interest Income (Included in Table WB-3)[a]	$ -	$ -	*$ -*	$ 139,431	$ 138,439	$ 136,247	$ 135,255	$ 134,263	$ 133,271
Total Income	$ 6,595,233	$ 6,872,846	*$ 6,837,072*		$ -	$ -	$ -	$ -	$ -
MTBE - Expense									
Reimbursement to CVWD General Fund	$ 3,815,700	$ -	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
Lab Expense	$ 70,533	$ 62,427	*$ 75,000*	$ 72,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
Labor Expense	$ -	$ -	*$ -*	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000	$ 12,000
Administrative Consultant	$ -	$ -	*$ -*	$ -	$ -	$ 75,000	$ -	$ -	$ -
Transfer of PERS Side Fund to Water/Wastewater Fund	$ 720,992	$ -	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -
Total Expense	$ 4,607,225	$ 62,427	*$ 75,000*	$ 84,000	$ 62,000	$ 137,000	$ 62,000	$ 62,000	$ 62,000
Increase (Decrease) to Fund	$ 1,988,008	$ 6,810,419	*$ 6,762,072*	$ (84,000)	$ (62,000)	$ (137,000)	$ (62,000)	$ (62,000)	$ (62,000)
MTBE Reserve Fund									
FY Begin Available MTBE Reserve Funds	$ 6,595,233	$ 1,988,008	*$ 1,988,008*	$ 8,798,427	$ 8,714,427	$ 8,652,427	$ 8,515,427	$ 8,453,427	$ 8,391,427
FY End Available MTBE Reserve Funds	$ 1,988,008	$ 8,798,427	*$ 8,750,080*	$ 8,714,427	$ 8,652,427	$ 8,515,427	$ 8,453,427	$ 8,391,427	$ 8,329,427

Note:

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

Water Budget Table WB-9 - Total Sources - FY 15/16 - Preliminary

FY 15/16 - Preliminary	Recorded FY 2012-13	Recorded FY 2013-14	Budget FY 2014-15	Projected FY 2014-15	Budget FY 2015-16	Forecast FY 2016-17	Forecast FY 2017-18	Forecast FY 2018-19	Forecast FY 2019-20
REVENUE									
Service Readiness Charge Revenue	$ 1,633,352	$ 1,731,323	$ 1,830,000	$ 1,836,000	$ 1,988,000	$ 2,154,000	$ 2,317,000	$ 2,428,000	$ 2,431,000
Metered sales of water (CVWD Costs)	$ 4,300,707	$ 4,843,462	$ 4,869,000	$ 4,544,000	$ 5,001,000	$ 5,753,000	$ 6,521,000	$ 7,108,000	$ 7,270,000
Required metered sales of water (FMWD Costs)	$ 2,558,664	$ 2,619,953	$ 2,738,000	$ 2,555,000	$ 2,495,000	$ 2,555,000	$ 2,616,000	$ 2,677,000	$ 2,738,000
Interest Income - Water Reserves	$ 76,308	$ 125,914	$ 75,000	$ 75,000	$ 77,000	$ 79,000	$ 81,000	$ 83,000	$ 85,000
Interest Income - MTBE Reserves	$ -	$ -	$ 139,000	$ 139,000	$ 138,000	$ 136,000	$ 135,000	$ 134,000	$ 133,000
Source of Funds - Other Sources	$ 122,607	$ 170,754	$ 138,000	$ 137,000	$ 146,500	$ 154,500	$ 162,500	$ 168,500	$ 176,000
Sources of Funds - CIP Sources	$ 196,674	$ 170,898	$ 95,000	$ 95,000	$ 110,000	$ 125,000	$ 140,000	$ 155,000	$ 170,000
Transfer from MTBE Fund for PERS Side Fund	$ 432,595	$ 62,427	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Transfer from Wastewater	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL REVENUE	$ 9,320,907	$ 9,724,731	$ 9,884,000	$ 9,381,000	$ 9,955,500	$ 10,956,500	$ 11,972,500	$ 12,753,500	$ 13,003,000
OPERATIONS & MAINTENANCE (O & M) EXPENSE									
Labor & Benefits	$ 2,699,174	$ 2,642,288	$ 2,961,000	$ 2,710,000	$ 3,010,500	$ 3,077,500	$ 3,136,500	$ 3,181,500	$ 3,221,500
Purchased Water (FMWD)	$ 2,233,668	$ 3,151,636	$ 2,732,000	$ 2,834,000	$ 2,219,000	$ 1,993,000	$ 2,097,000	$ 2,055,000	$ 1,999,000
Purchased Water (GWP)	$ -	$ -	$ -	$ -	$ 178,000	$ 243,000	$ 223,000	$ 189,000	$ 209,000
Power	$ 636,754	$ 658,340	$ 678,000	$ 656,200	$ 676,000	$ 696,000	$ 717,000	$ 739,000	$ 761,000
Operating expenses	$ 1,541,048	$ 2,062,186	$ 2,306,800	$ 2,186,500	$ 2,443,000	$ 2,319,250	$ 2,397,750	$ 2,359,200	$ 2,436,650
Total O & M Expense	$ 7,110,643	$ 8,514,450	$ 8,677,800	$ 8,386,700	$ 8,526,500	$ 8,328,750	$ 8,571,250	$ 8,523,700	$ 8,627,150
Debt Service (principal & interest)	$ 616,038	$ 612,400	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000	$ 614,000
Total O & M Expense + Debt Service	$ 7,726,681	$ 9,126,850	$ 9,291,800	$ 9,000,700	$ 9,140,500	$ 8,942,750	$ 9,185,250	$ 9,137,700	$ 9,241,150
Cash Available for Capital - [Revenue - (Total O & M Expense + Debt Service)]	$ 1,594,227	$ 597,881	$ 592,200	$ 380,300	$ 815,000	$ 2,013,750	$ 2,787,250	$ 3,615,800	$ 3,761,850
CAPITAL OUTLAY, LIABILITIES and CAPITAL PROJECTS									
Capital Outlay & Equipment	$ 287,942	$ 171,671	$ 200,000	$ 119,882	$ 140,000	$ 125,000	$ 134,000	$ 134,000	$ 119,000
PERS Side Fund	$ 432,595	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
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)	$ 1,012,481	$ 1,365,786	$ 2,000,000	$ 1,547,655	$ 1,850,000	$ 1,965,000	$ 1,710,000	$ 2,200,000	$ 1,965,000
Additional Cap Improvements from settlement funds		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total - Capital Outlay, CIP, CIP Fund & Future Liability	$ 1,833,018	$ 1,637,457	$ 2,300,000	$ 1,767,537	$ 2,090,000	$ 2,190,000	$ 1,944,000	$ 2,434,000	$ 2,184,000
INCREASE (DECREASE) TO CASH	$ (544,087)	$ (1,039,576)	$ (1,707,800)	$ (1,387,237)	$ (1,275,000)	$ (176,250)	$ 843,250	$ 1,181,800	$ 1,577,850
FY begin available Water Reserves	$ 3,080,907	$ 6,352,520	$ 5,235,907	$ 5,312,944	$ 3,925,708	$ 2,650,708	$ 2,474,458	$ 3,317,709	$ 4,499,509
Recovery of MTBE Costs from Settlement	$ 3,815,700	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
FY End Water Reserves	$ 6,352,520	$ 5,312,944	$ 3,532,108	$ 3,925,708	$ 2,650,708	$ 2,474,458	$ 3,317,709	$ 4,499,509	$ 6,077,360
TOTAL TARGET WATER CASH RESERVES	$ 3,278,000	$ 3,532,000	$ 3,643,000	$ 3,450,000	$ 3,646,000	$ 3,842,000	$ 4,076,000	$ 4,243,000	$ 4,322,000
Above or (below) Target Reserves	$ 3,074,520	$ 1,780,944	$ (110,892)	$ 475,708	$ (995,292)	$ (1,367,542)	$ (758,291)	$ 256,509	$ 1,755,360
Effective date of water rates	7/1/12	7/1/13	7/1/14	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19
Projected Rate Increase for Service Charge	3.1%	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.7%	0.0%
Service rates ($/month for 3/4" meter)	$ 16.20	$ 17.10	$ 18.10	$ 18.10	$ 19.60	$ 21.20	$ 22.80	$ 23.90	$ 23.90
Projected Rate Increase for Quantity Charge	3.1%	5.6%	5.8%	5.8%	8.2%	8.2%	7.4%	4.7%	0.0%
Quantity Charge: ($/kgal)	$ 5.05	$ 5.33	$ 5.64	$ 5.64	$ 6.10	$ 6.60	$ 7.09	$ 7.42	$ 7.42
FMWD Quantity Charge: ($/kgal)	$ 1.90	$ 1.90	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03	$ 2.03
CVWD Quantity Charge: ($/kgal)	$ 3.15	$ 3.43	$ 3.61	$ 3.61	$ 4.07	$ 4.57	$ 5.06	$ 5.39	$ 5.39


Crescenta Valley Water District
Budget - FY 15/16 Preliminary
Water Expense vs. Revenue Summary
$16.0
$15.0
$14.0
$13.0
$12.0
$11.0
$10.0
$9.0
$8.0
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
Per $ Million
FY 2007-08
FY 2008-09
FY 2009-10
FY 2010-11
FY 2011-12
FY 2012-13
FY 2013-14
FY 2014-15
FY 2015-16
FY 2016-17
FY 2017-18
FY 2018-19
FY 2019-20
Total Revenue
Total Expense
FY End Water Reserves
Total target water cash reserves

INFO ITEM

California has entered fourth year of drought, water experts say

IRVINE >> State water officials are preparing for the fourth straight year of drought and are readying more restrictive water conservation measures under an extension of the governor's water emergency plan.

Rainfall, snowpack and runoff estimates are way below average, indicating the state will continue in drought-emergency mode throughout the year, state and regional water experts told a gathering of 120 water managers Wednesday at a forum sponsored by the Southern California Water Committee and the National Water Research Institute.

While water agencies and cities have pushed conservation in 2013 and 2014, including more uses for recycled water for irrigating ball fields and golf courses, the missing ingredient is rain water, said Grace Chen, manager of resource planning and development for Metropolitan Water District of Southern California.

As a result, MWD drew down reservoirs from a record high of 2.7 million acre-feet in 2012 to only 1.2 million acre-feet of storage remaining today, Chen said. The agency, which provides water to 19 million Southern Californians, meets an annual demand of 4 million acre feet. (An acre-foot equals 326,000 gallons, enough to supply a family of four for a year).

About 1 million acre-feet of ground water — essentially natural reservoirs underground — was pumped last year, Chen said.

"We are hoping for a March miracle but I'm not sure how to make that happen," Chen said, only half-joking. Depending on rainfall amounts in the next 45 days, the MWD's board will consider setting a limited allocation for each of its 26 member agencies in April, she said. Likewise, the State Water Resources Control Board will most likely vote to extend the governor's emergency declaration at its March 17 meeting, said Eric Oppenheimer, SWRCB's director of Office of Research Planning.

The state board's July emergency plan mandates outdoor watering restrictions and prohibits washing your car without a hose with a nozzle. New restrictions being mulled include: an across-the-state limit on outdoor watering to one day a week; requiring recycled water for commercial outdoor watering; leak detection teams and requiring water bills be written in easy-to-understand language.

Oppenheimer, who helps manage the reporting of water use and conservation from 411 urban water agencies, said the staff is recommending changes to the emergency water ordinance but said the specific measures have not yet been listed.

Peter Brostrom, with the state Department of Water Resources, told water managers from cities and retail water districts to dust off conservation plans. "We fully expect to see a lot of changes with these contingency plans," he said.

The most alarming index in the state's water supply picture is snowpack, or lack thereof. Snowpack in the Sierra is at 20 percent of normal for February, said Jeanine Jones, interstate water manager for the Department of Water Resources, which oversees water resources for the Colorado River and California.

"The words that come to mind are dismal, poor, horrible, abysmal," she said. "It has been so warm, the snowpack has been melting. This is not supposed to happen in February."

Melting snowpack supplies California with about two-thirds of its water supply. The runoff forecast from April through July ranges from 27 percent for the Kern River inflow to 46 percent at Oroville, one of the largest reservoirs in the state, according to the DWR. Lake McClure in the San Joaquin Valley remains at 8 percent capacity.

Lack of runoff has kept the allocation from the State Water Project to Southern California at 15 percent, slightly higher than 5 percent allowed last year, a record low.

While December and February rains have helped some, in particular the Folsom Reservoir which is at 100 percent of average for February, storms were too warm, too isolated and too short to break the drought, Jones explained.

California needs much more rain and snow to counter 2014, the fourth driest water year in 114 years of record keeping, or the years 2012-2014, the three driest in state history, worse than the Dust Bowl years of 1922-24.

Right now, time is running out on the winter rainy season.

"This is not looking good for our water supplies for this summer," Jones said.

About the Author

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Information Item

Feb. 25, 2015

ACWA-Sponsored Bill Introduced on Chromium-6 Compliance

Legislation sponsored by ACWA was introduced today to provide a carefully monitored process for public water systems to work toward compliance with the state's new drinking water standard for chromium-6.

Public water systems are committed to meeting the standard, which is the first of its kind in the nation, but the timeline provided for compliance does not recognize the complex steps water systems must take to achieve the standard. The steps involved – from designing appropriate treatment systems to securing financing to building and testing new treatment facilities – can take up to five years or more and cost millions of dollars.

To address this challenge, ACWA is sponsoring SB 385 by Sen. Ben Hueso (D-San Diego). The bill would authorize the State Water Resources Control Board (SWRCB) to grant a time-limited variance to public water systems that meet strict conditions and demonstrate they are taking needed steps to comply with the standard by the earliest feasible date. The variance would not exempt any water systems from compliance or delay steps a water system must take to achieve compliance. The SWRCB oversees the state's water quality and is responsible for enforcing the chromium-6 standard.

Four legislators already have signed on as co-authors of the bill. Principal co-authors include Assembly Members Eduardo Garcia (D-Coachella) and Luis Alejo (D-Salinas), and co-authors include Sens. Anthony Cannella (R-Ceres) and Jeff Stone (R-Riverside County).

"For California's public water systems, delivering water that meets or surpasses all state and federal drinking water standards is job one," ACWA Executive Director Timothy Quinn said in a news release issued today. "Unfortunately, some water systems will be deemed out of compliance with the new chromium-6 standard in 2015 even though it was not feasible for them to install appropriate treatment facilities to comply within the very short timeline provided.

"SB 385 does not seek to weaken the chromium-6 standard or delay its implementation. It simply creates a path for water systems to work toward compliance without being deemed in violation as long as strict safeguards are met. This is critical to ensuring that ratepayer funds are spent on needed treatment systems and not on potential enforcement actions and litigation," Quinn said.

California's drinking water standard for chromium-6 took effect on July 1, 2014. It established a maximum contaminant level (MCL) of 10 parts per billion (ppb) for chromium-6 in drinking water. Chromium-6 is a mineral that can occur naturally in the environment or be introduced from industrial activities such as corrosion control or metal plating.

For some public water systems, construction of extensive new treatment facilities is needed to comply with the chromium-6 MCL. The regulation establishing the standard required public water systems to begin monitoring for chromium-6 by Jan. 1, 2015, just six months after the regulation went into effect. Many affected water systems will be deemed in violation of the new standard in 2015 even though it was not feasible to install appropriate treatment systems to comply with the MCL within the time period provided. In some cases, land may need to be acquired, water rates may need to be raised, and financing may need to be secured before construction of facilities can even begin.

SB 385 would provide a time-limited process for a water system to work toward compliance without being deemed in violation as long as strict safeguards are met. This is critical if water systems are to obtain lower-cost financing and ensure that ratepayer funds are spent on needed treatment systems and not enforcement-related actions and litigation.

Safeguards provided by SB 385 include:

- **Required Compliance Plan**: A water system must submit a compliance plan to the SWRCB.
- **Milestone Dates:** The plan must demonstrate the actions the water system is taking and will take and the milestone dates for those actions.
- **Earliest Feasible Date/Time Limit:** The plan must demonstrate compliance by the earliest feasible date, which cannot exceed five years from the date on which compliance otherwise would be required.
- **Funding Plan:** The plan must include the water system's best estimate of the funding required and the actions the water system will take to secure the funding.
- **SWRCB Action:** The SWRCB must act affirmatively to either approve or deny the variance.
- **Notice to Customers:** The water system must provide notice to its customers at least twice per year summarizing the actions it is taking to comply with the standard and including information on alternative sources of drinking water.
- **Annual Report Review:** Following approval of the variance, the water system must update the SWRCB annually in a written report on the status of the actions in the approved compliance plan. The report must be approved by the SWRCB. If the SWRCB disapproves the report, the variance will no longer apply if the water system fails to submit a revised plan or report within 60 days or submits a revised plan or report that is subsequently disapproved.
- **Bill Sunset:** The variance authorization will sunset automatically on Jan. 1, 2020.

A fact sheet and FAQ on SB 385 are available at www.acwa.com.

Questions about SB 385 may be directed to ACWA Deputy Executive Director for Government Relations Cindy Tuck at cindyt@acwa.com.

ACWA-Sponsored CEQA Notification Bill Also Introduced

ACWA is co-sponsoring a bill that would streamline the notification process for certain water projects subject to the California Environmental Quality Act (CEQA).

AB 291 by Assembly Member Jose Medina (D-Riverside) would allow a local agency that is implementing a multi-county water project to satisfy CEQA's notification requirement by posting a notice on the CEQAnet website (http://www.ceqanet.ca.gov/) and with the county clerk in the agency's home county. Under current law, local agencies must post notices with the county clerk in each county that may be affected by the water project, which can present significant logistical challenges.

AB 291 would not create any new exemptions to CEQA or otherwise change how local agencies analyze the environmental impacts of water projects under CEQA. It would improve public access to notice for many water projects by making them available on CEQAnet.

The McGeorge Law School Legislative and Public Policy Clinic is a co-sponsor of the bill.

Questions about AB 291 may be directed to ACWA Legislative Advocate Whitnie Wiley at whitniew@acwa.com.

Written Comm

CALIFORNIA
Water Boards

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FEB 17 2015

CRESCENTA VALLEY
WATER DISTRICT

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board
Division of Drinking Water

February 13, 2015

Dennis Erdman
Crescenta Valley Cwd
2700 Foothill Blvd.
La Crescenta, CA 91214

Dear Dennis Erdman:

SYSTEM NO. 1910028 – ANNUAL REPORT FOR CALENDAR YEAR 2014 AND INFORMATION UPDATE

Annual Reports:

It is again time to report to the State Water Resources Control Board's (SWRCB) Division of Drinking Water (DDW), formerly the California Department of Public Health (CDPH), on the operation of your water system during the past year (2014). This annual report is intended to provide DDW with updated information regarding your water system, including contact information, population served, number of service connections, modifications made in the previous year, etc. Technical information included in this report is required of all water utilities regulated by DDW per Section 116530 of the California Health and Safety Code. Your accurate and timely completion of this report is appreciated.

Since 2010, DDW (CDPH at the time) has implemented an electronic process for submitting the mandatory Annual Report to the Drinking Water Program, now called the eARDWP. Starting last year, DDW also began collecting data for the Department of Water Resources' (DWR) annual Public Water System Statistics (PWSS) survey to simplify water supplier data reporting and address redundant reporting to different state agencies. The data collected assists with state and regional planning. Your accurate and timely completion of this report is appreciated.

You may find that some of the report is "pre-populated" with information from our database and from your 2013 eARDWP. Please check this information to make sure it is still correct and current.

If you are not a registered user on the DRINC Portal:
In order to ensure the integrity of the information collected, we have implemented an on-line registration process to ensure that only valid water system representatives can access the online report. To access the eARDWP online page, please go to the following link for our DRINC Portal at http://drinc.ca.gov and then select the Electronic Annual Report link on the left-hand side of the page or go directly to http://drinc.ca.gov/ear/ and **Register**. You need only register once to complete reports for multiple systems for which you are responsible. Within three to five days after you have registered and Metropolitan District staff has reviewed your registration, you will receive an email to allow you access to start a report for your public water system(s).

If you registered last year:
If you have previously registered, you do not need to register again to begin completing the 2014 eARDWP. Simply login to the eARDWP Portal using your user name (email address) and password; then go to the **MY EAR REPORTS** tab. Each previously submitted report will have a link on this page. At the bottom of the page is a link to start the 2014 eARDWP.

If you need to add another water system to your registered list:
You must ensure you are registered for each water system for which you must submit a report. *To register for a new system*, you must login to the eARDWP Portal using your user name (email address) and password, then go to the **MY PROFILE** tab and add a water system from the list. Within three to five days after you have added the new water system to your list, and Metropolitan District staff has reviewed your registration, you will receive an email to allow you access to start a report for that new public water system. You may begin creating the 2014 eARDWP for any water systems that have prior approval while you are waiting for the approval for the newly added water system.

If you forgot your password or changed email addresses:
Password: You must first login using your user name (email address). When you are at the screen requiring your password, click on the link **Forgot Password?**. Your password will be forwarded to your email account.

Email Address: If your email address has changed, you must re-register to create a new account with the updated email address. You should then connect the water system(s) to the new account for which you need to submit a 2014 eARDWP.

Any documents that you wish to accompany the eARDWP, such as an updated Bacteriological Sample Siting Plan or Operations Plan, must be submitted in hard copy to **the DDW Glendale Office. The due date for submittal of the electronic Annual Report to the Drinking Water Program is April 1, 2015.**

The Frequently Asked Questions (FAQ) is posted on the eARDWP portal. If you have any questions that are not addressed in the FAQ related to the 2014 eARDWP, please contact us at (818) 551-2004 or send an email to DRINC@*waterboards.ca.gov*. If you do not have access to the Internet and cannot complete the form online, please call your assigned DDW engineer to request a paper copy.

Emergency Notification Plan:

A blank copy of the Emergency Notification Plan (ENP) form is enclosed. An electronic version may be requested from Jasmine Ho by e-mailing her at Jasmine.Ho@waterboards.ca.gov. Please complete the blank form with the required information and submit a copy to the **DDW Glendale Office**.

Please ensure that the ENP for your water system includes procedures for direct notification for schools, hospitals, healthcare/treatment centers, day care centers, convalescent homes and other critical facilities. In addition, the ENP must contain both day and evening contact information for your water system personnel.

Any laboratory conducting analyses for your compliance monitoring program must be able to contact your personnel at any hour to report problematic results. We suggest giving the laboratory a copy of your ENP, which contains day and evening numbers for both water system and DDW personnel.

SWRCB W-9 Form

Because the transfer of the Drinking Water Program from CDPH to the State Water Resources Control Board, many water systems have inquire how to obtain a copy of the SWRCB W-9 Form. To obtain an up-to-date copy of the W-9 Form, please visit the following webpage: http://www.waterboards.ca.gov/resources/fees/water_quality/.

If you have any questions about this letter, please contact us at (818) 551-2004.

Sincerely,

Chi Diep, P.E.
District Engineer
Metropolitan District

Enclosure

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board
Division of Drinking Water

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility: ______________________________

Physical Location/Address: ______________________________

The following persons have been designated to implement the plan upon notification by the Division of Drinking Water (DDW) of the State Water Resources Control Board (SWRCB) that an imminent danger to the health of the water users exists:

Water Utility: Contact Name & Title	Email Address	Telephone Day	Telephone Evening	Telephone Cell
1.				
2.				
3.				

The implementation of the plan will be carried out with the following State DDW and County Health Department personnel:

	State DDW & County Health Department: Contact Name & Title	Telephone Day	Telephone Evening
1.	Chi Diep, P.E., District Engineer SWRCB, Division of Drinking Water	(818) 551-2016 Fax (818) 551-2054	M (213) 309-3822
2.	Lolito Bagtasos, Sanitary Engineer	(818) 551-2035	(562) 879-6219
	Susan Brownstein, P.E., Associate Sanitary Engineer	(818) 551-2039	(310) 709-9060
	Karen Wong, P.E., Associate Sanitary Engineer	(818) 551-2037	(626) 833-3828
	Juan Arriola, P.E., Associate Sanitary Engineer	(818) 551-2034	(310) 963-9644
	Thomas Tsui, P.E., Associate Sanitary Engineer	(818) 551-2036	(626) 757-4262
	SWRCB, Division of Drinking Water		
3.	Jacqueline Taylor, Director	(626) 430-5280	(213) 270-5568
	Richard Lavin, Chief of Small Water Systems Program Bureau of Environmental Protection Los Angeles County Department of Public Health Local Primacy Agency 5050 Commerce Drive Baldwin Park, CA 91706-1423	(626) 430-5420	(213) 270-5568

4. If the above personnel cannot be reached, contact:

Office of Emergency Services Warning Center (24 hrs) (800) 852-7550 or (916) 845-8911
When reporting a water quality emergency to the Warning Center, please ask for the California State Water Resources Control Board – Division of Drinking Water Duty Officer.

NOTIFICATION PLAN

Attach a written description of the method or combination of methods to be used (radio, television, door-to-door, sound truck, etc.) **to notify customers in an emergency.** For each section of your plan give an estimate of the time required, necessary personnel, estimated coverage, etc. Consideration must be given to special organizations (such as schools), non-English speaking groups, and outlying water users. Ensure that the notification procedures you describe are practical and that you will be able to actually implement them in the event of an emergency. Examples of notification plans are attached for large, medium and small communities.

Report prepared by:

______________________________ ______________________________
Signature and Title Date

PLAN I (Medium Community)

During regular working hours our people will contact the news media at television station KXYZ to broadcast the necessary warning. The local radio stations will also be contacted. The television and radio personnel are available at all hours. As a follow-up measure, we will also contact the Daily Bee, a local newspaper that serves both Ourtown and Hometown.

The warnings will be issued in both English and Spanish to cover all members of the community. Outlying areas of the water service area (such as Isolated Canyon and Lonesome Mountain subdivisions) will also be notified by sound truck and/or handbill distributed to their respective areas. Both of these areas are very small and this can be done quite quickly.

A special telephone answering service can also be quickly set up at the utility headquarters (using the regular company numbers) to answer questions that will come in from consumers. Questions are anticipated, especially from the Hometown area, because that area is served by three different water companies. A map will be available to the telephone answering personnel to determine the water company serving the caller.

It is anticipated that the time for notification to the television and radio audiences will be very short. The areas served by handbill and sound truck will also be notified within an hour. For notification to be issued in other than normal hours, the same media will be contacted and an announcement will be scheduled for as long as is necessary. A sound truck(s) will be used in the early morning hours to quickly alert the people not listening to their radio or television.

PLAN II (Small Community)

Our community is very small and the most efficient means of notification will be both sound truck and handbill. It is estimated that the entire service area can be covered in less than three hours.

PLAN III (Large Community)

The same plan as implemented in Plan I should be used here with the exceptions noted. All the news media will be contacted in the entire metropolitan area. This includes all television and radio stations and all local and general area newspapers. Maps have been prepared to be distributed to the media to locate the boundaries of the water company. This system is large enough that it may only be necessary to notify some of the water users. This information will be transmitted to the media and an answering service at the water company will respond to consumers' calls. Unless the problems are limited to isolated areas it is unreasonable to assume that contact can be made through sound truck or handbill.

CRESCENTA VALLEY WATER DISTRICT
BOARD OF DIRECTORS - STAFF REPORT

February 27 2015
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

- February 1 – 28 (Estimate) – Water Production – 56%/ 44% split – 92.3 MG for the month Average use – 7.7% less than 2014 and 0.9% more than 5-yr average

2. Rainfall Update

- 0.92" for February 2015
- Rainfall total for Rainfall Year 2014/15 – 8.62"

3. Report on Engineering

- **CIP Projects**
  - Well Rehabilitation, E-934 – Well 11 – Back in Service
  - Ocean View Chlorination Project
    - Building – Advertising for Bids
    - Equipment – Under Design
  - Oak Creek MCC –
    - Construction to start – March 9, 2015
    - MCC to be delivered by middle of July 2015
  - Pipeline Replacement - 8-inch water main - Complete
  - Sewer Relining Project – Complete
- **Crescenta Valley County Park - Local Groundwater Assistance Grant**
  - Monitoring Wells
    - MW-1 – 60 feet to Bedrock; Complete
    - MW-2 – 130 feet to Bedrock – to be completed by March 4, 2015
- **Well 16 – Prop. 84 – Drought Relief Grant**
  - Design
    - Working on RFQ’s for MCC, Pre-Fab Building & Pump & Motor Assembly
  - Waiting on Agreement with LAFCD
- **Ocean View Overflow/Drain Line**
  - Design – Setting up meeting LCF to review proposal for hydrology & hydraulics study
- **FMWD Issues**
  - No Report
- **ULARA**
  - No Report
- **La Canada Flintridge – Water Committee**
  - No Report
- **As-Needed Consulting Services**
  - DMc Engineering - Water Service Laterals – Design – 30% complete
  - SA Associates - Recycled Water Feasibility Study – 20% complete
  - GEI Consulting - Surge Tank – Finalizing Proposal

- **<u>Water Meter Replacement Program</u>**
  - FY 14/15 Water Meter Replacement Program – Replaced 511 meters to date
  - Staff reviewing alternatives to accelerate meter replacement

4. <u>Report on Administrative and Field Operations</u>

- **<u>Wells - Status</u>**
  - Well production capacity increased to 2.5 MGD
  - Installing Flow Control Valve at Well 9 in March 2015
- **<u>Booster Pumps</u>**
  - No Report
- **<u>Water Quality</u>**
  - No Report
- **<u>Reservoirs/Booster Stations</u>**
  - Grading for installation of storage bin at Edmond #1 for CV Ready

5. <u>Field Maintenance & Operations – February 18 – 27, 2015</u>

- **<u>Water lateral leaks & repairs</u>**
  - 2841 Stevens
  - 2941 Sycamore
  - 2246 Waltonia
  - 2917 Highridge
  - 3903 Ocean View
  - 2514 Mary
  - 5120 La Crescenta
  - 3053 Los Olivos
  - 3040 Los Olivos
- **<u>Water Main Leaks</u>**
  - No Report
- **<u>Fire Hydrant Replacement</u>**
  - No Report
- **<u>Sewer Maintenance</u>**
  - 5100 block of Pennsylvania
  - 3000 blocks of Parham, Daver & Henrietta
  - 3000 blocks of Gertrude & Frances
  - 3000 & 3100 blocks of Brookhill & Orange

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

February 1 - February 28, 2015

Well Production:	50,269,394	Gals		
Gravity Production:	1,255,000	Gals	% GW	56%
Purchased Water:				
FMWD:	40,575,875	Gals		
City of Glendale:	215,378	Gals	% Import	44%
TOTAL:	92,315,647	Gals		
	283.31	ac-ft		
Glenwood Nitrate Water Reclamation Plant:*	10,419,076	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Phase 1 Change
February 1, 2015 - February 28, 2015	3,296,987			
February 1, 2014 - February 28, 2015	3,570,369	-7.7%		
5-yr Average - February 2010 - 2014	3,267,497	0.9%		
PHASE I CONSERVATION May 1, 2014 through February 28, 2015			3,932,906	
BASELINE CONSERVATION May 1, 2001 through February 28, 2002			5,315,888	-26.0%

RAINFALL: February 1 - February 28, 2015 0.92"

Season-To-Date: 8.62"

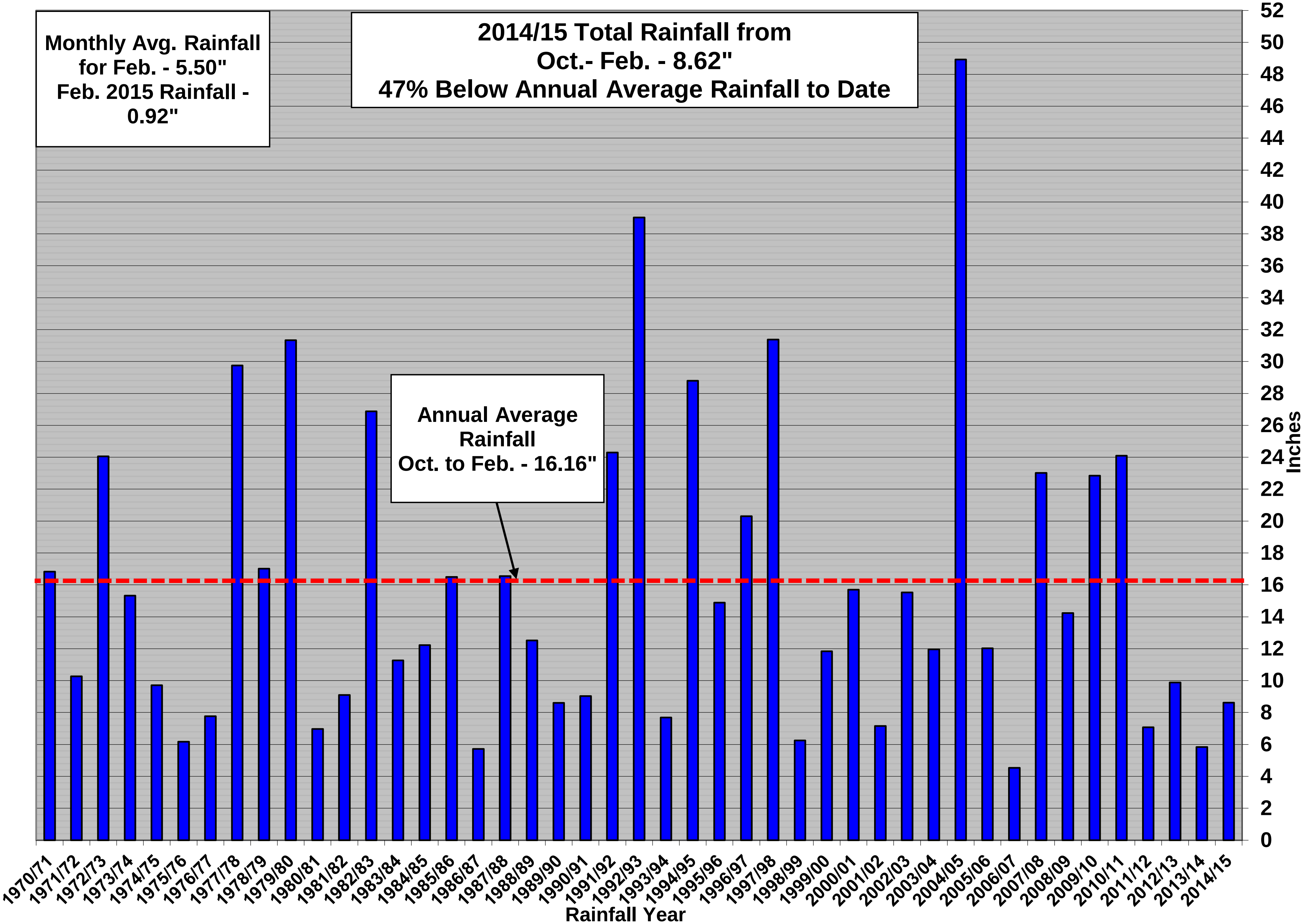
2014/15 Fiscal Year Water Production			**Groundwater Production Water Rights**		**Purchased Water Production Tier 2 Allocation**		**Purchased Water Water Supply Allocation Plan**	
Month	**Actual Total Water Production (ac-ft)**	**Projected Total Water Production (ac-ft)**	**Month**	**Well Production (ac-ft)**	**Month**	**Imported Water Production (ac-ft)**	**Month**	**Imported Water Production (ac-ft)**
July	**426**	**450**	**October**	**212**	**January**	**127**	**January**	**127**
August	**406**	**460**	**November**	**191**	**February***	**125**	**February***	**125**
September	**401**	**430**	**December**	**159**	**March**		**March**	
October	**386**	**410**	**January**	**175**	**April**		**April**	
November	**320**	**330**	**February***	**158**	**May**		**May**	
December	**255**	**310**	**March**		**June**		**June**	
January	**303**	**300**	**April**		**July**		**July**	
February*	**283**	**300**	**May**		**August**		**August**	
March	**355**	**355**	**June**		**September**		**September**	
April	**360**	**360**	**July**		**October**		**October**	
May	**385**	**385**	**August**		**November**		**November**	
June	**410**	**410**	**September**		**December**		**December**	
Total to Date	2,780	2,990	Total to Date	895	Total to Date	252	Total to Date	252
Projected	4,290	4,500	Water Rights	3,294	Tier 2	2,154	WSAP	1,968
% of Projected	61.8%	66.4%	% of Rights	27%	% of Allocation	12%	% of Allocation	13%
Remaining	1,720	1,510	Remaining	2,399	Remaining	1,902	Remaining	1,716

NOTE:

Blue Numbers - Estimate Total Water Production

***Estimate for February 2015**

Monthly Rainfall - 1970/71 - 2014/15 (Oct.- Feb.)



Revised Date: 2/27/2015