

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 February 2, 2016 at 7:00 p.m.**

Posted: January 29, 2016 at 3:00 p.m.

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

Call to Order and Determination of Quorum

Pledge of Allegiance

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 January 19, 2016.

Action Calendar

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

1. **Appeal of High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Ms. Eileen Kuse at 3235 Mills Ave.
2. **8-Inch Water Main Replacement on the 2600 Block of Harmony Place, 3900 Block of Park Place, and 3700 Block of Glenwood Ave - Project E-960** Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, GRFCO, Inc. for the water main replacement on the 2600 Block of Harmony Place, 3900 Block of Park Place, and 3700 Block of Glenwood Ave at a cost of \$250,950 and establish a contingency amount of \$25,100 (10% of contract) to cover the cost of unforeseen or additional work.
3. **10-Inch Water Main Replacement on the 2800 Block of Prospect Ave and 4400 Block of Glenwood Ave -Project E-961** - Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, GRFCO, Inc. for the water main replacement on the 2800 Block of Prospect Ave and 4400 Block of Glenwood Ave at a cost of \$181,500 and establish a contingency amount of \$18,200 (10% of contract) to cover the cost of unforeseen or additional work
4. **Discussion Regarding SB-814** – Discussion regarding pending legislation SB-814.

5. **Water and Wastewater Cost of Service Study, Project M-958** – Discussion of Water and Wastewater Cost of Service Study.
6. **General Manager Outside Employment** – Discussion and possible action on proposed outside consulting arrangement for the General Manager.
7. **Discussion Regarding Signs on District Property** – Discussion regarding signs posted on District property in violation of Section 12.10 of the Rules and Regulations.

Information Items

Written Communications to District

Staff Reports

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

Attorney Report

Reports of Committees

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

Director's Oral Reports

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

Closed Session

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

Board Members' Request for Future Agenda Items

Adjournment

**CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS**

January 19, 2016

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Regular Meeting of January 5, 2016, an Adjourned Regular Meeting was held on January 19, 2016, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California, with President Kerry D. Erickson presiding.

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

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

PLEDGE OF ALLEGIANCE

President Erickson opened the meeting by asking Director Claessens to lead 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 January 19, 2016 be adopted as presented.

PUBLIC COMMENT – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Kathy Ross reported on the meeting held January 19, 2016 and said a representative from MWD gave an Integrated Resource Plan (IRP) presentation. MWD needs to shift their focus towards education programs for outdoor water usage and landscape services. The Directors cast their vote for the LAFCO Representative for Mr. Mel Matthews. She also reported that FMWD's audit is complete.

CONSENT CALENDAR

It was moved by Director Claessens, seconded by Director Bodnar and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on January 5, 2016, and ratify the disbursements for December 2015 which consisted of:

Payment of demands against the Crescenta Valley Water District on or before December 31, 2015 the same having been approved by the General Manager, Thomas A. Love, and heretofore paid, be ratified and approved subject to audit, in the aggregate sum of Six Hundred Eighty One Thousand Seven Hundred Thirty Three Dollars and Twenty Three cents (681,733.23), which is composed of the individual items set forth herein.

ACTION CALENDAR

Water and Wastewater Cost of Service Study, Project M-958 – Mr. Gould gave a presentation to the Board on the Water and Wastewater Cost of Service Study. They discussed goals for the updated water rate structure, alternative rate structures, the current water rate structure, and a comparison of rate structures and rate designs. The Board asked several questions, and requested more information for further discussion and the next board meeting

LAFCO Special District Alternate Representative Ballot –

It was moved by Director Bodnar, seconded by Director Claessens and carried by a 5-0 vote to cast the District's ballot for the LAFCO Special District Representative for Mr. Mel Matthews.

Fiscal Year 2015/16 Second Quarter Budget Review – Mr. Love discussed with the Board the Second Quarter Budget Review. He discussed the lower water production and that water demands are below the conservation target which results in reduced revenue. Staff is evaluating operational changes to increase groundwater production, and additional cost reductions are being evaluated.

INFORMATION ITEMS – LA Times: Water regulators propose further relaxation of conservation requirements.

WRITTEN COMMUNICATIONS TO DISTRICT – Water Education for Latino Leaders sent a flyer regarding a conference to be held on March 4-5, 2016 regarding water policy priorities with other water district directors, mayors, councilmembers, and county supervisors from around California.

REPORTS OF PERSONNEL

SECRETARY-TREASURER – Mr. Mitchell provided the summary Recap of Investments for Fiscal Year 2015/16.

GENERAL MANAGER – Mr. Love reported that water production of 2.83 MGD represents a 26% reduction in water use from 2013. The District remains in compliance of the State mandate. District water production for the period June 2015 to December 2015 was 694 million gallons compared with 981 million gallons in 2013, which is a 29% reduction.

This month there are three employment anniversaries: Joe Huerta - 30 years, Dave Spain - 29 years, and David Rawlings – 4 years. As of December 31st, the District has worked 570 days without a lost time accident.

DISTRICT ENGINEER

Water Production – For the period of January 1 through January 17, 2016, water production averaged 45.2 million gallons per day, which is **16.1% less** than the daily average production of the same period in 2015. This is **22.0% less** from the daily average production of the previous five years. SWRCB Conservation – 29.3% less than June 2013- February 2014 period.

Rainfall: January 2016	3.73”
Season-to-date:	5.72”

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

Rainfall Update – 3.73” for January 2016. Rainfall total for 2015-16 is at 5.72”.

Report on Engineering:

CIP Projects – Ocean View Chlorination Project – Building – Mobilization – Early February 2016. Pipeline Projects – Bid opening date: January 27, 2016. Well 16 – Pipeline & Building – Building & Facilities – Building to be completed by January 26, 2016. Electrical and Pump installed the week of January 25, 2016. Dedication Ceremony – TBA. Pickens Canyon Slope Repair – Brush clearance – week of January 25, 2016. Start construction week of February 1, 2016. Wastewater Lift Station – Emergency Electrical Generator – Bid opening date: January 27, 2016.

Water and Wastewater Cost of Service – See staff report.

Nitrate Removal Treatment Facility at Well 2 Project – DWR approved Greater Los Angeles Region amount of \$27.2M. CVWD’s grant amount - \$705,774.45. Design re-started – 50% technical memorandum by March 4, 2016.

Crescenta Valley County Park Stormwater Recharge Facility Study – No report.

ULARA – Court date – January 15, 2016.

La Canada Flintridge – Water Committee – No Report.

Water Meter Replacement Program: FY 15/16 Water Meter Replacement Program – replaced 386 meters to date.

Report on Administrative and Field Operations:

Well Status – Well production capacity – Averaging 2.0 MGD for December.

Field Maintenance and Operations update for January 1 – January 15, 2016

Reservoir Site Maintenance – Complete Reservoir site assessments.

Water lateral leaks & repairs

- 3341 Encinal
- 2734 Paraiso Way

- 2615 Honolulu
- 2214 Del Mar
- 3317 Honolulu

Fire Hydrant Leak – No Report.

Water Main Leaks – No Report.

Reservoir Maintenance – No Report.

Sewer Maintenance – 5200 – 5300 Blocks of Ramsdell. 5000 Block of Cloud. 2900 – 3100 Blocks of Frances. 5100 Block of Daver & Parham. 5000 – 5300 Blocks of Pennsylvania. 2900 – 3000 Blocks of Henrietta. 3000 Block of Brookhill.

PROGRAM SPECIALIST – Ms. Scott reported on the FMWD shutdown that is scheduled for February 29, 2016 to March 10, 2016. She also provided an update for water conservation and the regulatory update.

Monitoring Report Submitted to State for December 2015:

Production Numbers

- | | |
|---|--------|
| • Total Water Production December 2015: | 287 AF |
| • Total Water Production December 2013: | 356 AF |
| • Percent Reduction: | 24.5% |
| • Residential Gallons per Capita per Day(R-GPCD) December 2015: | 88 |

Compliance Reporting

- | | |
|---------------------------------------|----|
| • Days of outdoor Irrigation Allowed: | 2 |
| • Number of Water Waster Complaints: | 12 |
| • Number of Follow-ups: | 12 |
| • Number of Warnings: | 12 |
| • Number of Penalties: | 0 |

Mandatory Water Reduction Goal

- | | |
|--|---------------------------|
| • Compliance Period: | June 2015 – February 2016 |
| • Compliance Goal | 380 AF |
| • Acre Feet Saved for July | 87 AF |
| • Acre Feet Saved to Date during compliance period | 867 AF |
| • Acre Feet Saved Beyond Required Target | 488 AF |

Turf Rebates: (FINAL NUMBERS)

- | | |
|--|-----------|
| • Pending Applications: | 0 |
| • CVWD Funds Remaining: | 0 |
| • Funds Submitted to MWD July 2014 to date | \$739,870 |
| • MWD outstanding: | \$94,800 |
| • Square Feet Removed | 371,035 |

Ms. Scott reported the UWMP will be due to the Department of Water Resources July 1, 2016. The last of the three table top exercises took place on December 10, 2015. On November 13, 2015, Governor Brown issued Executive Order B-36-15 which called for an extension of urban

water use restrictions until October 31, 2016 should drought conditions persist through January 2016. Also, SB 814 (Hill) was introduced this January to prevent unreasonable waste of water and would require water suppliers to take enforcement actions against excessive water users. The Board asked that this item be placed on the next agenda for discussion.

INFORMATION TECHNOLOGY – Mr. Hass reported they have been doing a mock stress test on the disaster recovery system, and the next step we will be doing a mock security penetration analysis.

ATTORNEY – Mr. Bunn reported ACWA has drafted a constitutional amendment to make an exemption for tiered rate from Proposition 218 and this is being reviewed by the Attorney General. The Public Records Act case where LADWP sued to stop MWD from releasing names on customers who received turf rebates, last fall a Judge granted a temporary restraining order to not release the names until he had a chance to review it; however his final decision was made that they do have to release the names. Also, Mr. Bunn reported on a Proposition 26 case against a wholesale water agency where a retail water agency is suing because the wholesale rate is in violating of Proposition 26. The court agreed with the retail agency eight months ago and now the Court of Appeals has also agreed.

REPORTS OF COMMITTEES

Engineering Committee – Mr. Gould reported that the Committee will meet on January 29, 2015 and 8:00 a.m.

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

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

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

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

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

DIRECTORS ORAL REPORTS

Director Claessens reported he is on a committee where they are planning the medians on Foothill Blvd.

Director Putnam – No Report

Director Tejeda – No Report

Director Bodnar – No Report

Director Erickson – No Report

CLOSED SESSION – No Reportable Action

ADJOURNMENT

There being no other business to come before the Board at 9:52 p.m., it was moved by Director Tejada, seconded by Director Claessens and carried that the meeting be adjourned to February 2, 2016 at 7:00 p.m.

APPROVED

Kerry D. Erickson
President

Ron L. Mitchell
Secretary-Treasurer

CRESCENTA VALLEY WATER DISTRICT BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
February 2, 2016

To: Honorable President and Members of the Board of Directors
From: Ron L. Mitchell – Secretary-Treasurer
Subject: Appeal of a High Water Bill

ACTION ITEM:

1. **Appeal of a High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by Ms. Eileen Kuse at 3235 Mills Ave.

BACKGROUND:

Ms. Eileen Kuse owns the property located at 3235 Mills Ave. and has lived there since 1971. Ms. Kuse's usage is consistently in middle to high tier 2, with a high of 33 units over the last five years. While reading for the August 1 to September 30, 2015 billing period, the meter reader discovered that water was passing through the meter at 1.9 gpm. He contacted a resident at the property and informed her of the leak and she indicated that they would contact a plumber to fix the leak. Staff sent a letter to the property indicating that there was potentially a problem at the residence and encouraged them to get the leak fixed. Ms. Kuse was billed for 109 units as a result of this leak in the amount of \$1,172.95.

On November 16, 2015 staff received a call from "Jody", who lives at the residence with Ms. Kuse, saying that they have a leak and would let us know when they figure it out and can make the repairs and they would like to set up payment arrangements.

Staff again read the meter for the October 1 to November 30, 2015 period on December 7th and it was noted that there was a leak at the property. The Meter Reader attempted to contact the residents but no one was home so he left a door hanger to contact the office. A re-read of the meter indicated that the leak was now 1.5 gpm. On December 16, 2015 Jody called the office and said that they had two plumbers out to the home but could not find the source of the leak. Ms. Kuse was billed for 166 units of water as a result of the leak in the amount of \$1,867.63. On December 17, 2015 staff received another call from Jody who said that they discovered that the source of the leak was that the main supply line to the home was broken at a deep level and that it was in the process of being fixed.

Staff received a letter dated January 14, 2016 (copy enclosed) from Craig Kuse (Eileen's son) requesting that the overage of water used during these two billing periods be charged at irrigation rates. This is the only request received for this matter and staff has not provided any leak adjustments at this time.

In similar situations, the Board has directed staff to recalculate the bill in question charging only tier 2 rates for all usage over the average consumption for that period. If staff uses that same methodology the average consumption for the September billing period for this account is 29 units and would not go into tier 4. Total consumption was 109 units which means that the extra 80 units would be billed at tier 2. Staff has prepared a "re-calculated billing" which shows the billing for the period would be \$747.89 instead of the \$1,172.95 which was billed or a difference of \$425.06.

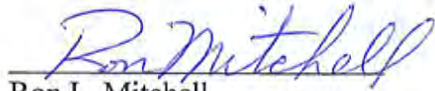
The average consumption for the November billing period for this account is 16 units and would not go into tier 3. Total consumption was 166 units which means that the extra 150 units would be billed at tier 2. Staff has prepared a "re-calculated billing" which shows the billing for the period would be \$1,100.52 instead of the \$1,882.63 which was billed or a difference of \$782.11.

Since staff has not applied any adjustments to the account, the additional credit would be \$1,207.17 (\$425.06+-\$782.11) if the Board were to choose this solution.

RECOMMENDATION:

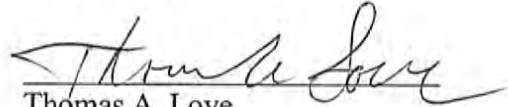
Staff recommends granting the request to recalculate the excess water usage at tier 2 rates for this account to be consistent with recent Board actions and is ready to place the remaining balance on an amortization schedule for Ms. Kuse.

Prepared by:



Ron L. Mitchell
Secretary-Treasurer

Submitted by:



Thomas A. Love
General Manager

Attachments:

g:\management\board meeting staff reports\2016\02-02-16 board memo - relief request 3235 Mills..docx

Eileen Kuse

Account #23948

818-242-7444

January 14, 2016

Ron Mitchell

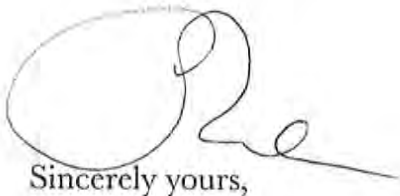
Crescenta Valley Water District
2700 Foothill Blvd, La Crescenta, CA 91214

Dear Mr Mitchell

I'm writing in regards for my Mother (Eileen) for the water leak on the property on Mills Ave. The plumber has replaced the water main from the street to the home now. We have the billing receipt for the work being completed.

I'm requesting for monthly normal average of water usage to be figured out and the amount over be charged a irrigation rate for this on time reduction in the water bill. My mom has been a customer since 1971 and has not requested any adjustments in the past 45 years that I'm aware of at the present time.

Can this be please placed onto the Tuesday Night Agenda meeting to get a one time exemption on her bill reduction. She can be present for any question of this matter at the time that is set up for her to come into the meeting.

A handwritten signature in black ink, appearing to read 'Craig Kuse', with a large, stylized initial 'C'.

Sincerely yours,

Craig Kuse

5705 Marchmont Lane Austin TX 78749

Contact number is 512-745-2843

(818) 790-6611

Lic. No. 431736

Date 4-22-15

		TOTAL MATERIALS	
		TOTAL LABOR	
		EQUIPMENT CHARGE	
DATE COMPLETED	WORK ORDERED BY	TOTAL AMOUNT	\$ 2290.98

LITTLEFIELD PLUMBING CO. will not warrant the finish on any faucets or fixtures,
or the following item(s) _____

☐ Total amount due immediately upon completion.



USAGE HISTORY

01/19/2016 - 3:11 PM

Current Customer: 023948-000

Established On: 5/27/1988

Route # 07

Name: RONALD KUSE

Address: 3235 MILLS

Meter #: 75115784

Meter Size: .75

Status: A

U/M: Gallons

Meter Install Date: 4/7/2014

2016		2015		2014		2013		2012	
Jan	0	Jan	11	Jan	15	Jan	9	Jan	12
Feb	0	Feb	0	Feb	0	Feb	0	Feb	0
Mar	0	Mar	16	Mar	14	Mar	12	Mar	14
Apr	0	Apr	0	Apr	0	Apr	0	Apr	0
May	0	May	16	May	24	May	27	May	20
Jun	0	Jun	0	Jun	0	Jun	0	Jun	0
Jul	0	Jul	25	Jul	25	Jul	27	Jul	28
Aug	0	Aug	0	Aug	0	Aug	0	Aug	0
Sep	0	Sep	109	Sep	26	Sep	27	Sep	33
Oct	0	Oct	0	Oct	0	Oct	0	Oct	0
Nov	0	Nov	166	Nov	17	Nov	19	Nov	13
Dec	0	Dec	0	Dec	0	Dec	0	Dec	0

AVG = 29

AVG = 16

**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA, CA 91214-3590

ACCOUNT NUMBER	SERVICE ADDRESS
023948-000	3235 Mills Ave
DUE DATE	10/01/15 to 11/30/15
TOTAL CHARGES	AMOUNT ENCLOSED
\$1,100.52	\$

Ronald Kuse
3235 Mills Ave.
La Crescenta, CA 91214-3336

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD.
LA CRESCENTA CA 91214-3590

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT
KEEP THIS PORTION FOR YOUR RECORDS

ACCOUNT NUMBER	SERVICE ADDRESS	DUE DATE	BILLING PERIOD
023948-000	3235 Mills Ave		10/01/15 to 11/30/15
METER NUMBER	CURRENT READ	PRIOR READ	USAGE
75115784	432	266	166

SUMMARY OF CHARGES

Previous Balance	\$0.00
Payment	\$0.00
Tier 1 - 10 x \$4.61 (Basic Usage)	\$46.10
Tier 2 - 15 x \$5.96 (Average Usage)	\$35.76
Tier 3 - 4 x 8.50 (High Usage)	\$0.00
Tier 4 - 0 x 8.75 (Excessive Usage)	\$0.00
Excess Water Used -80 x \$5.96	\$894.00
Fixed Service Charge	\$38.64
Glendale Tax	\$71.02
Adjustments	\$15.00
TOTAL DUE	\$1,100.52

RECALCULATED BILLING STATEMENT



**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590

ACCOUNT NUMBER

023948-000

SERVICE ADDRESS

3235 MILLS

DUE DATE

01/14/16

BILLING PERIOD

10/01/15 to 11/30/15

TOTAL CHARGES

\$2,783.91

AMOUNT ENCLOSED

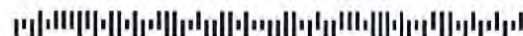
\$

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RONALD KUSE
3235 MILLS AVE
LA CRESCENTA CA 91214-3336

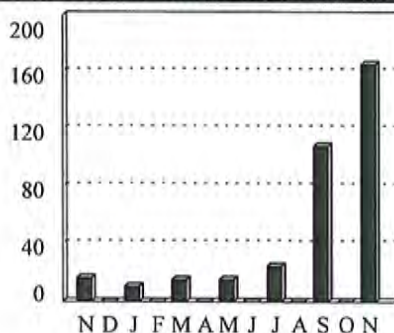
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



DETACH AND RETURN THIS REMITTANCE PORTION OF THE BILL WITH YOUR PAYMENT
KEEP THIS PORTION FOR YOUR RECORDS

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
023948-000	3235 MILLS	11/30/15	01/14/16	10/01/15 to 11/30/15	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
75115784		266	432	166	17

WATER USAGE in THOUSAND GALLONS**SUMMARY OF CHARGES**

Previous Balance	\$1,201.28
Payment on 12/01/2015	\$(300.00)
Water Charges	
Tier 1 - 10 x \$4.61 (Basic Usage 0-10 Units)	\$46.10
Tier 2 - 15 x \$5.96 (Average Usage 11-25 Units)	\$89.40
Tier 3 - 12 x \$8.50 (High Usage 26-37 Units)	\$102.00
Tier 4 - 129 x \$11.39 (Excessive Usage 38 +)	\$1,469.31
Fixed Service Charge	\$38.64
Sewer Charge	\$0.00
Glendale Utility Tax	\$122.18
Adjustments	\$15.00
TOTAL DUE	\$2,783.91

Handwritten: \$1,882.63

Handwritten: # 1,882.63

Due to the severity of the drought and mandatory water reductions from the State, the District is currently in Orange Alert. Outdoor watering is permitted only on Tuesday and Saturday before 9:00 a.m. and after 5:00 p.m. Hosing down any hardscape areas is prohibited. No watering or irrigating on days when the wind is blowing hard enough to cause overspray or during and 48 hours after a rain event. Residents can report waste of water on the District's website www.cvwd.com.



If you have questions regarding this bill or dispute the amount charged, the District's Rules and Regulations (Article 8.05G) permit you to submit a complaint or request an investigation. This process must be commenced by you delivering the complaint or request to the District in writing at least five (5) calendar days of receipt of this bill.

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA 91214

FOR MORE INFORMATION
VISIT OUR WEB SITE AT
www.cvwd.com

BILLING INQUIRIES: (818) 248-3925
OFFICE HOURS MON-FRI 8:00 AM - 4:30 pm
24 HR. EMERGENCY #: (818) 249-2185

**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA, CA 91214-3590

ACCOUNT NUMBER	SERVICE ADDRESS
023948-000	3235 Mills Ave
DUE DATE	
	08/01/15 to 09/30/15
TOTAL CHARGES	AMOUNT ENCLOSED
\$747.89	\$

Ronald Kuse
3235 Mills Ave.
La Crescenta, CA 91214-3336

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD.
LA CRESCENTA CA 91214-3590

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT

KEEP THIS PORTION FOR YOUR RECORDS

ACCOUNT NUMBER	SERVICE ADDRESS	DUE DATE	BILLING PERIOD
023948-000	3235 Mills Ave		08/01/15 to 09/30/15
METER NUMBER	CURRENT READ	PRIOR READ	USAGE
75115784	266	157	109

SUMMARY OF CHARGES

Previous Balance	\$0.00
Payment	\$0.00
Tier 1 - 10 x \$4.61 (Basic Usage)	\$46.10
Tier 2 - 15 x \$5.96 (Average Usage)	\$89.40
Tier 3 - 4 x 8.50 (High Usage)	\$34.00
Tier 4 - 0 x 8.75 (Excessive Usage)	\$0.00
Excess Water Used -80 x \$5.96	\$476.80
Fixed Service Charge	\$38.64
Glendale Tax	\$47.95
Adjustments	\$15.00
TOTAL DUE	\$747.89

RECALCULATED BILLING STATEMENT



**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590

ACCOUNT NUMBER

023948-000

SERVICE ADDRESS

3235 MILLS

DUE DATE

11/05/15

BILLING PERIOD

08/01/15 to 09/30/15

TOTAL CHARGES

\$1,201.28

AMOUNT ENCLOSED

\$

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RONALD KUSE
3235 MILLS AVE
LA CRESCENTA CA 91214-3336

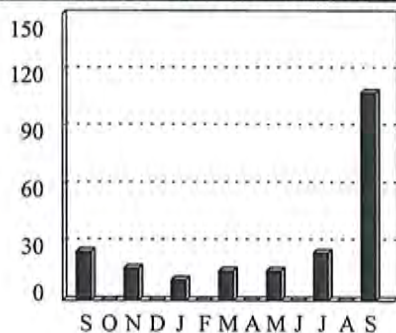
CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590



DETACH AND RETURN THIS REMITTANCE PORTION OF THE BILL WITH YOUR PAYMENT
KEEP THIS PORTION FOR YOUR RECORDS

STATEMENT OF ACCOUNT

ACCOUNT NUMBER	SERVICE ADDRESS	BILL DATE	DUE DATE	BILLING PERIOD	
023948-000	3235 MILLS	09/30/15	11/05/15	08/01/15 to 09/30/15	
METER NUMBER	COMMENTS	PRIOR READ	CURRENT READ	USAGE (IN 1,000 GAL)	USAGE LAST YEAR
75115784		157	266	109	26

WATER USAGE in THOUSAND GALLONS

Current
Usage

SUMMARY OF CHARGES

Previous Balance	\$183.33
Payment on 10/05/2015	\$(170.00)
Water Charges	
Tier 1 - 10 x \$4.61 (Basic Usage 0-10 Units)	\$46.10
Tier 2 - 15 x \$5.96 (Average Usage 11-25 Units)	\$89.40
Tier 3 - 12 x \$8.50 (High Usage 26-37 Units)	\$102.00
Tier 4 - 72 x \$11.39 (Excessive Usage 38 +)	\$820.08
Fixed Service Charge	\$38.64
Sewer Charge	\$0.00
Glendale Utility Tax	\$76.73
Adjustments	\$15.00
TOTAL DUE	\$1,201.28

\$1,172.95

Due to the severity of the drought and mandatory water reductions from the State, the District is currently in Orange Alert. Outdoor watering is permitted only on Tuesday and Saturday before 9:00 a.m. and after 5:00 p.m. Hosing down any hardscape areas is prohibited. No watering or irrigating on days when the wind is blowing hard enough to cause overspray or during and 48 hours after a rain event. Residents can report waste of water on the District's website www.cvwd.com.



If you have questions regarding this bill or dispute the amount charged, the District's Rules and Regulations (Article 8.05G) permit you to submit a complaint or request an investigation. This process must be commenced by you delivering the complaint or request to the District in writing at least five (5) calendar days of receipt of this bill.

CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA 91214

FOR MORE INFORMATION
VISIT OUR WEB SITE AT
www.cvwd.com

BILLING INQUIRIES: (818) 248-3925
OFFICE HOURS MON-FRI 8:00 AM - 4:30 pm
24 HR. EMERGENCY #: (818) 249-2185

Utility Billing

Comments by Status



User: hollw
 Printed: 01/19/2016 - 3:20 PM
 Comment Status: Closed
 Entry Dates: From: 10/09/2015 To: 10/09/2015

Entry Date	Close Date	Account No	Comment
10/09/2015	10/09/2015	005445-000	rr 10/8/15 no b/o rd 0064561
10/09/2015	10/09/2015	005517-000	rr 10/8/15 no b/o rd 1922120
10/09/2015	10/09/2015	005626-000	rr 10/8/15 no leaks rd 0825020
10/09/2015	10/09/2015	005812-000	rr 10/8/15 no leaks rd 0377710
10/09/2015	10/09/2015	005856-000	rr 10/8/15 no b/o rd 1655930
10/09/2015	10/09/2015	005972-000	rr 10/8/15 no b/o rd 0016341
10/09/2015	10/09/2015	006053-000	rr 10/8/15 no b/o rd 0829690
10/09/2015	10/09/2015	006092-000	rr 10/8/15 0.3 gpm rd 0985170, letter sent
10/09/2015	10/09/2015	006158-000	rr 10/8/15 no leaks rd 0813350
10/09/2015	10/09/2015	006253-000	rr 10/8/15 no b/o rd 0114974
10/09/2015	10/09/2015	006334-000	rr 10/8/15 no b/o rd 03886900
10/09/2015	10/09/2015	006610-000	rr 10/9/15 no leaks rd 0191793
10/09/2015	10/09/2015	007318-000	rr 10/8/15 no leaks rd 0474638
10/09/2015	10/09/2015	007371-000	rr 10/8/15 no leaks rd 0593485, new lawn seeded
10/09/2015	10/09/2015	007388-000	rr 10/8/15 no b/o rd 0033491
10/09/2015	10/09/2015	007467-000	rr 10/8/15 no leaks rd 0184523
10/09/2015	10/09/2015	007576-000	rr 10/8/15 0.001 gpm rd 0303376, letter sent
10/09/2015	10/09/2015	011698-000	rr 10/8/15 no leaks rd 0302990
10/09/2015	10/09/2015	011988-000	rr 10/8/15 no leaks rd 0761470
10/09/2015	10/09/2015	012043-000	rr 10/8/15 0.4 gpm rd 2109070, letter sent
10/09/2015	10/09/2015	012117-000	rr 10/8/15 no leaks rd 0192939
10/09/2015	10/09/2015	012157-000	rr 10/8/15 no b/o rd 1270830
10/09/2015	10/09/2015	017239-000	rr 10/8/15 no b/o rd 0625300
10/09/2015	10/09/2015	017304-000	rr 10/8/15 no leaks rd 2560380
10/09/2015	10/09/2015	017514-000	rr 10/8/15 no b/o rd 0045288
10/09/2015	10/09/2015	022465-000	rr 10/8/15 no leaks rd 0074375
10/09/2015	10/09/2015	022656-000	rr 10/8/15 no leaks rd 0116082
10/09/2015	10/09/2015	022706-000	rr 10/8/15 no leaks rd 0098821
10/09/2015	10/09/2015	022961-000	rr 10/8/15 0.3 gpm - 1.4 gpm rd 0581350, letter sent
10/09/2015	10/09/2015	022971-000	rr 10/8/15 no leaks rd 0374776
10/09/2015	10/09/2015	023198-000	rr 10/8/15 no leaks rd 0076206
10/09/2015	10/09/2015	023401-000	rr 10/8/15 no leaks rd 1075810, vacant for sale
10/09/2015	10/09/2015	023517-000	rr 10/8/15 no b/o rd 0176604
10/09/2015	10/09/2015	023688-000	rr 10/8/15 no b/o rd 0018970
10/09/2015	10/09/2015	023752-000	rr 10/8/15 no b/o rd 1453640
10/09/2015	10/09/2015	023800-000	rr 10/8/15 no leaks rd 0173832
10/09/2015	10/09/2015	023897-000	rr 10/8/15 3.3 gpm units rd 3804610
10/09/2015	10/09/2015	023932-000	rr 10/8/15 no b/o rd 0859580
10/09/2015	10/09/2015	023948-000	rr 10/8/15 1.9 gpm rd 0271886, PL spoke to Jodie, she will contact a plumber. Letter sent
10/09/2015	10/09/2015	024157-000	rr 10/8/15 0.3 gpm rd 0594430, letter sent
10/09/2015	10/09/2015	024206-000	rr 10/8/15 no b/o rd 0393821
10/09/2015	10/09/2015	024221-000	9/30/15 billed at '0' rd 4485640
10/09/2015	10/09/2015	024253-000	rr 10/8/15 no leaks rd 0118850
10/09/2015	10/09/2015	024317-000	rr 10/8/15 no b/o rd 1037110
10/09/2015	10/09/2015	024409-000	rr 10/8/15 no leaks rd 0063077
10/09/2015	10/09/2015	024503-000	rr 10/8/15 no b/o rd 3081410
10/09/2015	10/09/2015	024691-000	rr 10/8/15 no leaks rd 0162502



Crescenta Valley Water District

2700 Foothill Boulevard, La Crescenta, California 91214

Phone (818) 248-3925 Fax (818) 248-1659

Directors

Judy L. Tejada

James D. Bodnar

Kerry D. Erickson

Kenneth R. Putnam

Michael L. Claessens

Officers

Thomas A. Love, P.E.

General Manager

Ron L. Mitchell

Secretary-Treasurer

October 13, 2015

Ronald Kuse
3235 Mills
La Crescenta, CA 91214

RE: Possible Leak A/C #23948

Dear Customer:

The most recent reading of your water meter on September 30, 2015 indicates a substantially higher usage than your average consumption in a bi-monthly billing period. I have enclosed a copy of your five year consumption history for comparison. Each unit equals 1,000 gallons of water.

If you cannot account for this rise in usage, it is likely due to a leak in your plumbing system that you may not have discovered. We recommend that you check your plumbing system, such as stuck or mis-fitted toilet flapper plugs, dripping faucets, missing sprinkler heads, etc., and correct any leaks to avoid unnecessary loss of water and higher water bills.

This notice is provided as a service to help you avoid unnecessary costs and waste of a precious commodity in this time of water shortages. Because we are not responsible for the location or repair of leaks on your private property, we want to provide you with this information to help you to determine if there are actual leaks. If you have any questions regarding this notice, please contact our Customer Service Department at (818) 248-3925.

Sincerely,

CRESCENTA VALLEY WATER DISTRICT

Pam Leddy
Administrative Assistant

Utility Billing

Comments by Status



User: hollw
Printed: 01/19/2016 - 3:18 PM
Comment Status: Closed
Entry Dates: From: 10/05/2015 To: 10/05/2015

Entry Date	Close Date	Account No	Comment
10/05/2015	10/07/2015	016999-000	10/05 - Cesar was doing leak check and found 3/4 gpm leak, turned water, she had no shut off so he did turn the water off on our side. 10/07 - Plumber will fix it today.
10/05/2015	11/20/2015	014944-000	w/pay before 10-31-15
10/05/2015	11/20/2015	016014-000	paid half (\$165.00) and will pay balance 10/31
10/05/2015	11/20/2015	021003-000	10/5/15 Leak investigation - no late fee or shut off WH
10/05/2015	12/17/2015	023948-000	10/05 - balance will roll over to next bill. 11/16 - Had a leak, will let us know when they figure it out and can make repairs and set up payment arrangements 12/7/15 Steven read meter today and the read is 432 - prev 266 - 166,000 gals of water thru meter- it is registering 7/10 gpm leak - no one home Steve left DH 12/16 - DT s/w Jody, they have had two plumbers who cannot find leak, we will DL meter and S/O on their side
10/05/2015	12/28/2015	006151-000	jfa;ldkjfa;ldkf
10/05/2015	12/28/2015	006349-000	

Records Printed: 7

Utility Billing

Comments by Status



User: hollw
Printed: 01/19/2016 - 3:20 PM
Comment Status: Closed
Entry Dates: From: 12/17/2015 To: 12/17/2015

Entry Date	Close Date	Account No	Comment
12/17/2015	12/17/2015	023948-000	Talked to owner to the property - main line was broken down pretty deep.
12/17/2015	12/17/2015	023948-000	12/16 - s/w Jody (tenant) 1.5 gpm leak, read: 456089//24K already moved thru meter. Cesar Turned off @ cust side.
12/17/2015	12/17/2015	028567-000	12/17 - send a duplicate payment - check #350 for 354.63 need new #'s - mailed payment back
12/17/2015	12/18/2015	015307-000	12/17 - daughter gave Cesar \$100.00 - will be in to pay balance - please get updated mailing and contact information
12/17/2015	12/18/2015	015899-000	12/17 - \$35.00 NSF fee - roll over to next billing
12/17/2015	12/22/2015	014447-000	12/17 customer will be coming in to the office today to make a payment
12/17/2015	12/22/2015	028442-000	12/17 - check is in drawer - hold until 12/21

Records Printed: 7

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Award of Contract - 8-Inch Water Main Replacement on the 2600 Block of Harmony Place, 3900 Block of Park Place, and 3700 Block of Glenwood Ave, Project E-960

Action Item No. 2
February 2, 2016

ACTION ITEM:

1. **8-Inch Water Main Replacement on the 2600 Block of Harmony Place, 3900 Block of Park Place, and 3700 Block of Glenwood Ave - Project E-960** Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, GRFCO, Inc. for the water main replacement on the 2600 Block of Harmony Place, 3900 Block of Park Place, and 3700 Block of Glenwood Ave at a cost of \$250,950 and establish a contingency amount of \$25,100 (10% of contract) to cover the cost of unforeseen or additional work.

PROJECT DESCRIPTION:

CVWD is proceeding with its annual water main pipeline replacement program for FY 15/16 with the replacement of old and leaky pipelines. Staff determined from the pipeline ranking and estimated construction costs that pipelines at the following locations need to be replaced (See attached project location map):

- 3900 block of Park Place between Waltonia Ave and Verdugo Blvd
- 3700 Block of Glenwood Ave between Honolulu Ave and Oakendale Ave
- 2600 Block of Harmony from the intersection of Harmony Place and Rosemont to the westerly end of the cul-de-sac

DISCUSSION:

On December 8, 2015, the Board authorized the General Manager to advertise for bids for the subject project. A mandatory pre-bid meeting was held on January 20, 2016, which was attended by ten (10) contractors. CVWD specifications indicate that only contractors who attend this meeting are allowed to bid on the project.

On January 27, 2016, at 2:00 PM, the District opened and read the following bid proposals for this project:

	<u>Bidder</u>	<u>Total Bid Amount</u>
Low	GRFCO, Inc.	\$250,950
2	Dominguez General	\$392,000
3	MNR Construction Inc	\$396,760
4	Toro Construction	\$491,730
5	J. A. Salazar Construction	\$502,000
6	Mike Bubalo Construction	No Bid
7	J. DeSigio Construction	No Bid
8	Brkich Construction	No Bid
9	E & R Construction	No Bid
10	Minco Construction	No Bid

GRFCO, Inc of Brea was the apparent lowest responsible bidder for the project. The engineer's estimate was \$250,950 and the low bid was 23.2% lower than the engineer's estimate of \$397,400.

Staff has not worked with GRFCO on any previous projects. GRFCO provided a list of references and staff contacted the City of Arcadia, City of Pasadena, California Department of Parks and Recreation, City of Santa Fe Springs, and Helix Water District for verification. All references expressed a high level of satisfaction with jobs recently completed and would work with GRFCO; however, they were slow on providing paperwork.

RECOMMENDATION:

It is staff's recommendation to award the contract for the subject project to the lowest responsible bidder, GRFCO, Inc at a cost of \$250,950.

A pre-construction meeting will be set as soon as the contract is awarded, the agreement is signed, and insurance documents have been delivered. We anticipate construction beginning in late February 2016 on the 3900 Block of Park Place and the project concluded by early May 2016. Ms. Christina Olmedo will be the project manager and Mr. Cory Whitman will be the field inspector.

Staff will be holding a Community meeting on February 11, 2016 to discuss the project and the construction schedule to minimize any inconvenience to the residents. In addition, staff will be sending out letters to residents informing them of the upcoming construction, posting a description of the project and a construction schedule on CVWD's website and sending out a press release to the local newspaper about the upcoming project.

ENVIRONMENTAL REVIEW:

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

FUNDING AVAILABILITY:

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

Account Description	Amount
FY 15/16 Water CIP– Water Distribution	\$655,000
Pipeline Contractor Cost	<\$250,950>
Unforeseen or additional work	<\$25,100>
Additional costs such as material purchase by CVWD, soils engineer, engineering & inspection labor costs	<\$85,000>
Total Cost Estimate	<\$361,050>
Amount Remaining in Water CIP – Distribution System	\$293,950

Prepared by:


Christina Olmedo
Assistant Engineer

Submitted by:


David S. Gould, P.E.
District Engineer

Attachments:

1. Bid Summary – Total for E-960 & E-961
2. Bid Summary – E-960

CRESCENTA VALLEY WATER DISTRICT

Page 1 of 1

Title: Construction of 8-inch Water Mains on the 2600 block of Harmony Pl.,
3900 Park Pl., 3700 block of Glenwood Ave and 10-inch Water Main
on the 2800 block of Prospect Ave and the 4400 block of Glenwood

BID LOCATION:

CVWD's Office

E-Job No: E-960 & E-961
Engineer's Estimate: \$628,550
Project Manager: Christina Olmedo

TIME: 2:00 PM
DATE: 1/27/16
BY: CO CHECKED: DSG DATE: 1/27/16

			Engineers Estimate		GRFCO Inc		Dominguez		MNR		Toro		JA Salazar	
ITEM	DESCRIPTION	QUANTITY	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Excavation and backfill	3,760 LF	\$55.00	\$206,800.00	\$5.00	\$18,800.00	\$80.00	\$300,800.00	\$18.00	\$67,680.00	\$93.50	\$351,560.00	\$60.00	\$225,600.00
2	Resurfacing Trench	11,300 SF	\$15.00	\$169,500.00	\$2.00	\$22,600.00	\$10.00	\$113,000.00	\$7.20	\$81,360.00	\$11.20	\$126,560.00	\$7.50	\$84,750.00
3	8" CML & CMC Steel Pipe	1,625 LF	\$50.00	\$81,250.00	\$85.00	\$138,125.00	\$50.00	\$81,250.00	\$134.00	\$217,750.00	\$63.00	\$102,375.00	\$115.00	\$186,875.00
4	10" CML & CMC Steel Pipe	920 LF	\$55.00	\$50,600.00	\$95.00	\$87,400.00	\$50.00	\$46,000.00	\$140.00	\$128,800.00	\$67.00	\$61,640.00	\$115.00	\$105,800.00
5	Install 6" Fire Hydrant Assembly	6 EA	\$3,000.00	\$18,000.00	\$4,700.00	\$28,200.00	\$5,000.00	\$30,000.00	\$7,600.00	\$45,600.00	\$3,380.00	\$20,280.00	\$14,500.00	\$87,000.00
6	Furnish and Install 1" Water Services including Fittings and appurtenances	39 EA	\$2,000.00	\$78,000.00	\$1,800.00	\$70,200.00	\$700.00	\$27,300.00	\$1,400.00	\$54,600.00	\$830.00	\$32,370.00	\$2,100.00	\$81,900.00
7	Furnish and Install 2" Water Services including Fittings and appurtenances	1 EA	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$3,300.00	\$3,300.00	\$2,290.00	\$2,290.00	\$3,500.00	\$3,500.00
8	Sample Station Assembly	2 EA	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$4,400.00	\$8,800.00	\$1,220.00	\$2,440.00	\$3,500.00	\$7,000.00
9	Traffic Control	1 LS	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$46,000.00	\$46,000.00	\$7,000.00	\$7,000.00
10	Replace Valve													
			EE	\$628,550.00	LOW	\$410,325.00	2ND	\$610,350.00	3RD	\$617,890.00	4TH	\$745,515.00	5TH	\$789,425.00

CRESCENTA VALLEY WATER DISTRICT

Page 1 of 1

Title: Construction of 8-inch Water Mains on the 2600 block of Harmony Pl.,
3900 Park Pl., 3700 block of Glenwood Ave

BID LOCATION:

CVWD's Office

E-Job No: E-960

Engineer's Estimate: \$397,400

Project Manager: Christina Olmedo

TIME:

2:00 PM

DATE:

1/0/00

BY: CO

CHECKED: DSG DATE: 1/0/00

			Engineers Estimate		GRFCO Inc		Dominguez		MNR		Toro		JA Salazar	
ITEM	DESCRIPTION	QUANTITY	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Excavation and backfill	2,400 LF	\$55.00	\$132,000.00	\$5.00	\$12,000.00	\$80.00	\$192,000.00	\$18.00	\$43,200.00	\$93.50	\$224,400.00	\$60.00	\$144,000.00
2	Resurfacing Trench	7,300 SF	\$15.00	\$109,500.00	\$2.00	\$14,600.00	\$10.00	\$73,000.00	\$7.20	\$52,560.00	\$11.20	\$81,760.00	\$7.50	\$54,750.00
3	8" CML & CMC Steel Pipe	1,650 LF	\$50.00	\$82,500.00	\$85.00	\$140,250.00	\$50.00	\$82,500.00	\$134.00	\$221,100.00	\$63.00	\$103,950.00	\$115.00	\$189,750.00
4	10" CML & CMC Steel Pipe	0 LF	\$55.00	\$0.00	\$95.00	\$0.00	\$50.00	\$0.00	\$140.00	\$0.00	\$67.00	\$0.00	\$115.00	\$0.00
5	Install 6" Fire Hydrant Assembly	3 EA	\$3,000.00	\$9,000.00	\$4,700.00	\$14,100.00	\$5,000.00	\$15,000.00	\$7,600.00	\$22,800.00	\$3,380.00	\$10,140.00	\$14,500.00	\$43,500.00
6	Furnish and Install 1" Water Services including Fittings and appurtenances	25 EA	\$2,000.00	\$50,000.00	\$1,800.00	\$45,000.00	\$700.00	\$17,500.00	\$1,400.00	\$35,000.00	\$830.00	\$20,750.00	\$2,100.00	\$52,500.00
7	Furnish and Install 2" Water Services including Fittings and appurtenances	1 EA	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$3,300.00	\$3,300.00	\$2,290.00	\$2,290.00	\$3,500.00	\$3,500.00
8	Sample Station Assembly	2 EA	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$4,400.00	\$8,800.00	\$1,220.00	\$2,440.00	\$3,500.00	\$7,000.00
9	Traffic Control	1 LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$46,000.00	\$46,000.00	\$7,000.00	\$7,000.00
10	Replace Valve													
			EE	\$397,400.00	LOW	\$250,950.00	2ND	\$392,000.00	3RD	\$396,760.00	4TH	\$491,730.00	5TH	\$502,000.00

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Award of Contract - 10-Inch Water Main Replacement on the 2700 Block of Prospect Ave and 4400 Block of Glenwood Ave, Project E-961

Action Item No. 3
February 2, 2016

ACTION ITEM:

1. **10-Inch Water Main Replacement on the 2800 Block of Prospect Ave and 4400 Block of Glenwood Ave -Project E-961** - Consideration and motion to authorize the General Manager to award a contract to the lowest responsible bidder, GRFCO, Inc. for the water main replacement on the 2800 Block of Prospect Ave and 4400 Block of Glenwood Ave at a cost of \$181,500 and establish a contingency amount of \$18,200 (10% of contract) to cover the cost of unforeseen or additional work.

PROJECT DESCRIPTION:

CVWD has been working with Glendale Unified School District (GUSD) and tBP/Architecture on the improvement project for La Crescenta Elementary School for the past two years. The project requires that GUSD install two (2) new 6-inch fire services and two (2) new fire hydrants on the 2800 block of Prospect Avenue to provide proper fire protection.

The existing water mains on Prospect Avenue and Glenwood Avenue are 3-inch water mains which were installed in the early 1940's and this project will require that the pipeline be upsized to a 10-inch water main to accommodate the fire service upgrades needed by GUSD.

Staff will meet with GUSD and ACC Contractors, INC., to finalize the cost sharing agreement and discuss the proposed construction schedule. Preliminary discussions concluded that GUSD will pay the cost of the installation of the 10-inch pipeline, fire hydrants, and fire services, and that CVWD will pay the cost for installation of the water services, design, construction management, and project administration costs.

DISCUSSION:

On December 8, 2015, the Board authorized the General Manager to advertise for bids for the subject project. A mandatory pre-bid meeting was held on January 20, 2016, which was attended by ten (10) contractors. CVWD specifications indicate that only contractors who attend this meeting are allowed to bid on the project.

On January 27, 2016, at 2:00 PM, the District opened and read the following bid proposals for this project:

	Bidder	Total Bid Amount
Low	GRFCO, Inc.	\$181,500
2	Dominguez General	\$224,600
3	MNR Construction Inc	\$234,480
4	J. A. Salazar Construction	\$297,300
5	Toro Construction	\$301,360
6	Mike Bubalo Construction	No Bid
7	J. DeSigio Construction	No Bid
8	Brkich Construction	No Bid
9	E & R Construction	No Bid
10	Minco Construction	No Bid

GRFCO, Inc of Brea was the apparent lowest responsible bidder for the project. The engineer's estimate was \$181,500 and the low bid was 8.1% lower than the engineer's estimate of \$232,400.

Staff has not worked with GRFCO on any previous projects. GRFCO provided a list of references and staff contacted the City of Arcadia, City of Pasadena, California Department of Parks and Recreation, City of Santa Fe Springs, and Helix Water District for verification. All references expressed a high level of satisfaction with jobs recently completed and would work with GRFCO; however, they were slow on providing paperwork.

RECOMMENDATION:

It is staff's recommendation to award the contract for the subject project to the lowest responsible bidder, GRFCO, Inc at a cost of \$181,500.

A pre-construction meeting will be set as soon as the contract is awarded, the agreement is signed, and insurance documents have been delivered. Construction of this project needs to occur during the summer months (June – August) when school is not in session and there is less disruption to the residents on the street and the school. Construction should be completed by early August 2016, prior to start of the next school year. In addition, no work will occur between July 1 and July 5, 2016 to accommodate the Community's July 4th Celebration. Ms. Christina Olmedo will be the project manager and Mr. Cory Whitman will be the field inspector.

Staff will be holding a Community meeting on May 19, 2016 to discuss the project and the construction schedule to minimize any inconvenience to the residents. In addition, staff will be sending out letters to residents informing them of the upcoming construction, posting a description of the project and a construction schedule on CVWD's website and sending out a press release to the local newspaper about the upcoming project.

ENVIRONMENTAL REVIEW:

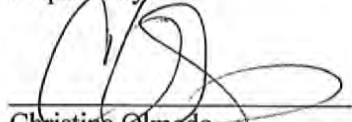
This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines. This exemption covers the repair of existing facilities involving negligible or no expansion of existing use.

FUNDING AVAILABILITY:

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

Account Description	Amount
FY 15/16 Water CIP– Water Distribution - Remain after Project E-960	\$293,950
Pipeline Contractor Cost	<\$181,500>
Unforeseen or additional work	<\$18,200>
Additional costs such as material purchase by CVWD, soils engineer, engineering & inspection labor costs	<\$55,000>
Total Cost Estimate	<\$254,700>
GUSD portion of the Project (assume 50% of total)	\$90,750
Amount Remaining in Water CIP – Distribution System	\$130,000

Prepared by:



Christina Olmedo
Assistant Engineer

Attachments:

1. Bid Summary – E-961

Submitted by:



David S. Gould, P.E.
District Engineer

CRESCENTA VALLEY WATER DISTRICT

Page 1 of 1

Title: 10-inch Water Main on the 2800 block of Prospect Ave and the 4400 block of Glenwood Ave

BID LOCATION:

CVWD's Office

E-Job No: **E-961**
 Engineer's Estimate: \$232,400
 Project Manager: Christina Olmedo

TIME: 2:00 PM
 DATE: 1/26/16
 BY: CO

CHECKED: DSG DATE: 1/27/16

			Engineers Estimate		GRFCO Inc		Dominguez		MNR		JA Salazar		Toro	
ITEM	DESCRIPTION	QUANTITY	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Excavation and backfill	1,360 LF	\$55.00	\$74,800.00	\$5.00	\$6,800.00	\$80.00	\$108,800.00	\$18.00	\$24,480.00	\$60.00	\$81,600.00	\$93.50	\$127,160.00
2	Resurfacing Trench	4,000 SF	\$15.00	\$60,000.00	\$2.00	\$8,000.00	\$10.00	\$40,000.00	\$7.20	\$28,800.00	\$7.50	\$30,000.00	\$11.20	\$44,800.00
3	8" CML & CMC Steel Pipe	0 LF	\$50.00	\$0.00	\$85.00	\$0.00	\$50.00	\$0.00	\$134.00	\$0.00	\$115.00	\$0.00	\$63.00	\$0.00
4	10" CML & CMC Steel Pipe	920 LF	\$55.00	\$50,600.00	\$95.00	\$87,400.00	\$50.00	\$46,000.00	\$140.00	\$128,800.00	\$115.00	\$105,800.00	\$67.00	\$61,640.00
5	Install 6" Fire Hydrant Service/Assembly	3 EA	\$3,000.00	\$9,000.00	\$4,700.00	\$14,100.00	\$5,000.00	\$15,000.00	\$7,600.00	\$22,800.00	\$14,500.00	\$43,500.00	\$3,380.00	\$10,140.00
6	Furnish and Install 1" Water Services including Fittings and appurtenances	14 EA	\$2,000.00	\$28,000.00	\$1,800.00	\$25,200.00	\$700.00	\$9,800.00	\$1,400.00	\$19,600.00	\$2,100.00	\$29,400.00	\$830.00	\$11,620.00
7	Furnish and Install 2" Water Services including Fittings and appurtenances	0 EA	\$2,000.00	\$0.00	\$3,000.00	\$0.00	\$5,000.00	\$0.00	\$3,300.00	\$0.00	\$3,500.00	\$0.00	\$2,290.00	\$0.00
8	Sample Station Assembly	0 EA	\$1,200.00	\$0.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00	\$4,400.00	\$0.00	\$3,500.00	\$0.00	\$1,220.00	\$0.00
9	Traffic Control	1 LS	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$46,000.00	\$46,000.00
10	Replace Valve													
			EE	\$232,400.00	LOW	\$181,500.00	2ND	\$224,600.00	3RD	\$234,480.00	4TH	\$297,300.00	5TH	\$301,360.00

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 4
February 2, 2016

To: Honorable President and Members of the Board of Directors
From: Christy J. Scott
Subject: SB 814 Excessive Water Use

ACTION ITEM:

1. **SB 814, Excessive Water Use**

SB 814 (Hill) was introduced this January to prevent unreasonable waste of water and would require water suppliers to take enforcement actions against excessive water users. (Attached)

This bill would declare that excessive water use, as defined by each urban retail water supplier, is a waste or unreasonable use of water. This bill would prohibit excessive water use by a residential customer and would make a violation of this prohibition an infraction punishable by a fine of at least \$500 per 100 cubic feet of water used above the excessive water use definition in a billing cycle. By creating a new infraction, this bill would impose a state-mandated local program.

This bill would provide that these provisions apply only during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions

DISCUSSION:

This is the Senate Bill which was discussed in the Adjourned Board Meeting, January 19, 2016. There have not been any updates since that time. Currently, ACWA has voted to oppose unless amended, as did the CMUA (California Municipal Utilities Association).

Kathy Cole from MWD (also the Vice Chair on the ACWA Legislative Committee) said that since this is a retailer issue, MWD hopes to gather intel from their member agencies before engaging officially.

This bill, if passed as written, would apply only during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions and individual water suppliers would determine what constitutes excessive water usage.

This bill was introduced on January 4, 2016 and cannot be acted upon until after February 4, 2016.

RECOMMENDATION:

Staff will continue to monitor this Senate Bill.

Prepared by:

Submitted by:



Christy J. Scott

Thomas A. Love, PE
General Manager

Attachments:

1. SB 814 Text

2. SB 814 Fact Sheet

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BILL NUMBER: SB 814 INTRODUCED
BILL TEXT

INTRODUCED BY Senator Hill

JANUARY 4, 2016

An act to amend Section 6254.16 of the Government Code, and to add Chapter 3.3 (commencing with Section 365) to Division 1 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

SB 814, as introduced, Hill. Drought: excessive water use: urban retail water suppliers.

The California Constitution requires the reasonable and beneficial use of water. Existing law requires the Department of Water Resources and the State Water Resources Control Board to take all appropriate proceedings or actions to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water in this state. Existing law authorizes any public entity, as defined, that supplies water at retail or wholesale for the benefit of persons within the service area or area of jurisdiction of the public entity to, by ordinance or resolution, adopt and enforce a water conservation program to reduce the quantity of water used for the purpose of conserving the water supplies of the public entity. Existing law provides that a violation of a requirement of a water conservation program is a misdemeanor punishable by imprisonment in the county jail for not more than 30 days, or by fine not exceeding \$1,000, or both.

This bill would declare that excessive water use, as defined by each urban retail water supplier, is a waste or unreasonable use of water. This bill would prohibit excessive water use by a residential customer and would make a violation of this prohibition an infraction punishable by a fine of at least \$500 per 100 cubic feet of water used above the excessive water use definition in a billing cycle. By creating a new infraction, this bill would impose a state-mandated local program.

This bill would provide that these provisions apply only during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions.

The California Public Records Act requires that public records, as defined, be open to inspection at all times during the hours of a state or local agency and that every person has a right to inspect any public record, with specified exceptions. Existing law prohibits the act from being construed to require the disclosure of certain information concerning utility customers of local agencies, with specified exceptions.

This bill would require certain information about residential customers that violate the prohibition on excessive water use to be made available under the act upon request. By increasing the duties of local officials, the bill would impose a state-mandated local program.

The California Constitution requires local agencies, for the

purpose of ensuring public access to the meetings of public bodies and the writings of public officials and agencies, to comply with a statutory enactment that amends or enacts laws relating to public records or open meetings if that enactment contains findings demonstrating that the enactment furthers the constitutional requirements relating to this purpose.

This bill would make legislative findings to that effect.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: yes.

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 6254.16 of the Government Code is amended to read:

6254.16. Nothing in this chapter shall be construed to require the disclosure of the name, credit history, utility usage data, home address, or telephone number of utility customers of local agencies, except that disclosure of name, utility usage data, and the home address of utility customers of local agencies shall be made available upon request as follows:

(a) To an agent or authorized family member of the person to whom the information pertains.

(b) To an officer or employee of another governmental agency when necessary for the performance of its official duties.

(c) Upon court order or the request of a law enforcement agency relative to an ongoing investigation.

(d) Upon determination by the local agency that the utility customer who is the subject of the request has used utility services in a manner inconsistent with applicable local utility usage policies.

(e) Upon determination by the local agency that the utility customer who is the subject of the request is an elected or appointed official with authority to determine the utility usage policies of the local agency, provided that the home address of an appointed official shall not be disclosed without his or her consent.

(f) Upon determination by the local agency that the public interest in disclosure of the information clearly outweighs the public interest in nondisclosure.

(g) *Regarding residential customers that violate the prohibition on excessive water use described in Section 367 of the Water Code.*

SEC. 2. Chapter 3.3 (commencing with Section 365) is added to Division 1 of the Water Code, to read:

CHAPTER 3.3. EXCESSIVE RESIDENTIAL WATER USE DURING DROUGHT

365. (a) The Legislature finds and declares that this chapter is in furtherance of Section 2 of Article X of the California Constitution as intended to prevent the unreasonable use or the waste of water and to protect water resources in the interest of the

people and for the public welfare.

(b) For the purposes of this chapter, "urban retail water supplier" has the same meaning as provided in Section 10608.12.

366. (a) (1) Each urban retail water supplier shall establish a definition of excessive water use by a customer of the urban retail water supplier that considers, but is not necessarily limited to addressing, all of the following factors:

- (A) Average daily use.
- (B) Full-time occupancy of households.
- (C) Amount of landscaped land on a property.
- (D) Rate of evapotranspiration.

(2) An urban retail water supplier may also consider seasonal weather changes when establishing a definition of excessive water use by a customer of the urban retail water supplier.

(b) An urban retail water supplier shall define and measure excessive water use in terms of hundreds of cubic feet of water used during the water supplier's regular billing cycle.

(c) An urban retail water supplier shall adopt the definition of excessive water use and make any other changes necessary to implement this chapter by adopting a new rule or ordinance or by amending an existing rule or ordinance relating to drought or water conservation.

367. (a) Excessive water use is a waste or unreasonable use of water.

(b) Excessive water use by a residential customer is prohibited.

(c) A violation of subdivision (b) is an infraction punishable by a fine of at least five hundred dollars (\$500) per hundred cubic feet of water used above the excessive water use definition in a billing cycle. Any fine imposed pursuant to this subdivision shall be added to the customer's water bill and is due and payable with that water bill. Each urban retail water supplier shall have a process for nonpayment of the fine, which shall be consistent with the water supplier's existing process for nonpayment of a water bill. That process may include, but is not necessarily limited to, the imposition of nonpayment penalties, interruption of water service, and placing of a lien on the customer's real property.

(d) A violation of subdivision (b) where a demonstrable water leak at the residence occurred and a fix to that leak is underway shall not be punishable pursuant to subdivision (c). Other reasonable justifications for excessive water use shall be considered consistent with subdivision (e).

(e) (1) An urban retail water supplier shall establish a process for the appeal of a violation of subdivision (b) whereby the customer may contest the imposition of any fine or penalty for excessive water use.

(2) As part of the appeal process, the customer shall be provided with an opportunity to provide evidence of a bona fide reason for the excessive water use, including evidence of a water leak meeting the requirements of subdivision (d), a medical reason, or any other reasonable justification for the water use.

368. This chapter applies only during a period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on drought conditions.

SEC. 3. The Legislature finds and declares that Section 1 of this act, which amends Section 6254.16 of the Government Code, furthers,

within the meaning of paragraph (7) of subdivision (b) of Section 3 of Article I of the California Constitution, the purposes of that constitutional section as it relates to the right of public access to the meetings of local public bodies or the writings of local public officials and local agencies. Pursuant to paragraph (7) of subdivision (b) of Section 3 of Article I of the California Constitution, the Legislature makes the following findings:

The Legislature finds that it is in the public's interest to be made aware of excessive water use during a drought in order to help prevent the unreasonable use or waste of water to protect water resources in the interest of the people and for the public welfare.

SEC. 4. No reimbursement is required by this act pursuant to Section 6 of Article XIII B of the California Constitution because the costs that may be incurred by a local agency or school district under this act would result from a legislative mandate that is within the scope of paragraph (7) of subdivision (b) of Section 3 of Article I of the California Constitution or because the costs that may be incurred by a local agency or school district will be incurred because this act creates a new crime or infraction, eliminates a crime or infraction, or changes the penalty for a crime or infraction, within the meaning of Section 17556 of the Government Code, or changes the definition of a crime within the meaning of Section 6 of Article XIII B of the California Constitution.



Senator Jerry Hill, 13th Senate District

SB 814 – Reducing Excessive Water Use – Factsheet

IN BRIEF

To prevent the unreasonable waste of water, SB 814 will require California's water suppliers to take enforcement actions against excessive water users.

THE PROBLEM

Under the State Water Resources Control Board's (the "Board") emergency regulations, water use restrictions may vary slightly among the 411 water supplier territories throughout the state. But in general, residential water users can be – and are – fined \$500 a day for the following:

- Using a hose to wash a car without an automatic shutoff valve
- Washing down a driveway or sidewalk
- Watering outdoor landscaped areas within 48 hours of it raining
- Watering outdoor landscapes on the wrong day or during the wrong period of the day, as established by local rules

However, while \$500 fines can be assessed for these infractions, residential water users in California that use an excessive amount of water are not subject to any fines. The great majority of Californians are making sacrifices to conserve water and meet the mandatory statewide water conservation goal of 25%, but there is a segment of residential water users appear to be using as much water as they want, whenever they want. This is a clear inequity in California's efforts to conserve water during the state's worst drought in recorded history.

It's unknown how many residential water users have been fined, but according to data collected by the Board, between April and October 2015, water suppliers issued at least 60,000 penalties for water waste or not meeting conservation goals. This number also includes drought surcharges. The only known water supplier that assesses penalties on excessive water users is East Bay MUD because the state currently doesn't compel water suppliers to have an excessive water use policy.

In the face of such a severe drought, all Californians should have to cut back water use. By not publicly identifying and taking enforcement actions against excessive water users, the state's water suppliers aren't meeting Governor Brown's 2014 Executive Order to "bring enforcement actions against illegal diverters and those engaging in the wasteful and unreasonable use of water."

BACKGROUND

California is experiencing the worst drought in modern history. According to the Public Policy Institute of California, "the three-year period between fall 2011 and fall 2014 was the driest since recordkeeping began in 1895." In response, in April 2015, Governor Brown declared a state of emergency, requiring a 25% reduction of water use statewide. To meet this goal, the State Water Resources Control Board issued emergency regulations in May 2015. The regulations require each individual water supplier to reduce its water use by varying water conservation rates, ranging from 4% to 36%. Each of the state's 411 water suppliers must report monthly conservation data enforcement statistics to the Board every month. Any water supplier that doesn't meet its established conservation threshold can be fined by the Board up to \$500 per day.

Under the Board's emergency drought regulations, residential water users are prohibited to hose down driveways, to cause water runoff, to use hoses without shutoff nozzles, and more. Any person who breaks these rules can result in a fine of up to \$500 per day, assessed by the local water supplier. In addition, the California Public Utilities Commission (CPUC) oversees Investor Owned Utility (IOU) water suppliers, which deliver water to about 16% of the state. The CPUC has ordered all IOU water suppliers to implement similar measures to comply with the 25% water reduction mandate.

The Board's emergency regulations don't preclude a local water supplier from adopting more stringent conservation measures and local suppliers retain overall enforcement discretion in enforcing the emergency regulations to conserve water. It's up to each local water supplier to decide if and when to issue fines. The Board has encouraged water suppliers to

develop their own progressive enforcement practices to promote conservation.

The \$500 fines are typically assessed on average residential water users, people living in households that use about 11,700 (based on the Board's reported average daily household use for September 2015 of 97 gallons per day) gallons per month. At the same time, excessive water users – households that in some cases are using more than 80,000 gallons per month, or 8 times as much as average user – are not fined for their unreasonable and wasteful use of water. Although it's not known exactly how many excessive water users there are across the state, at least 365 households have been identified that use over 1 million gallons of water a year.

In Los Angeles alone, at least 92 households used 4.2 million gallons in one year, an amount that could supply enough water for at least 30 families. At least 73 households used more than 3 million gallons in a year and 14 households used more than 6 million gallons in a year. One household used over 12 million gallons in one year. While current law shields the identity of these excessive water users, protecting them from the state's and local water supplier's efforts to encourage people to use less water, it's known that most are located in affluent areas such as Beverly Hills and Brentwood in Los Angeles, La Jolla in San Diego, and Lafayette and Danville in the Bay Area.

Most water suppliers and their residents have been able to meet their established water conservation goals and as a result, the 25% statewide water use reduction goal has been met for four straight months. But while the state has so far achieved its conservation goal, only one local water supplier – the East Bay Municipal Utility District (EBMUD) – has established a policy to go after excessive water users. EBMUD has identified over 1,000 homes that meet their definition of excessive water use, which is about 1,000 gallons per day, four times the average use EBMUD's service area. EBMUD imposes fines for exceeding the limit and, in accordance with existing law, also publicly discloses who the excessive users are. The highest user in EBMUD's service territory used over 11,000 gallons a day.

The policy seems to be working. According to EBMUD, 2/3 of homes initially identified as excessive users have cut their water use by 20%. In some instances, the identification of excessive users helped

those users identify leaks that were previously undetected. EBMUD noted that other factors, such as cooler weather, may have contributed to the water use reduction.

THE SOLUTION

During the worst drought in recorded history, SB 814 is intended to prevent the unreasonable use or the waste of water to protect water resources in the interest of the people and for the public welfare. SB 814 will require both public and private urban retail water suppliers – agencies that directly provide potable municipal water to more than 3,000 users – to levy fines against excessive water users. Specifically:

- The bill prohibits excessive water use and requires water suppliers to assess a penalty of at least \$500 on residential water customers for every hundred cubic feet (748 gallons) used above the excessive use definition.
- Urban retail water suppliers will be required to establish an ordinance or rule (or amend an existing ordinance or rule), to create a definition of excessive use based on local conditions, including, but not limited to, average daily water use, full-time occupancy of residences, amount of landscaped land on a property, the evapotranspiration rate, and seasonal changes in the weather.
- The fines will be assessed on a residential customer's regular bill. Each water supplier will be required to have a process for non-payment that must be consistent with each water supplier's existing process for customer non-payment, including, but not limited to, past due penalties, discontinuing water service, or placing a lien on a customer's property.
- Every water supplier will be required to have an appeal process for assessed fines. In order to be considered for an appeal, a customer must demonstrate that their use of water did not violate the excessive use ordinance or rule, or that there was a demonstrable leak, that the water was used for a bona fide medical reason, or for any other reasons that a water supplier might decide are reasonable considerations for the basis of an appeal.

- Users who are deemed to be using water to excess will have their usage information publicly disclosed by their water supplier, consistent with the state's efforts to identify people who violate water conservation rules.
- The bill will only take effect when the Governor has declared a state of emergency based on drought conditions.

SUPPORT

FOR MORE INFORMATION

Patrick Welch – 651-4013 – patrick.welch@sen.ca.gov

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 5
February 2, 2016

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: Water and Wastewater Rate Study, Project M-958

ACTION ITEM:

Water and Wastewater Cost of Service Study, Project M-958 – Discussion of Water and Wastewater Cost of Service Study.

BACKGROUND:

CVWD's staff is working with Raftelis Financial Consultants (RFC) on the preparation of new water and wastewater cost of service study. RFC has been requested to evaluate water rate structure alternatives including a tiered rate structure, a tiered rate structure based on allotment of groundwater and imported water, and a water budget based tiered rate structure. RFC also has been requested to evaluate the wastewater rate structure alternatives including the existing fixed fee wastewater rate structure and a fixed fee rate structure with a variable rate component.

Staff held a kick-off meeting with RFC on October 8, 2015 to discuss the parameters of the study and outline the data needs from CVWD. Key issues discussed were community participation, fixed/variable revenue recovery, conservation incentives versus revenue impact, variable wastewater charges, allocation of lowest cost water, and sensitivity about existing rates and Proposition 218.

On November 3, 2015, RFC gave a presentation on preparing a simplified "Water Budgets 101", which gave the Directors an understanding of a water budget based rate structure.

A public workshop was held on November 18, 2015 which included a presentation about CVWD's operations, budget, reserve policy, the water and wastewater cost of service study, and alternative rate structures.

On January 19, 2016, staff discussed alternative water rate structures such as uniform rate, inclining or tier rate, and a water budget based rate. The Board requested staff provide additional detailed information and a project schedule for further discussion.

DISCUSSION:

Staff talked this over with RFC regarding the Board's request for additional information. RFC indicated that they are working on CVWD's Financial Plan. After staff reviews the Financial Plan, RFC would be able to present alternative water rate structures at the March 1, 2016 Board meeting. Staff prepared the following schedule for discussion regarding the completion of the Cost of Service Study and preparing the FY 16/17 budget for approval by July 2016.

Revised Cost of Service Project Schedule		
Description	Start Date	End Date
Board Meeting - Discussion on Project Schedule	2/2/16	2/2/16
Financial Plan - Conference Call with RFC to Review	2/3/16	2/3/16
Board Meeting - Discuss Financial Plan	2/16/16	2/16/16
Board Meeting - Discuss on Alternative Rate Structures	3/1/16	3/1/16
Board Meeting - Preliminary Budget Review	3/15/16	3/15/16
Board Meeting - Preliminary Budget Review & Review Prop. 218 Notice	4/5/16	4/5/16
Board Meeting - Approve Prop 218 Notice	4/19/16	4/19/16
Board Meeting	5/3/16	5/3/16
Send Prop 218 Notice	5/6/16	5/6/16
Board Meeting	5/17/16	5/17/16
Board Meeting	6/7/16	6/7/16
Public Comments Due	6/20/16	6/20/16
Prop 215 - Public Hearing	6/21/16	6/21/16
Board Approve FY 16/17 Budget	6/28/16	6/28/16

Staff has begun preparing the FY 16/17 Water and Wastewater Budget based on the previous cashflow models. This is due to the time frame needed to prepare, send, and receive comments on the Proposition 218 notice for any potential rate increase for FY 16/17. Staff will also be working with RFC to finalize the water and wastewater cost of service study.

RECOMMENDATION:

N/A

ENVIRONMENTAL REVIEW:

N/A

FUNDING AVAILABILITY:

N/A

Prepared by:



David S. Gould, P.E.
District Engineer

Submitted by:



Thomas A. Love
General Manager

CRESCENTA VALLEY WATER DISTRICT BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 7
February 2, 2016

To: Honorable President and Members of the Board of Directors
From: Ron L. Mitchell – Secretary-Treasurer
Subject: Discussion Regarding Signs on District Property

ACTION ITEM:

1. **Discussion Regarding Signs on District Property** – Discussion regarding signs posted on District property in violation of Section 12.10 of the Rules and Regulations.

BACKGROUND:

The District owns and maintains several reservoir and well sites throughout the District and periodically signs are placed on the fencing surrounding these sites. Most of these signs are placed without the District's permission.

The District does have a policy regarding the posting of signs as shown under Section 12.10 of the Rules & Regulations:

12.10: POSTING OF SIGNS OR NOTICES

It is the District's desire to maintain all its facilities for a professional, clean, and uncluttered appearance. Therefore, any public posting of signs or other notices on District property is prohibited. Such signs or notices found in violation of this policy will be removed and disposed of by District staff. Appropriate District signs or notices required by law are authorized.

President Erickson has indicated that he has received comments about signs posted at the Ordunio Reservoir site (Lowell & Honolulu) and asked that this item be placed on the agenda for discussion by the Board. In the past Mr. Erdman had brought to the Board a request from the Robbin's Nest preschool to place a sign on the site during their enrollment period and the Board has been agreeable. There have been no requests recently to place signs at this site and any signs currently posted are in violation of the District's policy.

RECOMMENDATION:

Staff feels the existing policy is very clear and recommends that any signs posted without permission of the Board or General Manager be removed immediately from any District site by our crews as they travel throughout the District doing their assigned duties.

Prepared by:

Submitted by:

Ron L. Mitchell
Secretary-Treasurer

Thomas A. Love
General Manager

Attachments:
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INFO ITEM

The two laws that ate state pension funds

By Ed Ring

IF you think the stock market's steep slide this month hammered your personal portfolio or 401(k), imagine what it's done to California's state pension system, CalPERS. Years of overoptimistic stock purchases and inadequate contributions have left it terribly vulnerable, and just a few years of down markets could leave it insolvent.

Financial statements released last month (for the fiscal year ending June 30, 2015) showed that the pension system was only 77% funded — and that percentage has certainly dropped alongside all the stock indices in recent weeks. If taxpayers are going to avoid having to bail out CalPERS, the system needs an overhaul.

Two state laws are to blame for the system's financial struggles. Proposition 21, passed in 1984, allowed CalPERS fund managers to move its investments from safe and predictable bonds to risky and volatile stocks and hedge funds to try to generate a higher return. SB

400, passed in 1999, increased pension payouts by 50% for California Highway Patrol employees, a move quickly replicated at other state agencies and local governments.

In the midst of a bull market such as the late '90s tech bubble, perhaps that seemed fine. But it was irresponsible. At the top of a market cycle, a healthy pension system should be overfunded — and then should hold onto the excess to ride out bear markets. CalPERS didn't do that, and so market corrections suddenly become an existential threat.

CalPERS actuaries rely on earning a 7.5% annual return on investment to meet the current and future pension obligations to 1.8 million participants. But current stock market conditions make achieving that goal much harder — if not impossible — over the next several years. And that will leave taxpayers on the hook for billions.

How much taxpayers contribute to the pension fund each year is determined by two factors: how much CalPERS owes in current and future benefits, and how much

it expects to earn on its investments. If expected earnings are high, the hundreds of public agencies and school districts contribute less money up front. But later, when those mythical 7.5% returns don't materialize, taxpayers are left to make up the shortfall.

Even before the recent market downturn, CalPERS was struggling. In the fiscal year that ended June 30, the fund earned a net return of only 2.4% on its \$301.1 billion of invested assets. If CalPERS had earned its target 7.5%, it would have made \$22.6 billion; instead it made only \$6.6 billion. To make up that lost ground this fiscal year, it would have to earn 12.8% — hardly realistic in this volatile market.

In November, the CalPERS board of governors finally voted to lower the fund's projected rate of return — but only to 6.5% per year. And even that modest cut is being implemented incrementally so that it won't fully take effect for 20 years. Meanwhile, new market realities may make even a 6.5% rate of return too optimistic.

Exacerbating the funding prob-

Even before the downturn, CalPERS was struggling.

lem is the fact that CalPERS retirees are living longer, and more and more of them are post-1999 retirees collecting those 50% bigger pensions. For the last three years, CalPERS' has paid out about \$5 billion more in pension disbursements than it has collected in contributions.

There just aren't enough workers, and they aren't contributing a fair amount to their pension plan, for this to be sustainable. Currently, there are 1.3 working participants for each retiree drawing money out. Just a decade ago, that ratio was 2 to 1. Meanwhile, the employees' share of contributions to CalPERS has actually declined by almost 5% in recent years, while the taxpayers' share has risen by more than 24%.

The solution for what ails

CalPERS is simple, but getting it done will prove politically challenging. CalPERS can start by supporting policies that reverse the effects of Proposition 21 and SB 400. CalPERS was instrumental to getting both passed; now it needs to reform them to restore financial health to the system. For example, if CalPERS lowered the rate at which active workers accrue pension benefits going forward — not even retroactively — that would go along way.

CalPERS also needs higher contribution rates from employees. Today the state (read: taxpayers) pays in about \$3 for every \$1 in employee contributions. A private sector employer offering a generous contribution to a 401(k) plan usually has a 1-to-1 ratio.

Taking these steps immediately can avoid more painful solutions later, and keep the public pension system viable. Unless the country slides into another prolonged recession. Then all bets are off.

Ed Ring is the executive director at the California Policy Center.

Daily Journal

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Hard work, long hours end groundwater dispute

By Fiona Smith

Daily Journal Staff Writer

It was an unusual scene in a Los Angeles courtroom recently when the largest groundwater battle in California finally resolved. Retired Santa Clara County Superior Court Judge Jack Komar, about to sign the judgment in the 16-year-old legal dispute, asked if he could snap a picture of the attorneys gathered in his courtroom.

The attorneys obliged, and then one of them, Janet Goldsmith, piped up and asked Komar if she could take his picture as he signed the papers. He agreed, and soon many of the lawyers had pulled out their own smartphones to capture the quiet denouement to what had been a mammoth case. Then they stood up and burst into applause.

"I'm not sure I've seen that in a court case before — we were just so proud of having got it done and of Judge Komar seeing us through it," said Thomas S. Bunn, who represented the Palmdale Water District in the case.

The resolution of the case will transform groundwater management in the arid Antelope Valley north of Los Angeles by putting an end to decades of uncontrolled pumping that has decimated the region's vast aquifer and caused land to buckle, including parts of Edwards Air Force Base. Groundwater use will be now slashed by 40 to 50 percent across the board. *Antelope Valley Groundwater Cases*, JCCP 4408.

The deal to manage the Antelope Valley aquifer, called an adjudication of groundwater rights, comes amid heightened scrutiny on groundwater management statewide as the four-year drought has led to feverish pumping in many basins, particularly in the Central Valley.

Until 2014, there was no statewide law limiting pumping, and while aquifers in many urban areas have long been adjudicated, there are hundreds around the state with no oversight.

"The challenge in settling this case was the same challenge we have with managing groundwater in California, which is that by and large the cheapest most secure source of water is simply dropping a well and pumping," said Eric L. Garner, who represented Los Angeles County Waterworks District No. 40 in the Antelope Valley adjudication. Managing groundwater means "people will have to pump less or pay more to pump."

Under the new Sustainable Groundwater Management Act, users will be required to cut withdrawals from stressed basins in the coming decades.

Anticipating a potential increase in court battles over groundwater rights, and with an eye on the marathon Antelope Valley case — the state Legislature took action last year to create new rules to streamline court processes in groundwater adjudications.

The Antelope Valley litigation pulled in competing parties as diverse as Los

Angeles County, carrot farmers, gravel producers and the U.S. military to determine how much everyone could safely withdraw from the aquifer.

Over the years, the case racked up more than 11,000 docket entries, involved more than 100 lawyers and the included two classes — one consisting of roughly 3,000 small water users and another representing so-called non-pumpers, or the owners of 85,000 parcels of land who had never exercised their groundwater pumping rights.

The case became particularly complex and large because the U.S. government was appearing in state court to settle the military's claim to regional groundwater, according to attorneys. For the U.S. to get involved in the state court process, the adjudication had to include every landowner in the basin, a move not typically done in groundwater adjudications and one which ballooned the size of the case.

In the midst of the court fight, Komar, a Santa Clara County Superior Court judge assigned the case early on, retired. He nonetheless stuck with it, getting specially assigned to the case post-retirement by state Supreme Court Chief Justice Tani Cantil-Sakauye. He presided over four phases of trial, to determine among other things, how much water could be drawn from the aquifer every year without depleting it.

With the next, and possibly hardest phase of trial approaching — in
See Page 3 — ANTELOPE

Continued from page 1

which parties would have to hire experts and hold hearings on hundreds of individual groundwater claims — the parties became more focused on settlement, said Goldsmith, who represented the city of Los Angeles in the case.

If that trial phase had gone forward, there would have been 50 attorneys popping up to object to every question and it probably couldn't have been litigated in anyone's lifetime, said attorney W. Keith Lemieux, who is counsel for several water purveyors with groundwater claims.

Ronald B. Robie, associate justice of the 3rd District Court of Appeal, spent 10 days mediating the case and lawyers involved credit him with pushing the parties toward the ultimate settlement. The deal sets out how

much water each party can pump annually and creates a court-supervised, five-person "water-master" board to oversee aquifer management going forward. The parties have seven years to fully implement the cuts.

Once that settlement was formally hammered out, not everyone was happy, including the non-pumper class.

Komar held a hearing on objections to the agreement and ruled to impose the settlement on everyone, turning it into a final court judgment which he signed in late December.

Ralph B. Kalfayan, who represents the non-pumper class, has vowed to appeal the decision. The judgment sets up unfair barriers to landowners that may in the future want to exercise their right to pump groundwater, he said.

They are required to go through a 12-step application process after which the water-master can accept or reject their request, according to Kalfayan.

"It's expensive and unnecessary, it's burdensome," said Kalfayan, a partner at Krause Kalfayan Benink & Slavens LLP. "It makes it extremely difficult to meet the requirements and obtain the right to be able to pump."

Even facing a potential lengthy appeals process and the task of now implementing the groundwater management plan on the ground, the judgment was a milestone, said Bunn, an attorney with Lagerlof, Senecal, Gosney & Kruse LLP.

"We're not done yet, but it's a very important place to get, and a place we didn't think we'd ever get," Bunn said.

Looking ahead, any appeal

would be unlikely to stop immediate implementation of the groundwater cuts, said Garner, managing partner at Best Best & Krieger LLP. But the fact that there is a judgment in place hasn't fully sunk in yet, he said.

"I've been working on this case almost one-third of my life," Garner said.

For Goldsmith, the resolution was both a professional and personal turning point — she had been putting off retirement until she could see her client through the settlement.

"It was a long, long slog," said Goldsmith, who officially retired on Dec. 31 after 39 years at Kronick Moskowitz Tiedemann & Girard. "I was not going to retire until that decree was signed."

fiona_smith@dailyjournal.com

**CRESCENTA VALLEY WATER DISTRICT
INVESTMENT PORTFOLIO SUMMARY
January 29, 2016**

INVESTMENT TYPE	ACCT/CUSIP I.D. NO.	PURCHASE DATE	*FACE VALUE	INVESTMENT COST	% OF TOTAL	**MARKET VALUE	MATURITY DATE	DATE CALLABLE	EARNED TO DATE	YIELD TO MATURITY
GENERAL FUNDS										
GENERAL FUND-SWEEP ACCOUNT	0631-525246		\$ 82,621	\$ 82,621	0.49%	\$ 82,621	none	n/a	\$ 282	0.02%
GREAT PACIFIC SECURITIES	GPC-804452		\$ -	\$ -	0.00%	\$ -	none	n/a	\$ 8	0.02%
BOND DEBT SERVICE FUND	6948-331525		\$ 226,169	\$ 226,169	1.35%	\$ 226,169	none	n/a	\$ 69	0.06%
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 1,626,304	\$ 1,626,304	9.69%	\$ 1,626,304	none	n/a	\$ 3,712	0.37% Dec 2015
TRANSFER FROM MTBE RESERVE			\$ 2,000,000	\$ 2,000,000	11.91%	\$ 2,000,000				
FEDERAL FARM CREDIT (78)	3133EASN1	7/17/2012	\$ 500,000	\$ 500,000	2.98%	\$ 493,870	7/24/2020	10/24/2012	\$ 4,638	1.84%
FEDERAL FARM CREDIT (81)	3133EAYP7	9/11/2012	\$ 1,000,000	\$ 1,005,220	5.99%	\$ 982,790	7/19/2022	n/a	\$ 9,830	1.95%
FEDERAL FARM CREDIT (83)	3133EAY28	10/9/2012	\$ 500,000	\$ 502,885	3.00%	\$ 497,905	9/21/2017	n/a	\$ 2,092	0.71%
FEDERAL FARM CREDIT (86)	3133EC4L5	11/15/2012	\$ 1,000,000	\$ 1,002,300	5.97%	\$ 972,730	11/23/2021	n/a	\$ 8,116	1.58%
FEDERAL FARM CREDIT (87)	3133EC4Y7	11/19/2012	\$ 500,000	\$ 500,000	2.98%	\$ 498,170	11/27/2017	n/a	\$ 2,344	0.93%
FEDERAL FARM CREDIT (96)	3133EENM8	2/2/2015	\$ 1,000,000	\$ 1,001,790	5.97%	\$ 956,740	2/6/2025	n/a	\$ 10,889	2.14%
FEDERAL FARM CREDIT (97)	3133EENM8	2/9/2015	\$ 1,270,000	\$ 1,245,289	7.42%	\$ 1,217,670	2/6/2025	n/a	\$ 13,829	2.38%
US TREASURY (99)	912828L99	10/28/2015	\$ 1,000,000	\$ 996,878	5.94%	\$ 982,340	10/31/2020	n/a	\$ 2,298	1.44%
			\$ 10,705,094	\$ 10,689,456		\$ 10,537,309			\$ 58,106	
CONSTRUCTION FUNDS										
COPS RESERVE FUND	108614000		\$ 617,088	\$ 617,088	3.68%	\$ 617,088	none	n/a	\$ 83	0.02%
			\$ 617,088	\$ 617,088		\$ 617,088			\$ 83	
MTBE CONTINGENCY FUNDS										
LOCAL AGENCY INVESTMENT FUND	90-19-007		\$ 449,071	\$ 449,071	2.67%	\$ 449,071	none	n/a	\$ -	0.37% Dec 2015
GREAT PACIFIC SECURITIES	GPC-003670		\$ 178,100	\$ 178,100	1.06%	\$ 178,100	none	n/a	\$ -	0.02%
TRANSFER TO WATER RESERVE			\$ (2,000,000)	\$ (2,000,000)	-11.91%	\$ (2,000,000)				
FEDERAL FARM CREDIT (M-35)	3133EDWX6	2/3/2015	\$ 800,000	\$ 849,960	5.06%	\$ 815,968	10/7/2024	n/a	\$ 14,670	2.19%
US TREASURY (M-36)	912828J27	2/6/2015	\$ 1,000,000	\$ 1,011,800	6.03%	\$ 977,540	2/15/2025	n/a	\$ 10,082	2.00%
FEDERAL FARM CREDIT (M-38A)	3133EEWP1	4/22/2015	\$ 1,000,000	\$ 996,470	5.94%	\$ 978,080	4/1/2025	n/a	\$ 11,947	2.41%
FEDERAL FARM CREDIT (M-38B)	3133EEWP1	4/23/2015	\$ 1,000,000	\$ 999,110	5.95%	\$ 978,080	4/1/2025	n/a	\$ 11,947	2.38%
US TREASURY (M-40)	912828J27	4/27/2015	\$ 1,000,000	\$ 1,008,892	6.01%	\$ 977,540	2/15/2025	n/a	\$ 10,082	1.90%
US TREASURY (M-42) NEW	912828L99	12/16/2015	\$ 1,000,000	\$ 984,860	5.87%	\$ 982,340	10/31/2020	n/a	\$ 565	1.70%
US TREASURY (M-43) NEW	912828N48	12/29/2015	\$ 1,000,000	\$ 993,091	5.92%	\$ 998,910	12/31/2020	n/a	\$ 96	1.89%
			\$ 5,427,171	\$ 5,471,353		\$ 5,335,629			\$ 59,390	
TOTAL INVESTMENTS										
CASH- PAYROLL ACCOUNT	0948-024724		\$ 9,823	\$ 9,823	0.06%	\$ 9,823				
TOTAL CASH AND INVESTMENTS			\$ 16,759,176	\$ 16,787,720	100%	\$ 16,499,849			\$ 117,579	1.29%
						\$ (266,072)	***Unrealized Gain/(Loss) on Investments			

Yield on investments including LAIF but not cash accounts	1.66%
Yield on investments not including LAIF or cash accounts	1.83%

I certify that this report accurately reflects all pooled investments and is in compliance with California Government Code Sections 5922 & 53601 as amended on 1/1/97; are currently in conformity with the investment policy as stated in Resolution No. 728 adopted on December 8, 2015.

As Treasurer of the Crescenta Valley Water District, I, Ron L. Mitchell hereby certify that sufficient investment liquidity and anticipated revenues are available to meet one year of estimated expenditures for the operations of Crescenta Valley Water District.

*Value at investment maturity date.

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

As of November 30, 2015

Water	\$ 11,222,060.74
Wastewater	\$ 5,469,083.83
Total Funds	\$ 16,691,144.57


Ron L. Mitchell, Secretary-Treasurer, CVWD

January 29, 2016
Date

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

February 2, 2016
Staff Report

To: Honorable President and Members of the Board of Directors
From: David S. Gould, P.E. – District Engineer
Subject: District Engineer – Staff Report

1. **Water Production Report**

- January 1 – 31 – Water Production – 55%/ 45% split – 45.2 MG for the time period.
Average use – 19.3% less than 2015 and 27.1% less than 5-yr average
SWRCB Conservation – 29.9% less than June 2013 – Feb 2014 period

2. **Rainfall Update**

- 3.78" for January 2015
- Rainfall total for Rainfall Year 2015/16 – 5.77"

3. **Report on Engineering**

- **CIP Projects**

- o Ocean View Chlorination Project
 - Building - Mobilization – Early February 2016
- o Pipeline Projects
 - Award of Contract
- o Well 16 – Pipeline & Building
 - Building & Facilities
 - Building complete
 - Electrical and Pump to be install Week of Feb 1, 2016
 - Finalizing Approval from Department of Drinking Water
 - Dedication Ceremony – February 17, 2016???
- o Pickens Canyon Slope Repair
 - Brush Clearance – Complete
 - Signed Contract - \$43,131
 - Start construction Week of Feb. 8, 2016
- o Wastewater Lift Station – Emergency Electrical Generator
 - Bid opening date: Feb. 24, 2016

- **Water and Wastewater Cost of Service Study**

- o Discussion at Board Meeting

- **Nitrate Removal Treatment Facility at Well 2 Project**

- 50% technical memorandum by March 4, 2016
- Additional Grant information due by Feb. 11, 2016

- **Crescenta Valley County Park Stormwater Recharge Facility Study**

- No Report

- **ULARA**

- Administration Committee - January 20, 2016

- **La Canada Flintridge – Water Committee**

- No Report

- **Water Meter Replacement Program**

- FY 15/16 water meter replacement program – Replaced 432 meters to date

4. **Report on Administrative and Field Operations**

- **Wells - Status**

- Well production capacity averaging 2.0 MGD for January

5. **Field Maintenance & Operations – Jan 16 – 31, 2016**

- **Reservoir Site Assessment**

- Complete Reservoir site assessments

- **Water Lateral Leaks & Repairs**

- 3045 Hopeton ▪ 6026 Canyonside
- 2819 Stevens ▪ 2416 Montrose
- 4906 La Crescenta

- **Fire Hydrant Repair**

- No Report

- **Water Main Leaks**

- 3100 Block of Montrose

- **Reservoir Maintenance**

- No Report

- **Sewer Maintenance**

- 4500-5200 Blocks of Ramsdell ▪ 2900 - 3000 Blocks of Gertrude
- 5100 Block of Cloud ▪ 2900 - 3000 Blocks of Henrietta,
- 2900 - 3100 Blocks of Frances ▪ 2800 - 2900 Blocks of Brookhill
- 5100 Block of Daver & Parham ▪ 2900 Block of Harmony
- 2900 Block of Foothill ▪ 2900 Block of Franklin & Mary

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

January 1 - January 31, 2016

Well Production:	42,354,948	Gals		
Gravity Production:	1,230,000	Gals	% GW	55%
Purchased Water:				
FMWD:	35,577,875	Gals		
City of Glendale:	0	Gals	% Import	45%
TOTAL:	79,162,823	Gals		
	242.93	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	12,415,877	*Included in Well Production		

WATER DEMAND COMPARISON

	Average Daily Usage (gals)	Current Period Change	Average Daily Usage (gals)	Percentage Change
January 1, 2016 - January 31, 2016	2,553,639			
January 1, 2015 - January 31, 2015	3,163,134	-19.3%		
5-yr Average - January 2011 - 2015	3,500,891	-27.1%		
SWRCB CONSERVATION REGULATIONS			3,207,377	
June 1, 2015 through Feb 29, 2016				
BASELINE CONSERVATION			4,576,687	-29.9%
June 1, 2013 through Feb 28, 2014				

RAINFALL: January 1 - January 31, 2016

3.78"

Season-To-Date:

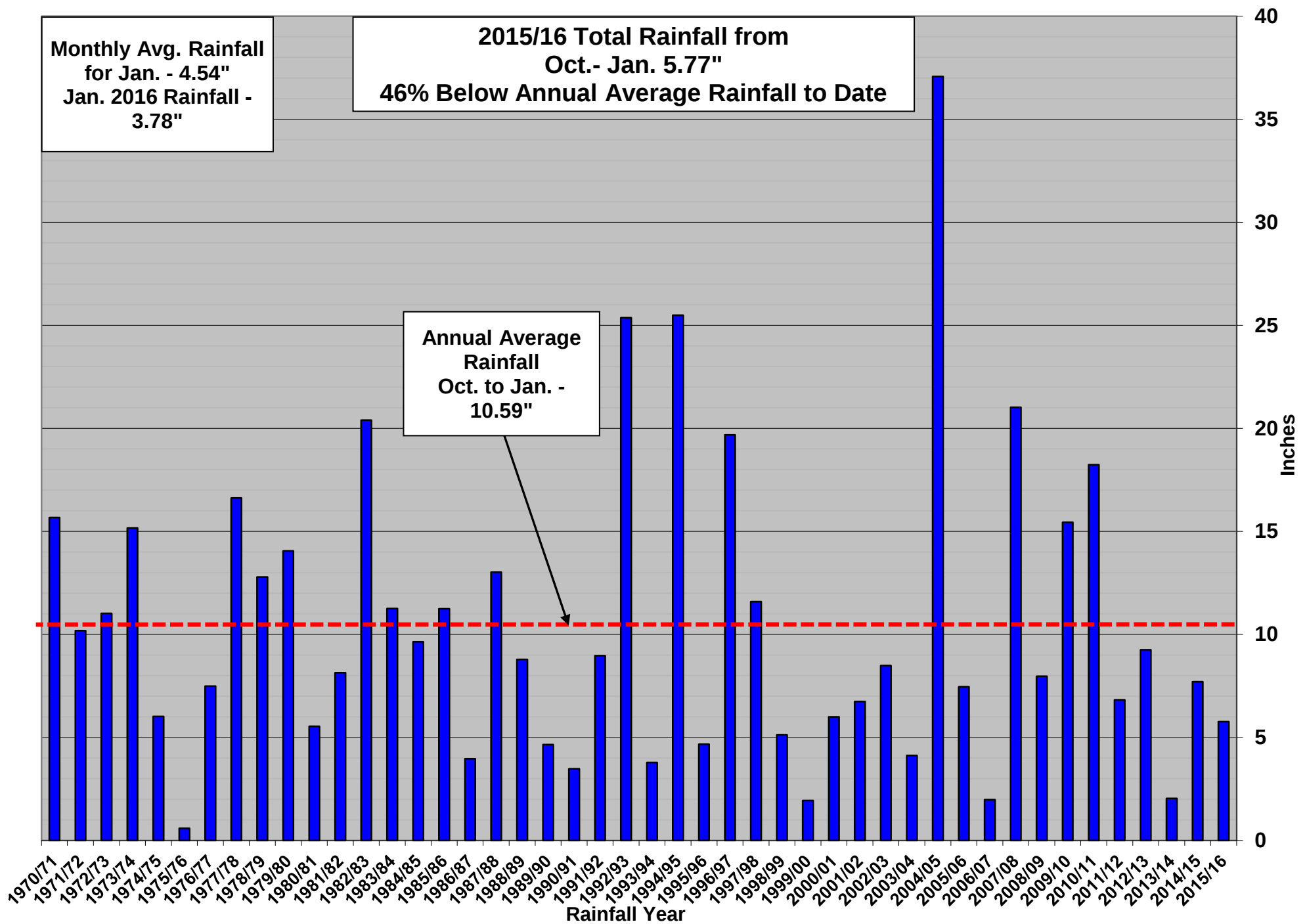
5.77"

2015/16 Fiscal Year Water Production			Groundwater Production Water Rights		Purchased Water Production Tier 2 Allocation		FMWD 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 (July 15 - June 16)	Imported Water Production (ac-ft)
July	315	380	October	143	January*	109	July	161
August	344	360	November	149	February		August	176
September	296	345	December	145	March		September	151
October	301	315	January*	134	April		October	158
November	289	265	February		May		November	140
December	281	265	March		June		December	136
January*	243	265	April		July		January*	109
February		265	May		August		February	60
March		310	June		September		March	65
April		335	July		October		April	80
May		365	August		November		May	100
June		375	September		December		June	110
Total to Date	2,069	2,195	Total to Date	571	Total to Date	109	Total to Date	1,446
Projected	3,719	3,845	Water Rights	3,294	Tier 2	2,154	WSAP	2,009
% of Projected	53.8%	57.1%	% of Rights	17%	% of Allocation	5%	% of Allocation	72%
Remaining	1,776	1,650	Remaining	2,723	Remaining	2,045	Remaining	563

NOTE:

1) Blue Numbers - Estimate Total Water Production

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



CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

February 02, 2016
Staff Report

To: Honorable President and Members of the Board of Directors
From: Christy J. Scott
Subject: Water Conservation Update / Regulatory Update

Monitoring Report Submitted to State for January 2016:

***Production Numbers**

➤ Total Water Production January 2016:	242 AF
➤ Total Water Production January 2013:	299 AF
➤ Percent Reduction:	19 %
➤ Residential Gallons per Capita per Day (R-GPCD) January 2016:	70

* Numbers are estimated

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	8
➤ Number of Follow-ups:	8
➤ Number of Warnings:	8
➤ Number of Penalties:	0

Mandatory Water Reduction Goal

➤ Compliance Period:	June 2015 – February 2016
➤ Compliance Goal:	380 AF
➤ Acre Feet Saved for January:	57 AF
➤ Acre Feet Saved to Date:	925 AF
➤ Acre Feet Saved Beyond Required Target:	546 AF

Turf Rebates: (FINAL NUMBERS)

➤ Pending Applications:	0
➤ CVWD Funds Remaining:	\$0
➤ Funds Submitted to MWD July 2014 to December 2015:	\$739,870.00
➤ MWD outstanding:	\$94,800.00
➤ Total Square footage of turf removed:	371,035

MWD Shutdown Update

During the scheduled MWD shutdown, February 29, 2016 – March 10, 2016, the Family of Foothill Agencies (with the exception of Kinneloa and Rubio) will move to No Outdoor Irrigation and post the Red, Critical Water Alert signs. FMWD is now expecting to be able to take water at Eagle Rock after four days. When FMWD is able to take water at Eagle Rock, the District as well as the other Agencies will return to "Orange Alert". Again the District will be using the water conservation alert signs located throughout the District, Nixle, Nextdoor, and the Crescenta Valley Community Page to alert customers when the shutdown begins and ends.

Urban Water Management Plan (UWMP):

The 2015 UWMP is due to the Department of Water Resources July 1, 2016.

The District's kickoff meeting with the contracted consultant, SA and Associates was held January 26, 2016. The schedule for a draft copy of the UWMP has been rescheduled until the end of April.

Regulatory Updates:

Proposed Regulations for Extended Emergency Regulation for Urban Water Conservation

On November 13, 2015, Governor Brown issued Executive Order B-36-15 which called for an extension of urban water use restrictions until October 31, 2016, should drought conditions persist through January 2016. The comment period for the Extended Emergency Regulation for Urban Water Conservation ends January 28, 2016. As previously stated, none of the changes would impact the District's current conservation target of 24%. The compliance period would extend until October 31, 2016.

Calendar:

February 6th – Water Symposium – Descanso Gardens – 9:00 a.m. to 5:00 p.m.

(CVWD Will have table from 10:00 a.m. to 1:00 p.m.)

February 13th – Natural History and Gardening with CA Monkey Flowers –

Theodore Payne Foundation – 1:30 p.m. to 3:30 p.m.

February 16th – Vegetable Garden Workshop – Descanso Gardens – 10:00 a.m.

February 27th and 28th – So Cal Camellia Council Shows – Descanso Gardens – 9:00 a.m.

March 12th – Smart Gardening/Compost Class – CVWD Glenwood Plant – 9:30 a.m.

Additional classes on July 16th and September 24th

March 12th and 13th – Cherry Blossom Festival – Descanso Gardens – 9:00 a.m.

March 15th – Free Tuesday (3rd Tuesday of every month) – Descanso Gardens

April 16th – Center Circle Garden Plants Discussion – Descanso Gardens – 10:00 a.m.

April 16th – Sustainable Garden Design – Descanso Gardens – 10:00 a.m.

April 16th – Hometown Faire – CV Park – 10:00 a.m. to 6:00 p.m.

April 21st – 24th – Mt. Sac Plant Sale – Descanso Gardens – 9:00 a.m.

	0	0	0	0	0	0	0	0	0	0	0
	Sprinklers			Watering			Other:				
	Overspray	Broken Heads	Run-Off	Over watering	Watering on a NO-water day	Watering during (9am-5pm)	Car Wash	Use of hose w/out cut-off valve	Water Leak	Hosing Hardscaped Areas	Watering during or 48 hrs after a rain event
January 2016 totals	4	0	5	5	7	1	0	2	1	1	6

DESCANSO GARDENS

1418 Descanso Drive, La Cañada Flintridge 91011

Water Symposium



Water conservation is a year-round concern in Southern California, even during wet winter months. Come hear about gardening practices that can help you be water-wise all year round, and learn about the larger story of water in Los Angeles. (Workshops subject to change. Please check descansogardens.org for the most up-to-date schedule of events.) Free with admission. Held in Van de Kamp and throughout the Gardens.

Rain Harvesting in LA | 9:30am

Learn techniques to harvest rainwater, such as rain barrels, and see if it can work in your home situation, from Marilee Kuhlmann, Urban Water Group. The program will address determining how much rainwater to collect and methods to "harvest" the water after rains stop.

ADD TO

CALENDAR

Sat,

Feb. 6, 2016 Four Seasons of Color with California Natives | 11am

- 9:00am — Lili Singer of the Theodore Payne Foundation leads this program. A garden with native plants can be a seasonal showcase of flowers, seed, fruit and foliage. This class illustrates the wealth of trees, shrubs, vines, perennials and grasses, all native and suited to thrive in our climate, that can ensure garden color all yearlong.
- 5:00pm

Water-Wise Walk & Talk | 12:30pm

Join this guided walk through Descanso Gardens with Rachel Young, Descanso Gardens Director of Horticulture and Garden Operations. She will showcase examples of water conservation practices out in the landscape.

Climate Whiplash: From Devastating Drought to Drenching El Nino | 1pm

Often called the "Prophet of California climate," Bill Patzert is a scientist at the California

Institute of Technology's NASA Jet Propulsion Laboratory (JPL) in Pasadena. His research is focused on improving our understanding of Earth's climate and important environmental problems ranging from El Niño, La Niña and longer-term climate forecasts. In a recent article, he was named as one of the West's most influential individuals in dealing with water issues.

Planning a California Native Garden | 2pm

This illustrated talk takes the mystery out of planning a garden and includes basic information about how native plants save water, energy and wildlife, as well as gardening do's and don'ts. Lisa Novick of the Theodore Payne Foundation leads this program. Learn the basic steps of planning a garden, including how to make a site map.

Other symposium highlights:

The Los Angeles River Rover | 9:30am to 2:30pm

Friends of the Los Angeles River bring their mobile classroom to Descanso. Designed to appeal to all ages, the Los Angeles River Rover takes visitors through a tour of the River's past, present and future. Guests learn about the LA River watershed at our interactive watershed table, touch beaver and coyote pelts, listen to the song of the Least Bell's Vireo, and design the river as they want to see in the future.

Water utilities information table | 10am to 2pm

Representatives from local water utilities will be on hand to answer questions.

Native plant information table | 10am to 2pm

Theodore Payne Foundation members will answer your questions about native plants.

Water tasting with Martin Riese | 11am to 1pm

Riese, the nation's first water sommelier, offers water samples and insights into how water has a significant impact on the way we taste food.

Metropolitan Water District student art display | 10am – 3:30pm

Student artists offer their interpretation on the theme "Water Is Life" in this exhibit presented by the Metropolitan Water District.



CRESCENTA VALLEY WATER DISTRICT

Smart Gardening Workshops for 2016
March 12th, July 16th, and September 24th

9:30 a.m. - 11:00 a.m.



Participants will learn about organic gardening, landscaping with dynamic drought-tolerant plants, and how to get rid of garden bugs without pesticides.

The classes will be held at the District's Glenwood Treatment Plant, 3730 Glenwood Avenue. The entrance is on Sycamore.



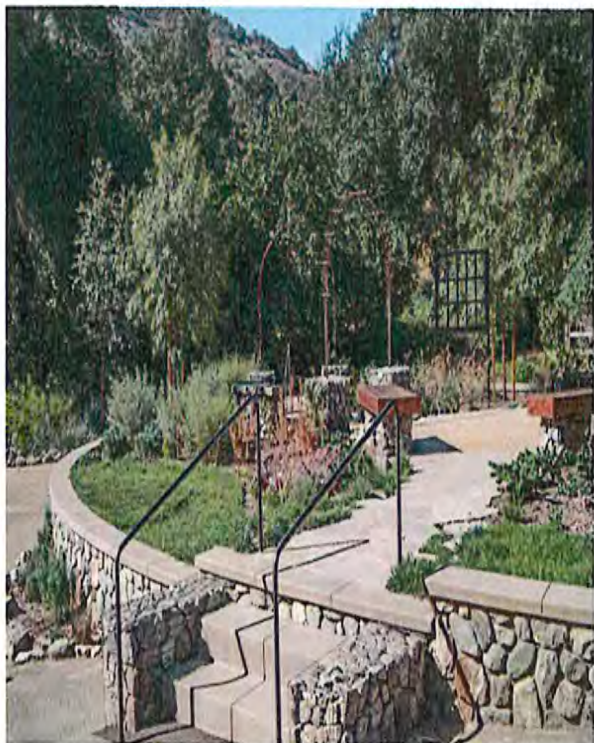
1(888)CLEANLA

CleanLA.com

smartgardening.com



Descanso Gardens – 1418 Descanso Drive, La Cañada Flintridge 91011



Center Circle Garden – Public Talks Saturday, January 16th, 10:00am and April 16th, 10:00am

Cassy Aoyagi of FormLA Landscaping will discuss the plants in the Center Circle garden at public talks. Subject to weather and availability; please call ahead at (818) 949-4200. Free with admission.

LA's Unique Outdoor Water Management Saturday, January 16th, 10:00am

Even in drought, Los Angeles can have slide- and runoff-producing rainfall. This class will cover water catchment and management strategies including permeable paving, bioswales, rain gardens, infiltration and rain barrels. Free with admission.

Sustainable Garden Design Saturday, April 16th, 10:00am

Designing sustainable landscapes is all about thinking long term. This course will look at rules of thumb for sustainable garden design, including plant spacing, maintenance considerations and strategies, troubleshooting designs, diseases/pests, editing, and retrofitting existing sprinklers to drip irrigation. Free with admission.



Vegetable Gardening Workshop Tuesday, February 16th, 10:00am

February is a great time to work on your organic vegetable garden. Get expert guidance in this essential gardening task from Descanso staff. Bring gardening gloves. Meets in the Center Circle. Part of Descanso's "Third Tuesday" programming, when admission to the Gardens is free all day.

CRESCENTA VALLEY WATER DISTRICT

2700 FOOTHILL BOULEVARD
LA CRESCENTA, CALIFORNIA

Agenda for the Meeting of the Engineering Committee
of the Crescenta Valley Water District

To be held on

January 29, 2016 at 8:30 AM

Posted January 28, 2016 at 10:00 am

Call to Order

Adoption of Agenda

Information Items

1. Status of Groundwater Wells and Well Capacity
2. Review of FY 15/16 – CIP Project Costs and Schedule
3. Review of CVWD's Prop. 50 and Prop 84 Grants Costs and Schedule
4. Review of Preliminary 16/17 CIP Program and 10-yr CIP Program

Public Comments

At this time, members of the public shall have an opportunity to address the Committee on items of interest that are within the subject matter jurisdiction of this Committee. This opportunity is non-transferable and speakers are limited to three (3) minutes each.

Committee Member's Request for Future Agenda Items

Next Engineering Committee Meeting – March 11, 2016

Adjournment

CRESCENTA VALLEY WATER DISTRICT

STAFF REPORT

January 29, 2016

To: Engineering Committee
From: David S. Gould, P.E. – District Engineer
Subject: Groundwater Well Update and Capital Improvement Project Program Update

1. Groundwater Well Level and Well Capacity

Attached for review are the static and pumping well levels for CVWD's groundwater wells for the period from 2000 to 2015. The static levels for the majority of the wells have decreased to the lowest levels in 15 years. This is mainly due to the 5-year drought which has been experienced in the Crescenta Valley and State-wide.

The well capacity, which is the amount of water that can be pumped from the ground, has also decreased by 40% during 2015 as shown on the attached graph. In an effort to improve well capacity, a variable speed drive for the booster pump has been installed to allow variable flow out of the Mills plant and to keep Wells 1, 7, & 9 in service.

2. Review of FY 15/16 – CIP Project Cost and Schedule

Staff has prepared a summary of the FY 15/16 Capital Improvement Projects (CIP) program for discussion, which includes amounts that will be reimbursed from CVWD's grants. Staff's goal was to stay within the budget amount of \$1.8M and in order to meet that goal; a number of planned projects were deferred to FY 16/17. Projects deferred include rehabilitation of Well 7, booster pump replacement, and other smaller projects. Also, new projects were added such as the Lower Pickens Canyon Crossing Replacement and the new nitrate removal treatment plant at Well 2. Staff also prepared an updated project schedule which shows the status of each project for discussion.

3. Review of CVWD's Prop. 50 and Prop 84 Grants Costs and Schedule

Staff has prepared a summary of the grants which CVWD has received since 2002 and the status of each grant project for discussion. The summary shows the three (3) Local Groundwater Assistance grants which were used to get a better understanding of the Verdugo Basin and the recent grants received through Proposition 84, Integrated Regional Water Management Program (IRWMP). The summary also shows the amount of grant money awarded, which is over \$3M and the amount of grant money which has been reimbursed.

4. Review of Preliminary 16/17 CIP Program and 10-YR CIP Program

Staff has prepared a preliminary CIP program for the upcoming FY 16/17 budget and a preliminary 10-YR CIP program for discussion with the Engineering Committee. Staff performed an analysis of the water system which looks into the replacement life cycle of pipelines, booster pumps, reservoirs, groundwater wells, the telemetry system, and installation of an automated meter reading (AMR) system. The analysis shows that CVWD's CIP program should be spending between \$3.4M to \$4.3M per year to maintain the water system and its facilities. Staff is looking for input from the Engineering Committee regarding the preliminary FY 16/17 CIP budget.

Prepared & Submitted by:



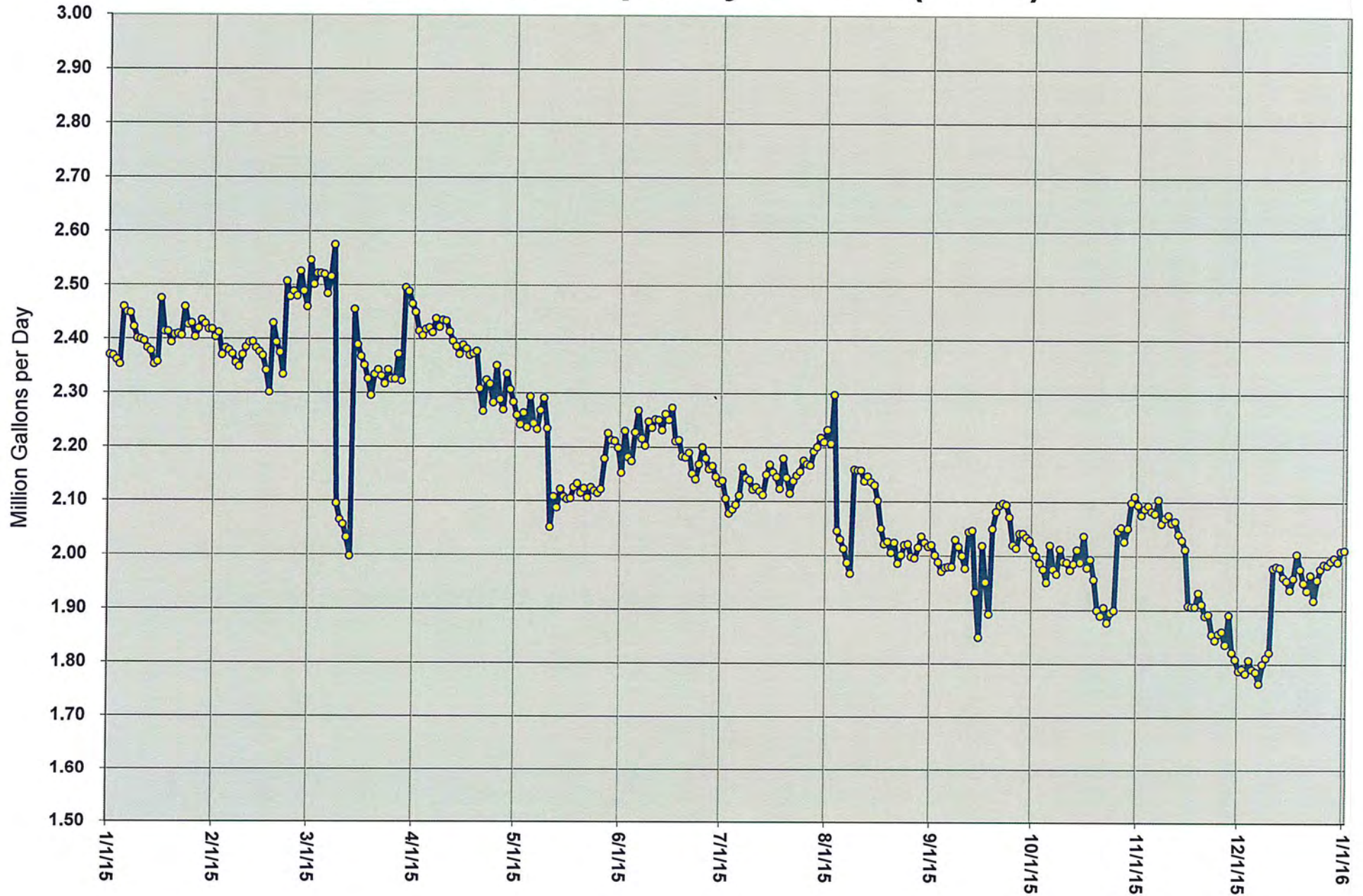
David S. Gould, P.E.
District Engineer

Attachments:

1. FY 15/16 CIP Cost and Project Schedule – Revised 12/31/15
2. Summary of CVWD's Grant Program – Revised 12/31/15
3. Preliminary FY 16/17 and 10-YR CIP Budget

Groundwater Well Level
and
Well Capacity

Crescenta Valley Water District 2015 Well Capacity Status (MGD)



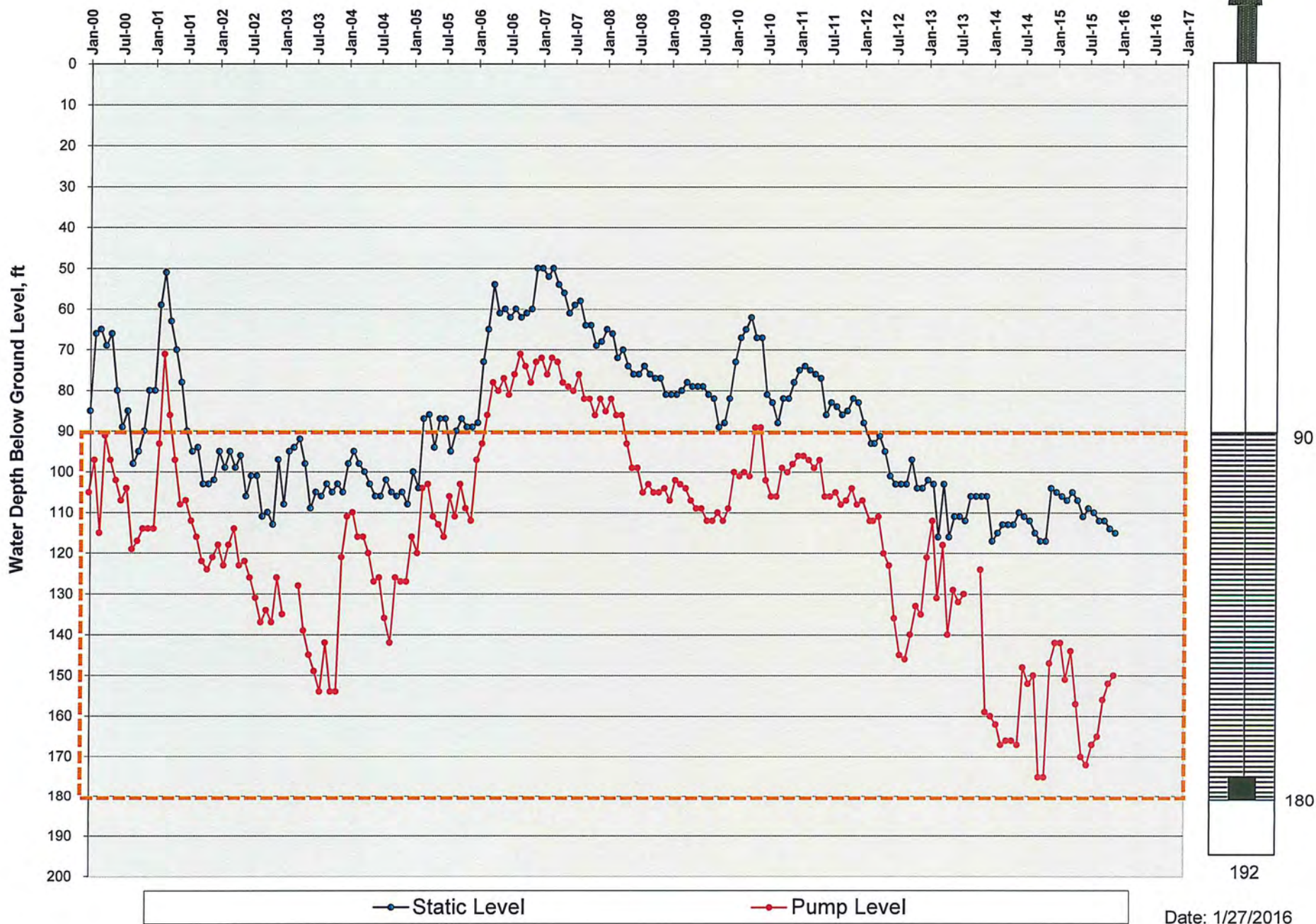
Crescenta Valley Water District

Groundwater Well Inventory

Well No.	LA County Well No.	Date Well Drilled	Drilling Method	Casing Diameter	Record Depth of Casing	Record Screen Intervals	Date of New Pump, Shaft, Column	Design Well Capacity	Current Pump Rate (Jan 2016)
1	5058B	1931	Cable Tool W/Mills Knife Perforations	16"	192'	101'-192'	Aug-13	350 gpm	155 gpm
2	5036A	1927	Cable Tool W/Mills Knife Perforations	14"	148'	60' - 141'		Inactive	
5	5058H	1949	Cable Tool W/Mills Knife Perforations	20"	276'	112'-258'	May-14	450 gpm	370 gpm
6	5058	1949	Cable Tool W/Mills Knife Perforations	20"	162'	100'-142'	Aug-04	80 gpm	40 gpm
7	5047B	1930	Cable Tool W/Mills Knife Perforations	16"	196'	110'-196'	Feb-05	350 gpm	255 gpm
8	5069J	1951	Cable Tool W/Mills Knife Perforations	16"	260'	143'-243'	Sep-15	350 gpm	140 gpm
9	5047D	1945	Cable Tool W/Mills Knife Perforations	20"	262'	100'-123' 127'-164' 227'-254'	May-14	150 gpm	115 gpm
10	5058D	1945	Cable Tool W/Mills Knife Perforations	20"	204'	90'-192'	Mar-12	350 gpm	95 gpm
11	5058E	1946	Cable Tool W/Mills Knife Perforations	20"	198'	82'-135' 160'-168'	Aug-10	300 gpm	70 gpm
12	5058J	1948	Rotary Drilled W/Mills Knife Perforations	16"	615'	96'-501'	Dec-12	250 gpm	75 gpm
14	5069F	1950	Cable Tool W/Mills Knife Perforations	16"	267'	138'-177' 196'-199' 218'-248'	Aug-12	250 gpm	115 gpm
15		2000	Reverse Rotary w/louvres	12"	250'	135' - 225'	Feb-02	110 gpm	Out of Service
16		2011	Reverse Rotary w/louvres	12"	375'	220' - 350'	Feb-16	450 gpm	Not in Service

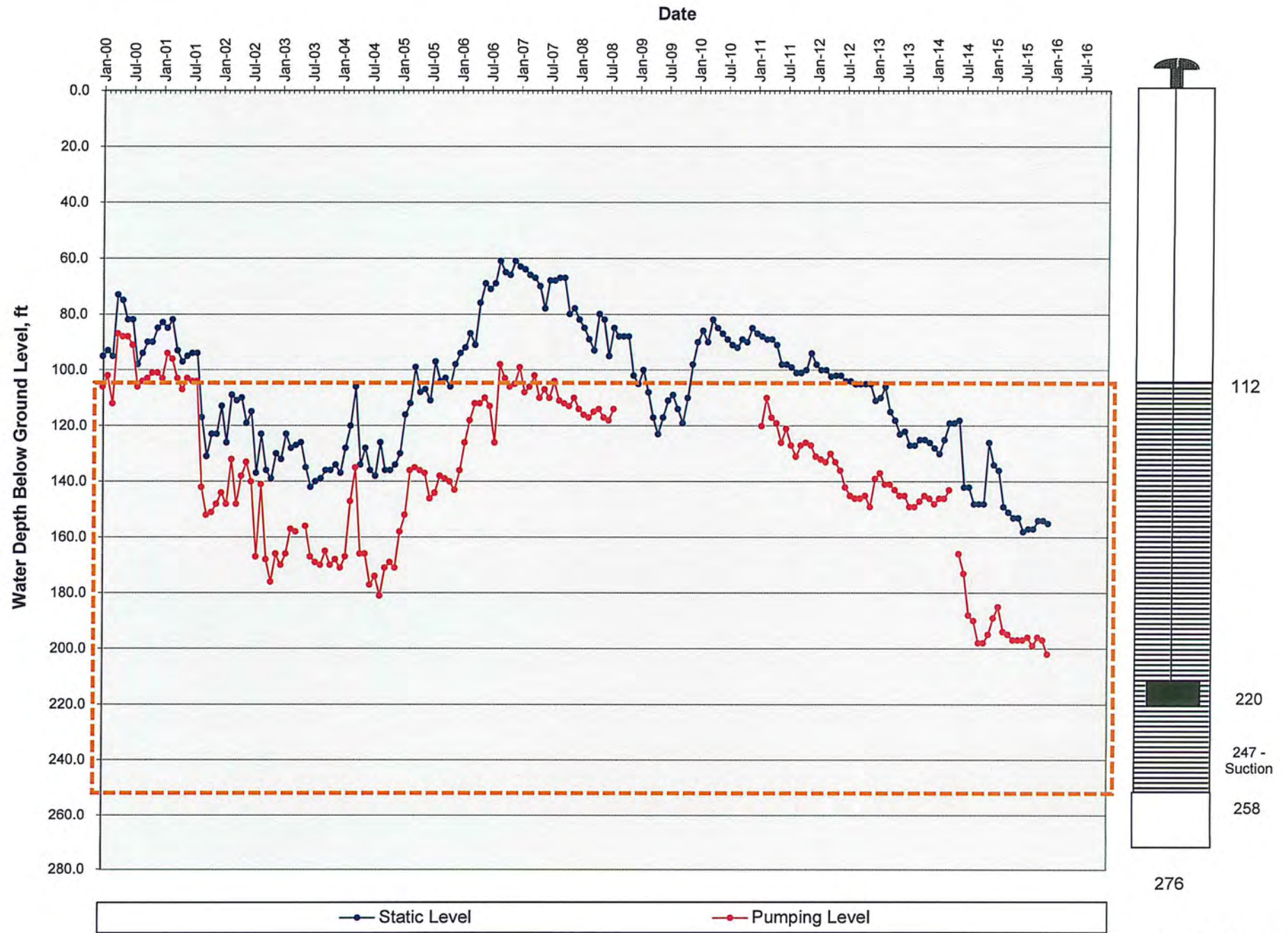
Well 1: 2000 - 2015 - Static and Pumping Levels

Date

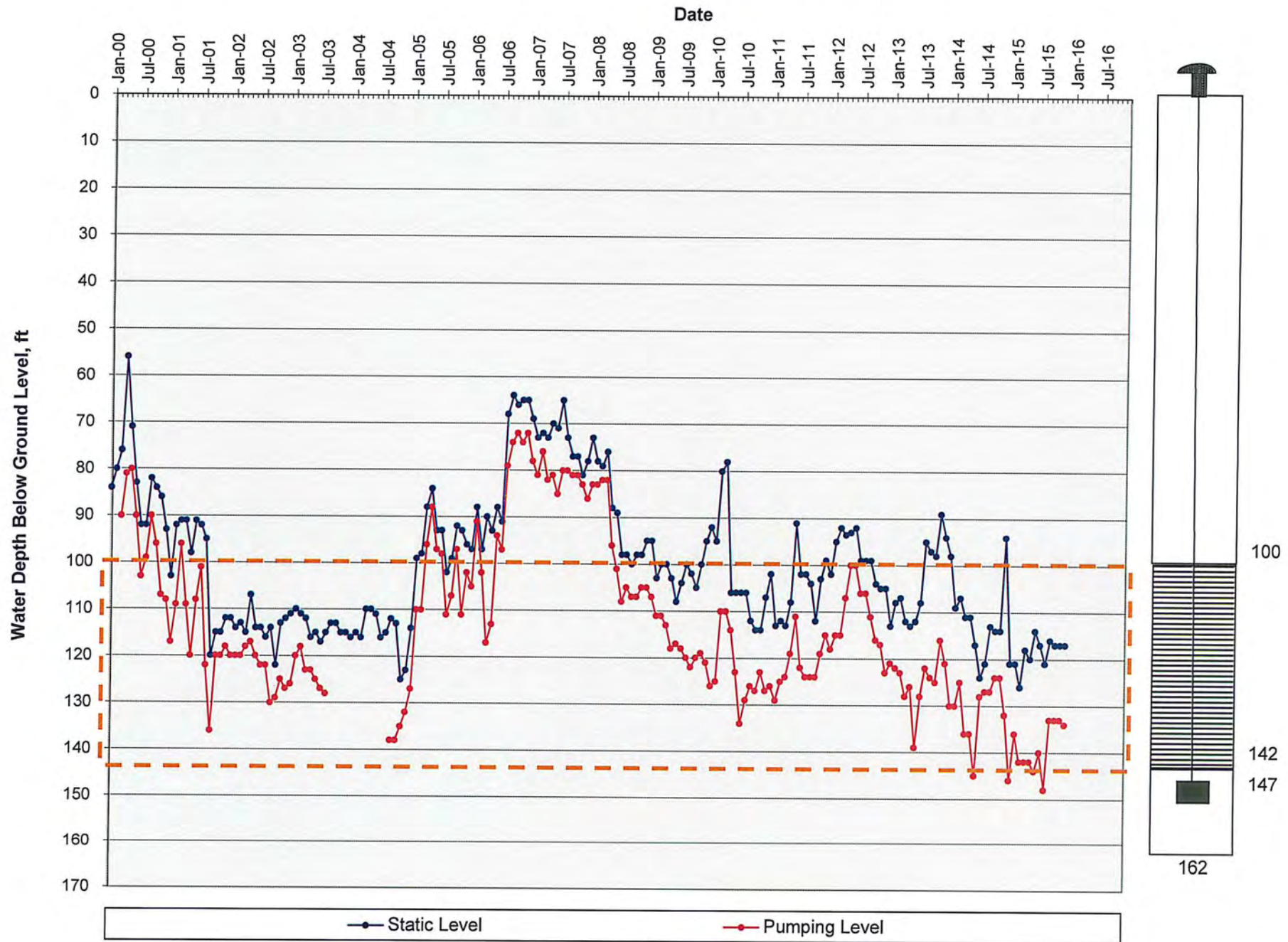


Date: 1/27/2016

Well 5: 2000 - 2015 - Static and Pumping Levels



Well 6: 2000 - 2015 - Static and Pumping Levels



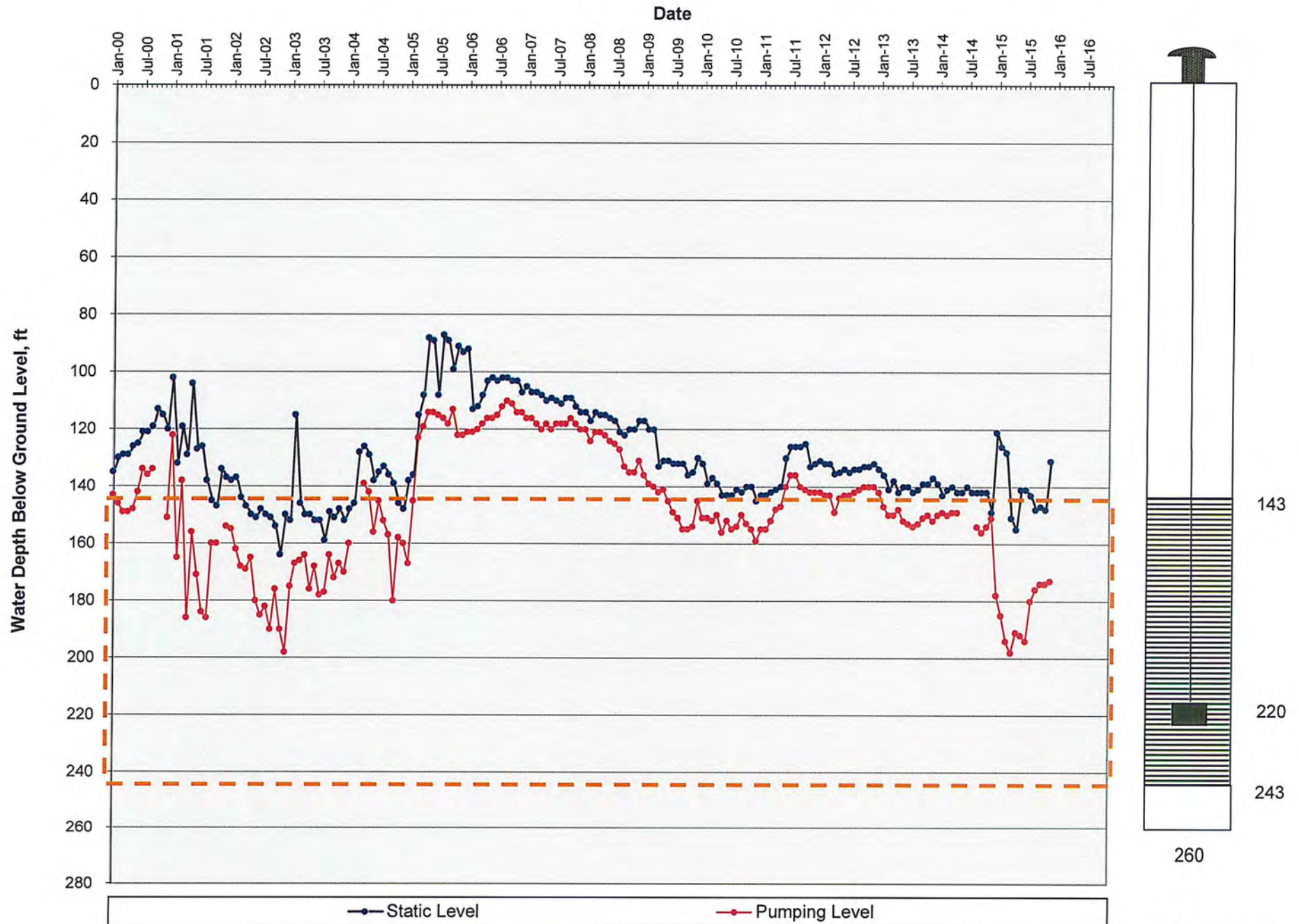
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Well 7: 2000 - 2015 - Static and Pumping Levels



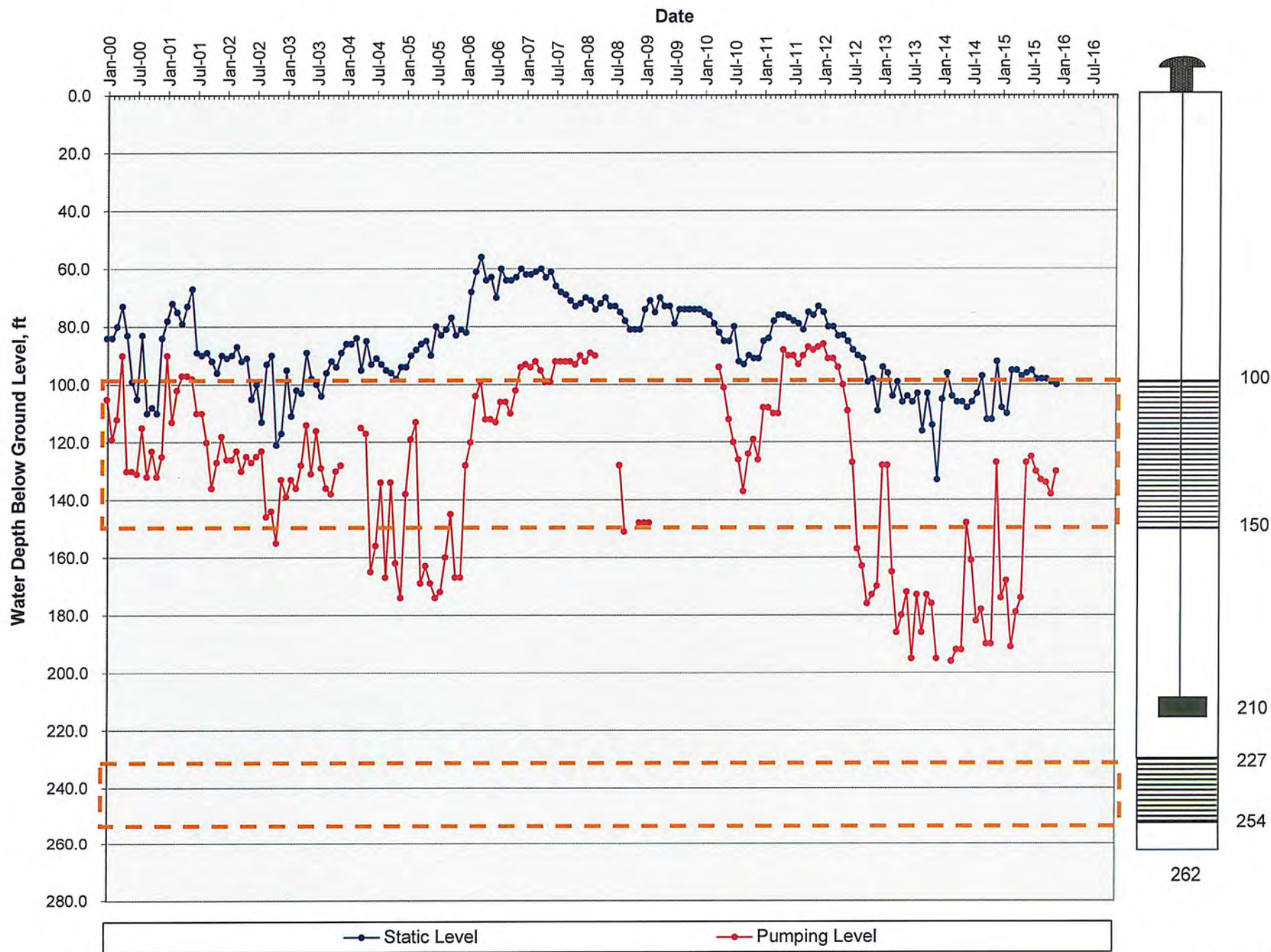
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Well 8: 2000 - 2015 - Static and Pumping Levels

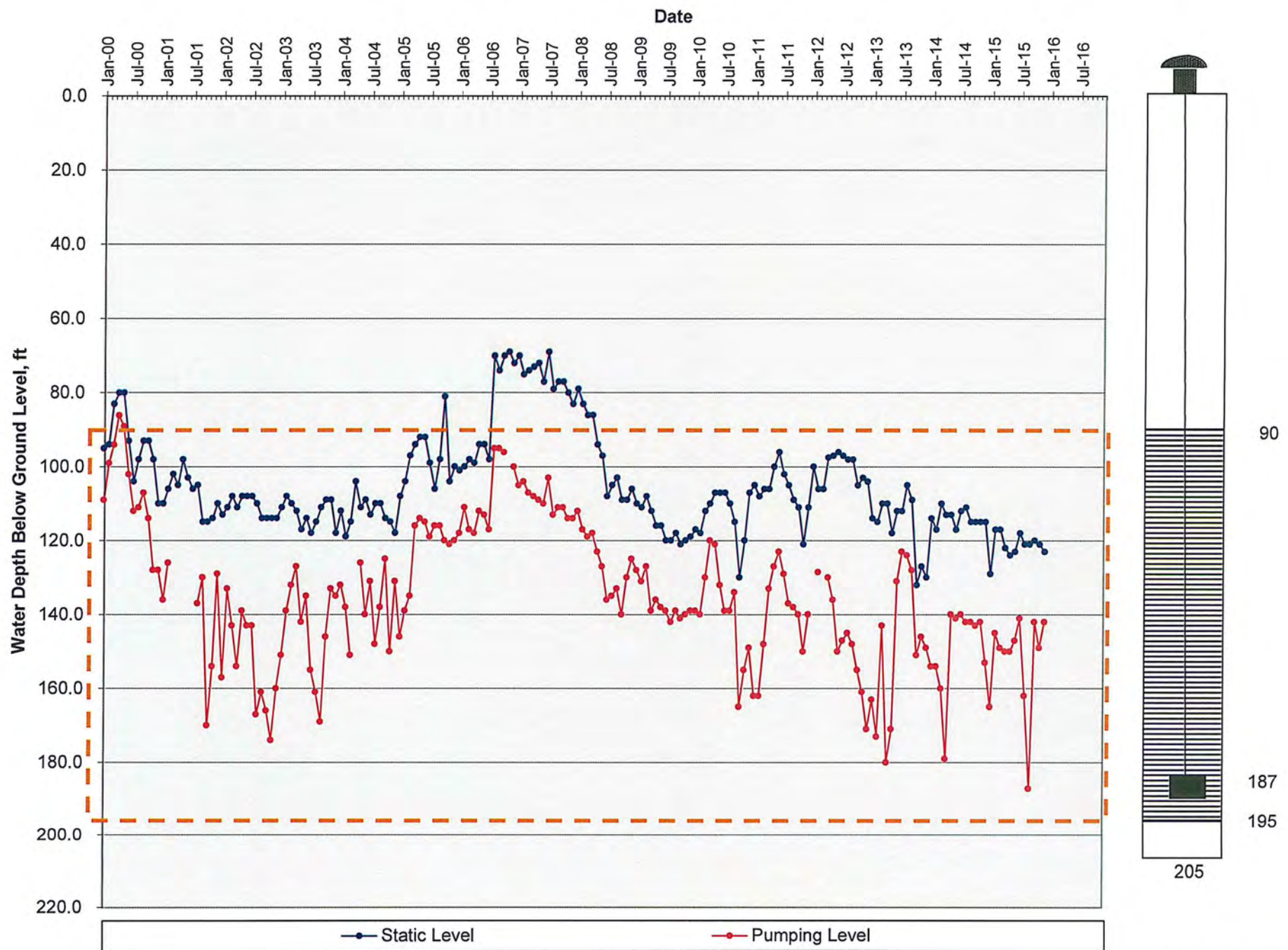


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Well 9: 2000 - 2015 - Static and Pumping Levels

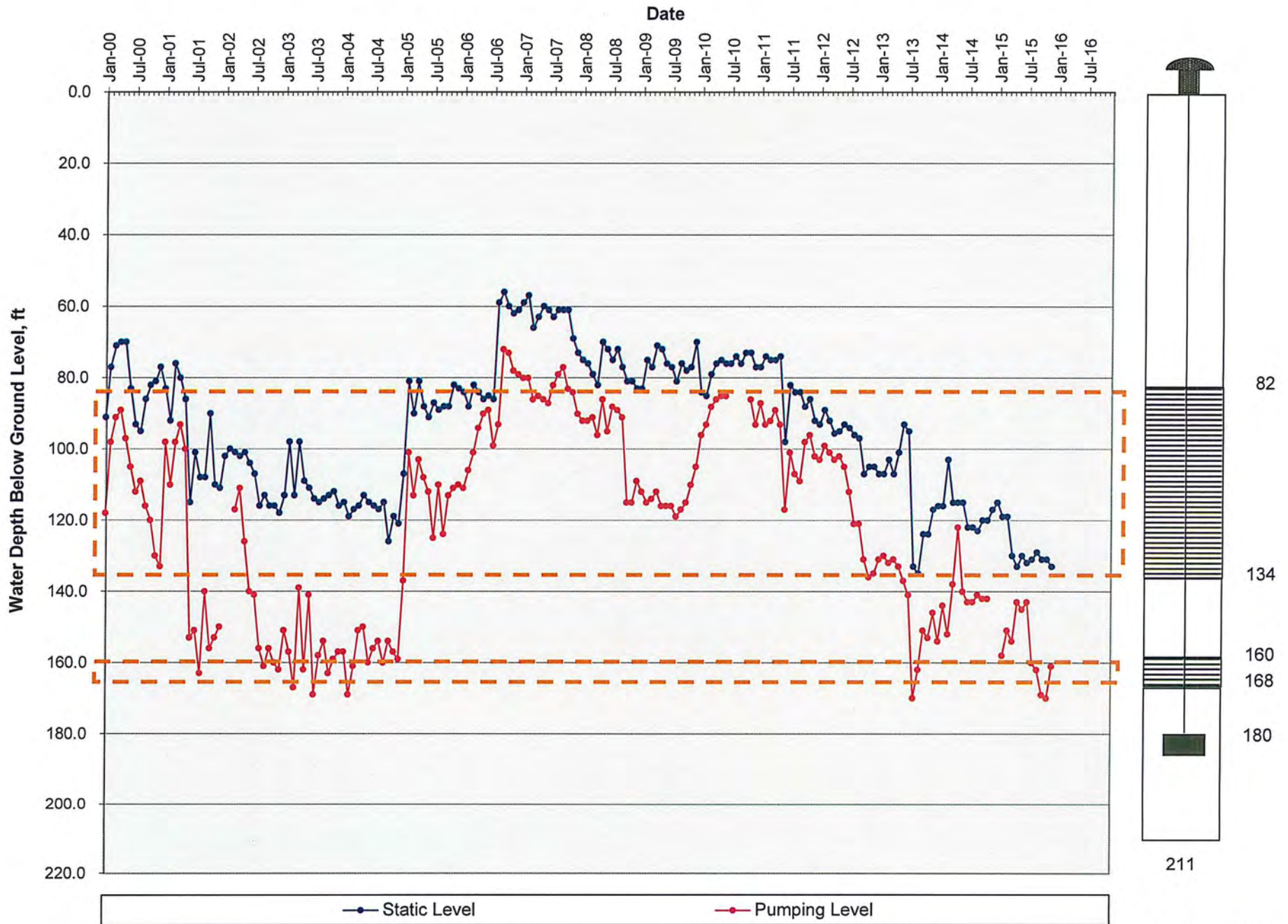


Well 10: 2000 - 2015 - Static and Pumping Levels



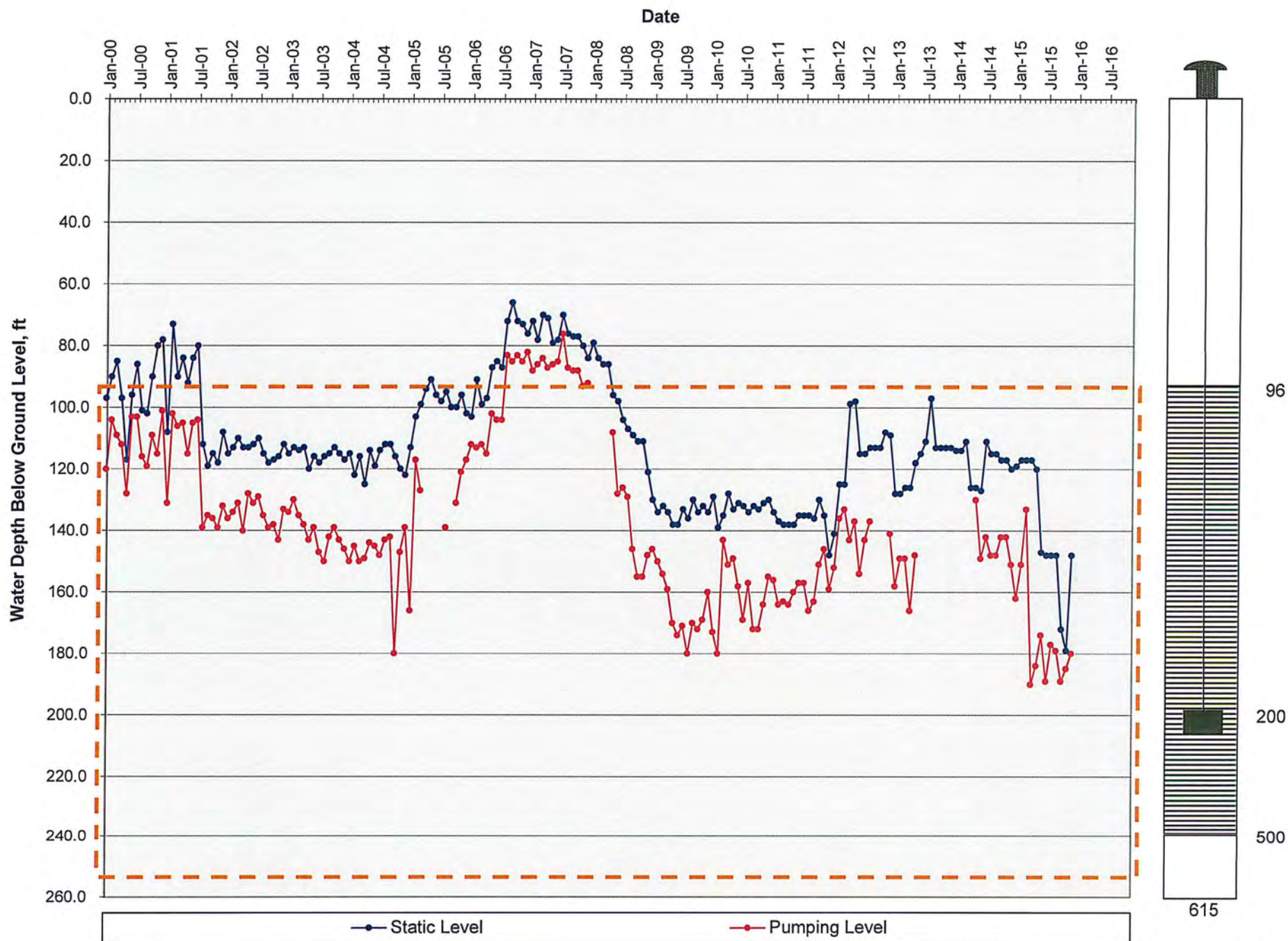
Date: 1/27/2016

Well 11: 2000 - 2015 - Static and Pumping Levels



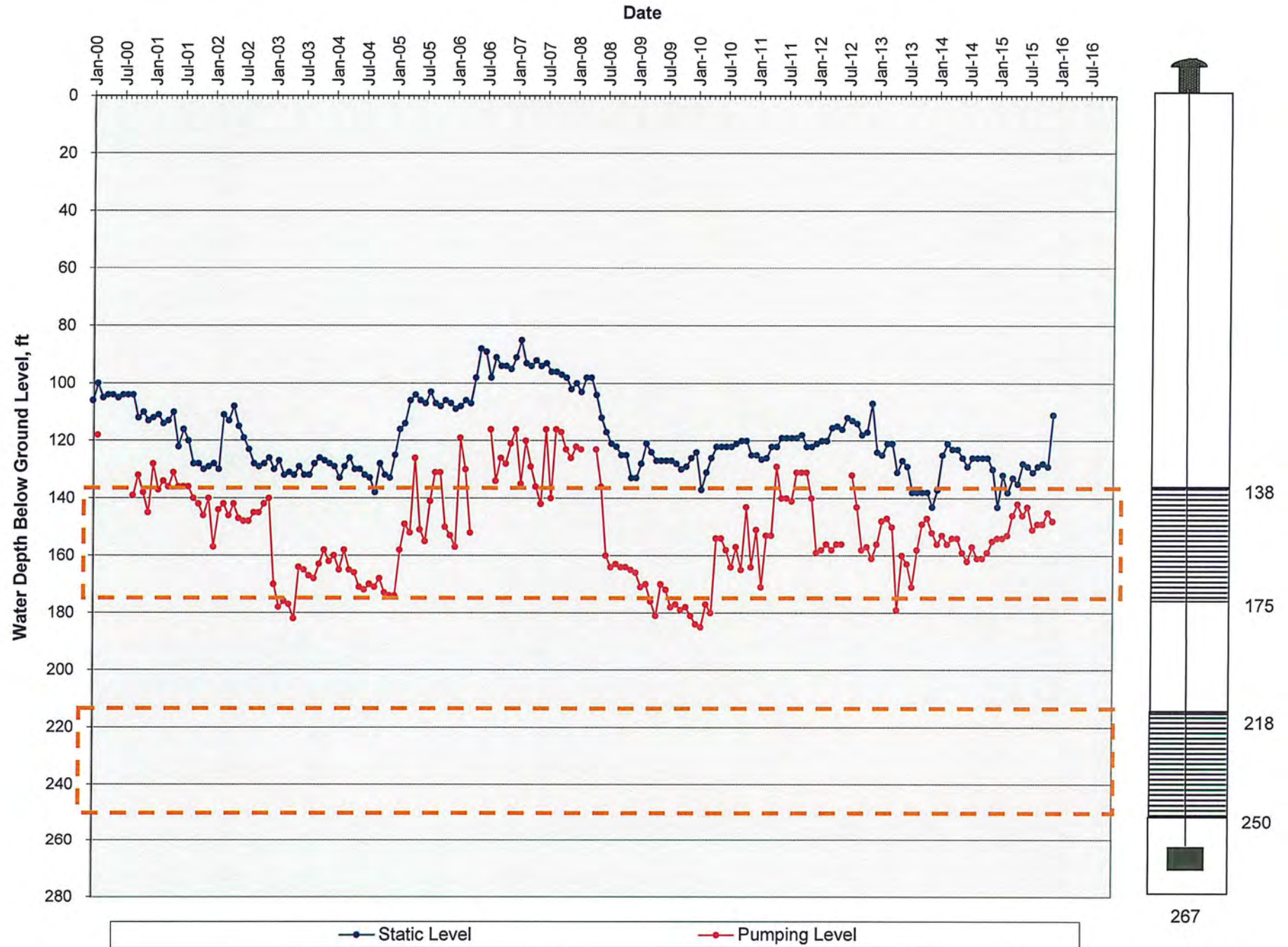
Date: 1/27/2016

Well 12: 2000 - 2015 - Static and Pumping Levels



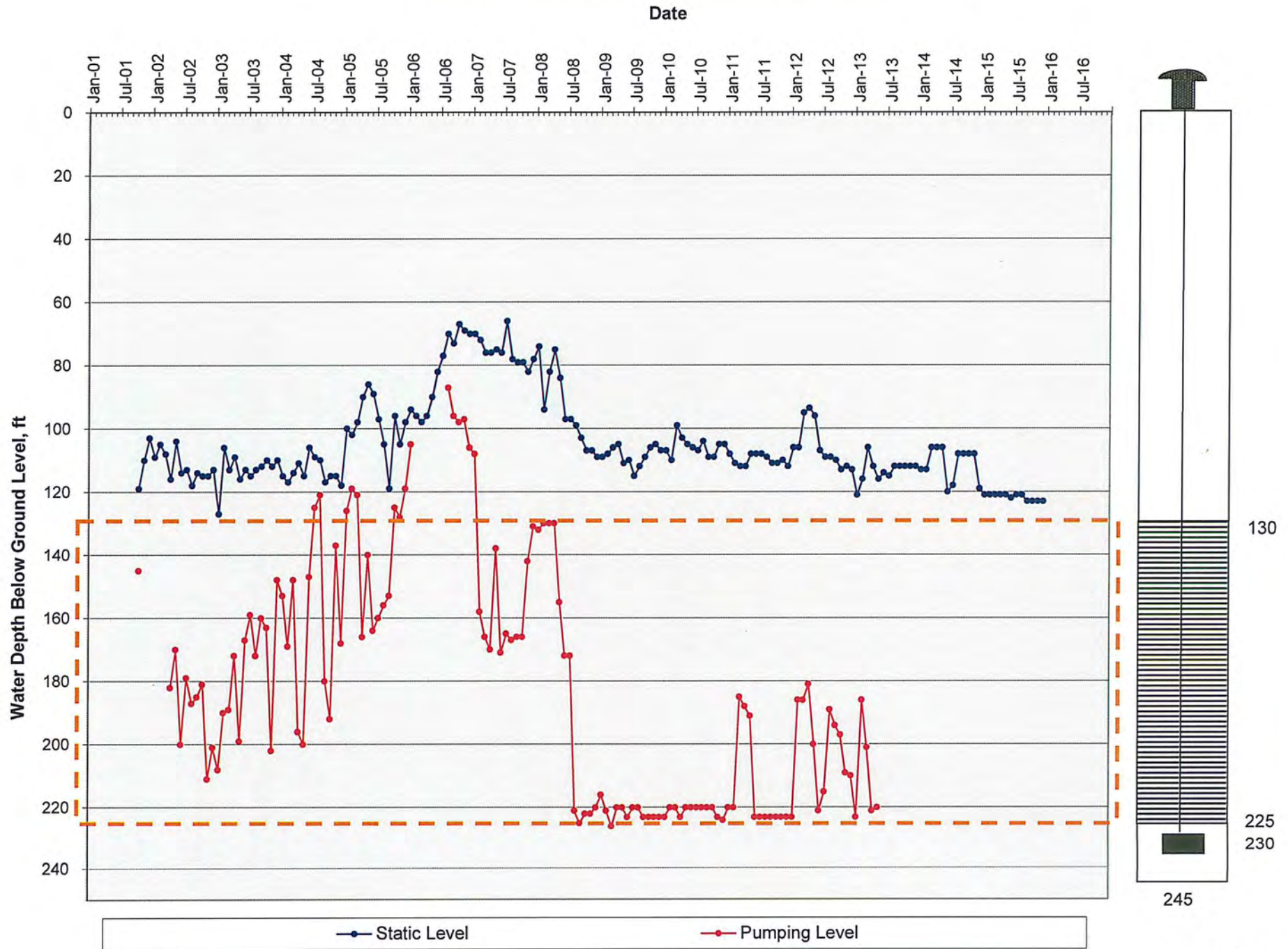
Date: 1/27/2016

Well 14: 2000 - 2015 - Static and Pumping Levels



Date: 1/27/2016

Well 15: 2000 - 2013 - Static and Pumping Levels



Date: 1/27/2016

FY 15/16 – CIP Project
Cost and Schedule

Capital Improvement Project Program FY 15-16 - Updated 12/31/15	E-Job	Budget FY 15/16	Cost to date 7/1/15 - 12/31/15	Cost Committed - 12/31/15 - 6/30/16	Grant Reimburse - FY 15/16	Cost Remaining
1. Water Supply						
A. Groundwater						
i. Well Rehabilitation						
Well 11 Rehabilitation	E-934	\$ -	\$ 14,954	\$ -	\$ -	\$ (14,954)
Well 7 Rehabilitation		\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000
ii. New Wells						
Well 16 - Equipment & Pipeline (Grant - Matching Funds)	E-940	\$ 60,000	\$ 337,223	\$ 97,000	\$ (325,000)	\$ (49,223)
Well 16 - Construction (Grant - Matching Funds)	E-940	\$ 100,000	\$ 449,529	\$ 416,300	\$ (550,000)	\$ (215,829)
Re-Activate Well 2 - Design (Grant - Matching Funds)	E-956	\$ -	\$ 10,886	\$ 103,114	\$ -	\$ (114,000)
Re-Activate Well 2 - Construction (Grant - Matching Funds)	E-956	\$ -	\$ -	\$ 312,500	\$ -	\$ (312,500)
iii. Studies						
B. Imported Water						
CVWD/LADWP Inter. at Ordunio (Grant - Matching Funds)	E-766	\$ 125,000	\$ -	\$ 75,000	\$ (187,700)	\$ 237,700
Ocean View Piping & Vaults (Grant - Matching Funds)	E-733CS-1	\$ -	\$ -	\$ -	\$ -	\$ -
Ocean View Chlorination St (Grant - Matching Funds)	E-733CS-2	\$ 85,000	\$ 25,848	\$ 190,300	\$ (94,400)	\$ (36,748)
Ocean View - Equip. (Grant - Matching Funds)	E-733CS-3	\$ 35,000	\$ 10,152	\$ 33,510	\$ (37,500)	\$ 28,838
Ocean View - Elect (Grant - Matching Funds)	E-733CS-4	\$ 40,000	\$ 19,979	\$ 69,600	\$ (37,500)	\$ (12,079)
C. Groundwater Basin Recharge						
Storm Water Recharge Study (Grant - Matching Funds)	M-903A	\$ 40,000	\$ 21,174	\$ 91,400	\$ (93,900)	\$ 21,326
D. Recycled Water System						
E. Demand Management						
WS Total		\$ 545,000	\$ 889,745	\$ 1,388,724	\$ (1,326,000)	\$ (407,469)
2. Water Storage						
A. Reservoir Rehabilitation						
B. Reservoir Water Quality						
C. New Reservoir Water Storage						
WS Total		\$ -	\$ -	\$ -	\$ -	\$ -

Capital Improvement Project Program FY 15-16 - Updated 12/31/15	E-Job	Budget FY 15/16	Cost to date 7/1/15 - 12/31/15	Cost Committed - 12/31/15 - 6/30/16	Grant Reimburse - FY 15/16	Cost Remaining
3. Water Distribution						
A. Pipeline Replacement						
3000 Block-Paraiso Way, Cloud, & Ramsdell	E-947	\$ -	\$ 1,796	\$ -	\$ -	\$ (1,796)
2600 Block - Harmony Place - 450 LF	E-960	\$ 115,000	\$ 5,845	\$ 120,000	\$ -	\$ (10,845)
3900 Block - Park Place - 450 LF	E-960	\$ 115,000	\$ 5,845	\$ 120,000	\$ -	\$ (10,845)
3700 Block - Glenwood Avenue - 800 LF	E-960	\$ 175,000	\$ 5,845	\$ 212,300	\$ -	\$ (43,145)
2800 Block - Prospect & 4400 Block - Glenwood - 700 LF	E-961	\$ 200,000	\$ 4,846	\$ 185,800	\$ (75,000)	\$ 84,354
Lower Pickens Canyon Pipeline Repair	E-957	\$ -	\$ 43,143	\$ 81,857	\$ -	\$ (125,000)
B. New Pipelines						
C. Booster Pump System						
i. Annual Pump /Motor Replacement						
1 - Boosters		\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
iv. MCC Replacement						
MCC upgrade at Oak Creek	E-931	\$ 185,000	\$ 99,356	\$ -	\$ -	\$ 85,644
D. Pressure Reducing Stations						
E. Miscellaneous Projects						
i. Water Surge Control						
Rehabilitation Surge Tanks at Glenwood		\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000
WD Total		\$ 880,000	\$ 166,675	\$ 719,957	\$ (75,000)	\$ 68,368
4. Water Treatment						
A. Nitrate Removal						
B. Chlorine Disinfection						
C. Convert to Chloramines						
D. New Federal and State Regulations						
E. Water Quality Studies						
F. MTBE Removal						
WT Total		\$ -	\$ -	\$ -	\$ -	\$ -

Capital Improvement Project Program FY 15-16 - Updated 12/31/15	E-Job	Budget FY 15/16	Cost to date 7/1/15 - 12/31/15	Cost Committed - 12/31/15 - 6/30/16	Grant Reimburse - FY 15/16	Cost Remaining
5. Technology						
A. Automated Meter Information (AMI) System						
B. Supervisory Control and Data Acquisition (SCADA) System						
SCADA RTU Replacement (35 sites) - Design	E-939	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
SCADA RTU Replace - Equipment & Integration	E-939	\$ 300,000	\$ 28,533	\$ 27,467	\$ -	\$ 244,000
C. Graphical Information System (GIS)						
TECH Total		\$ 315,000	\$ 28,533	\$ 27,467	\$ -	\$ 259,000
6. Public Safety/Emergency Response						
A. Emergency Electrical Generators						
B. Water Storage						
Seismic Sensors & Valve Actuators - Duns/Pickens		\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
C. Security						
D. Miscellaneous						
SF/ER Total		\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
7. Facilities & Planning						
A. Main Office						
B. Glenwood Plant						
C. Mills Plant						
D. Reservoir Site Improvements						
F & P Total		\$ -	\$ -	\$ -	\$ -	\$ -
Capital Improvement Projects - Total		\$ 1,815,000	\$ 1,084,953	\$ 2,136,148	\$ (1,401,000)	\$ (5,101)
Budget Amount in Cashflow Model		\$ 1,815,000		\$ 3,221,101	\$ (1,401,000)	\$ 1,820,101
Amount over/under Budget		\$ -				\$ (5,101)

Crescenta Valley Water District

Design and Construction Schedule for FY 15/16 - Updated 12/31/15

Project	E-Job No	Project Manager	Status	Budget	Consult	Contractor	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June
Rockhaven Well - Site	E-940	DG	Under Const.	\$450,000	Cannon	CA Bldg. Eval & Const															
Rockhaven Well - Equipment	E-940	DG	Under Const.	\$230,000	Cannon	Varies															
Ocean View Chlorination Station - Chlorination Building	E-733CS - 2	BY	Under Const.	\$85,000	Civiltec	General Consolidated															
OV Chlorination Station - Purchase and Install Treatment Equipment	E-733CS - 3	BY	Under Const.	\$75,000	CVWD	Cortec															
OV Chlorination Station - Electrical and SCADA Equipment	E-733CS - 4	BY	Under Const.	\$75,000	CVWD	Mron Elec.															
OV Chlorination Station - Work Performed by CVWD Crews	E-733CS - 5	BY	Under Const.	\$50,000	CVWD	CVWD															
Ordunio - Interconnection	E-788A	BY	Design	\$55,000	Civiltec	CVWD & Pump															
Lower Pickens Canyon Pipe & Slope Repair - Temp Erosion Control	E-957	DG	Under Const.	\$100,000	DMc Eng & AMEC	AmeriPacific															
Ordunio - Wall	M-933	DG	Design		SA Assoc																
8" Pipeline - Harmony, Park Pl, & Brookhill; Prospect & Glenwood	E-960	CO/JH	Under Const.	\$605,000	CVWD	Pipeline Contractor															
Emergency Electrical Generator at Sewer Lift Station	S-964	CO	Design	\$75,000	CVWD	Contractor															
Water & Wastewater - Cost of Service & Volume Based Rate Study	E-958	DG/RM	Design	\$125,000	RFC	-															
Storm Water Recharge - Final Report	M-903A	DG	Design	\$85,000	AMEC	N/A															
Nitrate Removal Treatment Plant for Well 2 at Ordunio Reservoir	E-956	DG	Design	\$114,000	SA Assoc	-															
Mills Booster B - VFD	M-955	BY	Complete	\$36,000	CVWD	CA Bldg. Eval & Const															
Rockhaven Well - Pipeline	E-940	JH	Complete	\$300,000	CVWD	E & R Const.															
Storm Water Recharge - Test Pit	M-903A	DG	Complete	\$10,000	AMEC	CVWD															
MCC upgrade at Oak Creek	E-931	DG	Complete	\$310,000	Cannon	CA Bldg. Eval & Const															
FY 16/17 Budget		DG	Start 1/16	-	CVWD	N/A															
																Start Budget	Prelim. Budget Review	Final Budget Review	Public Notice - 45 days	Approve	

CVWD's Prop. 50
And
Prop 84 Grants
Costs and Schedule

Crescenta Valley Water District

Summary of CVWD's Grant Program

ID No.	E-Job No.	Project Title	Project Description	Funding	Start Date	End Date	Status	Consultant	Contact Person	Original Project Amount	Grant Amount	CVWD Amount	CVWD Expenditures to Date	Grant Reimbursement to Date	CVWD Amount as part of Grant to Date	Actual Total Amount of Project (Estimate)	Actual Total Amount of Grant Reimbursement	Actual CVWD Amount (Estimate)
1	E-696	Verdugo Basin Groundwater Evaluation and Monitoring Project	Installation of Monitoring Wells - MW-1, MW-2 & MW-4	AB303 - Local Groundwater Management Assistance Act of 2000	Oct-02	Jun-04	Complete	Bookman-Edmonson, Inc	Tom Regan	\$250,000	\$250,000	\$0	\$347,531	\$250,000	\$0	\$347,531	\$250,000	\$97,531
2	E-713	Verdugo Basin Groundwater Storage and Conjunctive Use Feasibility Study	Evaluate the potential of developing a supplemental recharge and conjunctive use program in the Verdugo Basin. Include Groundwater Model	AB303 - Local Groundwater Management Assistance Act of 2000	Jan-04	May-05	Complete	Geomatics, Inc	Greg Hamner	\$185,000	\$185,000	\$0	\$198,732	\$185,000	\$0	\$198,732	\$185,000	\$13,732
3	E-760	Verdugo Basin Geophysical Study	Geophysical Survey of Verdugo Basin including Gravity Survey, Seismic Refraction and Resistivity Survey - Information added to groundwater model	AB303 - Local Groundwater Management Assistance Act of 2000	Aug-05	Jun-06	Complete	Geomatics, Inc	Greg Hamner	\$250,000	\$250,000	\$0	\$250,000	\$250,000	\$0	\$250,000	\$250,000	\$0
4	E-766/ E-733CS	Emergency Water Supply Interconnection between LADWP, CVWD & FMWD	Water Supply Interconnection with LADWP Phase 1 - LADWP/CVWD connection at Orduno Phase 2 - Chlorination Station and connection to FMWD Phase 3 - Piping Upgrades and FMWD's P1 Station	Proposition 50 - Chapter 3 - Water Security	May-06	Apr-16	50% Complete	Civiltec Engineering, Inc	David Byron	\$1,213,850	\$606,975	\$606,975	\$983,376	\$203,678	\$203,678	\$1,200,000	\$600,000	\$600,000
5	M-903	Crescenta Valley County Park Stormwater Recharge Facility Study	Installation of monitoring wells, channel flow gauges and percolation tests to determine if CVC Park can be used for stormwater recharge	AB303 - Local Groundwater Management Assistance Act of 2000	Jul-12	Jul-16	63% Complete	AMEC	Greg Hamner	\$272,500	\$158,450	\$114,050	\$111,028	\$64,559	\$64,469	\$310,000	\$158,450	\$151,550
6	E-940	Crescenta Valley Water District and Glendale Water and Power's Rockhaven Well Project	Installation of Well 16 at Rockhaven Site	Department of Water Resources - Proposition 84 Round 3 Implementation Grant Program	Jul-14	Apr-16	75% Complete	Cannon Corp, Inc.	Gay Roepke	\$1,195,047	\$873,298	\$521,749	\$983,338	\$527,581	\$194,377	\$1,300,000	\$873,298	\$426,702
7	E-956	Nitrate Removal Treatment Facility at Well 2 Project	Install New Nitrate Removal Treatment Facility and re-activate Well 2	Proposition 84 2015 Integrated Regional Water Management Grant Program	Jul-15	Jun-17	15% Complete	SA Associates, Inc	Jorge Leno	\$1,798,563	\$705,775	\$1,092,788	\$147,511	\$0	\$0	\$1,800,000	\$705,775	\$1,094,225
Total										\$5,164,960	\$3,029,448	\$2,135,512	\$3,021,516	\$1,480,818	\$444,524	\$5,406,263	\$3,022,523	\$2,383,740

Crescenta Valley Water District

Summary of Emergency Water Supply Interconnection between LADWP, CVWD & FMWD

ID No.	E-Job No.	Project Title	Project Description	Funding	Start Date	End Date	Status	Consultant	Contact Person	Total Project Amount	Grant Amount	CVWD Amount	CVWD Expenditures to Date	Grant Reimbursement to Date	CVWD Amount as part of Grant to Date	CVWD Actual Amount (Estimate)	CVWD Actual (Over)/Under Total Project Amount
4A	E-766		Phase 1 - LADWP/CVWD connection at Ordunio		Feb-13	Apr-16	50% Complete	Civiltec Engineering, Inc	Terry Kerger	\$450,000	\$225,000	\$225,000	\$233,245	\$37,245	\$37,245	\$308,300	\$141,700
4B	E-733CS-1		Phase 2 - Chlorination Station and connection to FMWD		Sep-15	Nov-15	Complete	Civiltec Engineering, Inc	Terry Kerger	\$100,000	\$50,000	\$50,000	\$113,512	\$39,164	\$39,164	\$113,512	(\$13,512)
4B.1	E-733CS-1		Phase 2 - Chlorination Station and connection to FMWD Part 1 - Piping and Vault		Sep-15	Nov-15	Complete	Civiltec Engineering, Inc	Terry Kerger	\$250,000	\$125,000	\$125,000	\$266,495	\$125,000	\$125,000	\$266,495	(\$16,495)
4B.2	E-733CS-2		Phase 2 - Chlorination Station and connection to FMWD Part 2 - Chlorination Bldg		Jul-15	Mar-16	25% Complete	Civiltec Engineering, Inc	Terry Kerger	\$155,000	\$77,500	\$77,500	\$218,910	\$2,269	\$2,269	\$240,000	(\$85,000)
4B.3	E-733CS-3		Phase 2 - Chlorination Station and connection to FMWD Part 3 - Purchase and Install Treatment Equipment		Sep-15	Mar-16	25% Complete	Civiltec Engineering, Inc	Terry Kerger	\$75,000	\$37,500	\$37,500	\$43,661	\$0	\$0	\$50,000	\$25,000
4B.4	E-733CS-4		Phase 2 - Chlorination Station and connection to FMWD Part 4 - Electrical and SCADA Equipment		Oct-15	Apr-16	25% Complete	Civiltec Engineering, Inc	Terry Kerger	\$75,000	\$37,500	\$37,500	\$68,606	\$0	\$0	\$75,000	\$0
4B.5	E-733CS-5		Phase 2 - Chlorination Station and connection to FMWD Part 5 - Collaborative Work Performed by CVWD Crews		Nov-15	Mar-16	75% Complete	Civiltec Engineering, Inc	Terry Kerger	\$75,000	\$37,500	\$37,500	\$38,946	\$0	\$0	\$45,000	\$30,000
4B.6	E-733CS-6		Phase 2 - Chlorination Station and connection to FMWD Part 6 - Other Work		Jan-16	Apr-16	0% Complete	Civiltec Engineering, Inc	Terry Kerger	\$33,850	\$16,925	\$16,925	\$0	\$0	\$0	\$15,000	\$18,850
Total										\$1,213,850	\$606,925	\$606,925	\$983,376	\$203,678	\$203,678	\$1,113,308	\$100,542

Preliminary
16/17 CIP Program
And
10-YR CIP Program

Capital Improvement Project Program 10-year CIP Budget		Projected FY 15/16	Budget FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20	Forecast FY 20/21	Forecast FY 21/22	Forecast FY 22/23	Forecast FY 23/24	Forecast FY 24/25	Forecast FY 25/26
1. Water Supply												
A. Groundwater												
i. Well Rehabilitation												
	Well 11 Rehabilitation	\$ 14,900										
	Well 7 Rehabilitation	\$ -										
	Well 7 Rehabilitation		\$ 60,000									
	Well 10 Rehabilitation		\$ 60,000									
	Well 14 Rehabilitation		\$ 50,000									
	Well 6 Rehabilitation			\$ 75,000								
	Well 12 Rehabilitation			\$ 75,000								
	Well 9 Rehabilitation				\$ 75,000							
	Well 15 Rehabilitation				\$ 50,000							
	Well 1 Rehabilitation					\$ 75,000						
	Well 14 Rehabilitation					\$ 50,000						
	Well Rehabilitation (2 Wells per year)						\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
ii. New Wells												
	Well 16 - Equipment & Pipeline - Design	\$ 169,200										
	Well 16 - Construction (Grant - Matching Funds)	\$ 315,800										
	Re-Activate Well 2 - Design	\$ 426,500	\$ 30,000									
	Re-Activate Well 2 - Construction		\$ 780,000									
	Well 18 (Sycamore House) - Design			\$ 120,000								
	Well 18 (Sycamore House) - Construction				\$ 900,000							
	Well 19 - Design							\$ 120,000				
	Well 19 - Construction								\$ 1,100,000			
iii. Studies												
	Update Water Well Replacement Study					\$ 100,000						
	Pilot Hole Study							\$ 200,000				
B. Imported Water												
	CVWD/LADWP Inter. at Ordunio (Grant - Matching Funds)	\$ (112,700)										
	Ocean View Chlorination St (Grant - Matching Funds)	\$ 121,700										
	Ocean View - Equip. & Elect (Grant - Matching Funds)	\$ 58,200										
C. Groundwater Basin Recharge												
	Storm Water Recharge Study (Grant - Matching Funds)	\$ 18,700										
	Stormwater Recharge Project - Design		\$ 150,000									
	Stormwater Recharge Project - Construction			\$ 500,000	\$ 500,000							
D. Recycled Water System												
i. Recycled Water												
ii. Membrane Bioreactor Technology												
WS Total		\$ 1,012,300	\$ 1,130,000	\$ 650,000	\$ 745,000	\$ 1,025,000	\$ 250,000	\$ 350,000	\$ 270,000	\$ 1,250,000	\$ 150,000	\$ 150,000

Capital Improvement Project Program 10-year CIP Budget	Projected FY 15/16	Budget FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20	Forecast FY 20/21	Forecast FY 21/22	Forecast FY 22/23	Forecast FY 23/24	Forecast FY 24/25	Forecast FY 25/26
2. Water Storage											
A. Reservoir Rehabilitation											
i. Roof/Vents Rehabilitation											
Oak Creek #1 - Roof/Air Vents/Recoat		\$ 350,000									
Oak Creek #2 - Roof/Air Vents/Recoat			\$ 350,000								
Rosemont - Roof/Air Vents				\$ 250,000							
Markridge - Air Vents					\$ 125,000						
Goss Canyon #1 & #2 - Roof/Air Vents						\$ 250,000					
ii. Steel Reservoir Re-Coating											
Ordunio Reservoir - Recoating - Design							\$ 25,000				
Ordunio Reservoir - Recoating - Construction								\$ 365,000			
Edmund #2 Reservoir - Recoating - Design								\$ 25,000			
Edmund #2 Reservoir - Recoating - Construction									\$ 350,000		
Cresta Hts #1 & 2 Reservoir - Recoating - Design									\$ 25,000		
Cresta Hts #1 & 2 Reservoir - Recoating - Construction										\$ 550,000	\$ 550,000
iii. Concrete Reservoir Rehabilitation											
Encinal Reservoir - Concrete Rehabilitation				\$ 100,000							
iv. Corrosion Protection											
Cathodic Protection Inspection & Replacement			\$ 110,000								
v. Overflow & Drain System Upgrade											
Upgrade Overflow/Drain System - Design		\$ 45,000									
Ocean View Reservoir - Overflow/Drain - Construction		\$ 450,000									
B. Reservoir Water Quality											
i. Water Mixing System											
Reservoir Water Quality & Mixing System Study						\$ 75,000					
Water Quality Mixing System - Design							\$ 75,000				
Water Quality Mixing System - Construction								\$ 150,000		\$ 150,000	\$ 150,000
iv. Replace common inlet and outlet piping											
C. New Reservoir Water Storage											
Ocean View Reservoir (Top of Ocean View)											
WS Total	\$ -	\$ 845,000	\$ 460,000	\$ 350,000	\$ 125,000	\$ 325,000	\$ 100,000	\$ 540,000	\$ 375,000	\$ 700,000	\$ 700,000

Capital Improvement Project Program 10-year CIP Budget	Projected FY 15/16	Budget FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20	Forecast FY 20/21	Forecast FY 21/22	Forecast FY 22/23	Forecast FY 23/24	Forecast FY 24/25	Forecast FY 25/26
3. Water Distribution											
A. Pipeline Replacement											
2600 Block - Harmony Place - 450 LF	\$ 125,900										
3900 Block - Park Place - 450 LF	\$ 125,900										
3900 Block - Glenwood - 650 LF	\$ 218,200										
2800 Block - Prospect & 4400 Block - Glenwood - 800 LF	\$ 57,400										
Lower Pickens Canyon Crossing & Slope - 600 LF	\$ 125,000	\$ 500,000									
Annual Pipeline Replacement - 2,000 LF		\$ 500,000									
Annual Pipeline Replacement - 4,000 LF			\$ 1,000,000								
Annual Pipeline Replacement - 4,000 LF				\$ 1,000,000							
Annual Pipeline Replacement - 4,000 LF					\$ 1,000,000						
Annual Pipeline Replacement - 4,000 LF						\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,300,000	\$ 1,500,000	\$ 1,500,000
B. New Pipelines											
C. Booster Pump System											
i. Annual Pump /Motor Replacement											
1 - Booster	\$ -										
1 - Booster		\$ 35,000									
Annual Booster Replacement - 2 Boosters			\$ 70,000	\$ 70,000	\$ 75,000	\$ 75,000	\$ 80,000	\$ 85,000	\$ 90,000	\$ 95,000	\$ 95,000
ii. Pump Station Upgrade											
Upgrade - Paschall Booster Station inlet piping & valves		\$ 75,000	\$ 500,000								
New Booster Pump Station- Goss Canyon				\$ 75,000	\$ 500,000						
New Booster Pump Station - Cresta Heights					\$ 75,000	\$ 500,000					
New Booster Pump Station						\$ 125,000	\$ 600,000	\$ 125,000	\$ 600,000	\$ 125,000	\$ 125,000
iii. VFD Pump Upgrade											
iv. MCC Replacement											
MCC upgrade at Oak Creek	\$ 99,400										
MCC upgrade at Paschall		\$ 75,000	\$ 200,000								
MCC upgrade at Goss Canyon				\$ 75,000	\$ 200,000						
MCC upgrade at Cresta Heights					\$ 75,000	\$ 200,000					
MCC upgrade at Ocean View						\$ 100,000	\$ 200,000				
MCC upgrade at Edmund #2							\$ 100,000	\$ 200,000			
MCC upgrade at Mills Plant								\$ 100,000	\$ 200,000		
MCC upgrade at Encinal									\$ 100,000	\$ 300,000	\$ 300,000
D. Pressure Reducing Stations											
Upgrade PRS - Zone 4 to Zone 3		\$ 45,000									
PRS - Zone 9 to Zone 6			\$ 125,000								
PRS - Zone 10 to Zone 9				\$ 125,000							
PRS - Zone 5 to Zone 4					\$ 125,000						
PRS - Zone 8 to Zone 6						\$ 125,000					
PRS - Zone 8 to Zone 6							\$ 125,000				
Annual PRS Installation								\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
E. Miscellaneous Projects											

Capital Improvement Project Program 10-year CIP Budget	Projected FY 15/16	Budget FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20	Forecast FY 20/21	Forecast FY 21/22	Forecast FY 22/23	Forecast FY 23/24	Forecast FY 24/25	Forecast FY 25/26
i. Water Surge Control											
Rehabilitation Surge Tank at Glenwood	\$ -	\$ 65,000									
Rehabilitation Surge Tank at Paschall			\$ 75,000								
Surge Analysis Study						\$ 125,000					
ii. Street/Utility/ Meter Adjustment & Upgrade											
iii. Misc.											
Repairs to Ramsdell Mixing Station		\$ 35,000									
WD Total	\$ 751,800	\$ 1,330,000	\$ 1,970,000	\$ 1,345,000	\$ 2,050,000	\$ 2,450,000	\$ 2,305,000	\$ 1,835,000	\$ 2,415,000	\$ 2,145,000	\$ 2,145,000
4. Water Treatment											
A. Nitrate Removal											
i. Glenwood											
Replace Ion Exchange Resin at Glenwood							\$ 400,000				
ii. Mills											
Ion Exchange Plant at Mills - Design						\$ 135,000					
Ion Exchange Plant at Mills - Construction							\$ 1,000,000				
B. Chlorine Disinfection											
New Chlorination Station at Markridge Reservoir			\$ 75,000								
New Chlorine Analyzers at Various Sites					\$ 75,000		\$ 75,000	\$ 75,000	\$ 75,000		
C. Convert to Chloramines											
D. New Federal and State Regulations											
E. Water Quality Studies											
F. MTBE Removal											
WT Total	\$ -	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ 135,000	\$ 1,475,000	\$ 75,000	\$ 75,000	\$ -	\$ -
5. Technology											
A. Automated Meter Information (AMI) System											
Conversion of 3/4" & 1" meter		\$ 240,000	\$ 240,000	\$ 240,000							
Conversion of Large Meters & Fire Services		\$ 135,000	\$ 135,000	\$ 135,000							
Install & Integration of AMR & Fix Area Network			\$ 385,000	\$ 385,000							
B. Supervisory Control and Data Acquisition (SCADA) System											
SCADA RTU Replacement (35 sites) - Design	\$ -										
SCADA RTU Replace - Equipment & Integration	\$ 56,000	\$ 400,000	\$ 300,000	\$ 200,000							
C. Graphical Information System (GIS)											
TECH Total	\$ 56,000	\$ 775,000	\$ 1,060,000	\$ 960,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Improvement Project Program 10-year CIP Budget		Projected FY 15/16	Budget FY 16/17	Forecast FY 17/18	Forecast FY 18/19	Forecast FY 19/20	Forecast FY 20/21	Forecast FY 21/22	Forecast FY 22/23	Forecast FY 23/24	Forecast FY 24/25	Forecast FY 25/26
6. Public Safety/Emergency Response												
A. Emergency Electrical Generators												
B. Water Storage												
Seismic Sensors & Valve Actuators - Duns/Pickens	\$ -	\$ 75,000										
Seismic Sensors & Valve Actuators - Ordunio			\$ 80,000									
Seismic Sensors & Valve Actuators - Oak Creek				\$ 150,000								
C. Security												
D. Miscellaneous												
SF/ER Total	\$ -	\$ 75,000	\$ 80,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7. Facilities & Planning												
A. Main Office												
Expansion with New Roof with Solar Panels												
Building Seismic Analysis Study												
B. Glenwood Plant												
Expansion of Electrical/SCADA Equipment Bldg.						\$ 50,000						
C. Mills Plant												
D. Reservoir Site Improvements												
Roof Replacement at Old Encinal						\$ 115,000						
Pickens - Access Road Improvements						\$ 70,000	\$ 250,000	\$ 250,000				
Edmund #2 - Lower Access Road Improvements							\$ 80,000	\$ 350,000				
Edmund #2 - Upper Access Road Improvements									\$ 350,000			
Cresta Heights - Site Improvements									\$ 90,000			
Rosemont - Site Improvements										\$ 125,000	\$ 125,000	
Shields - Access Road Improvements										\$ 100,000	\$ 100,000	
5. Misc. Properties												
6. District Planning												
Strategic Planning												
Asset Management Study												
F & P Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,000	\$ 330,000	\$ 600,000	\$ 440,000	\$ 225,000	\$ 225,000	
Capital Improvement Projects - Total	\$ 1,820,100	\$ 4,155,000	\$ 4,295,000	\$ 3,550,000	\$ 3,275,000	\$ 3,395,000	\$ 4,560,000	\$ 3,320,000	\$ 4,555,000	\$ 3,220,000	\$ 3,220,000	
Budget Amount in Cashflow Model	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	
Amount over/under Budget	\$ (179,900)	\$ 2,155,000	\$ 2,295,000	\$ 1,050,000	\$ 775,000	\$ 895,000	\$ 2,060,000	\$ 820,000	\$ 2,055,000	\$ 720,000	\$ 720,000	