# 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 June 7, 2016 at 7:00 p.m.**

**Posted: June 3, 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 Regular Meeting on May 17, 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. **Strategic Planning** – Discussion of approach, schedule, and management of the strategic planning process.
2. **FY 2016/17 Water and Wastewater Budgets** – Discussion regarding the preliminary FY 2016/17 Water and Wastewater Budgets.

**Information Items**

**Written Communications to District**

**Staff Reports**

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

- **Information Technology**

**<u>Attorney Report</u>**

**<u>Reports of Committees</u>**

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

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

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

**<u>Closed Session</u>**

- **<u>Conference with Legal Counsel</u>**
  - Existing litigation pursuant to paragraph (1) of subdivision (d) of Section 54956.9: Crescenta Valley Water District vs. City of Glendale, et al., Los Angeles Superior Court case no. BC595199.
- **<u>Public Employment (§54957b)(1): Superintendent</u>**
  - Public Employee performance evaluation: Superintendent
- **<u>Conference with Labor Negotiators (§54957.6)</u>**
  - District negotiators: Thomas Love and Ron Mitchell
  - Employee organization: AFSCME
- **<u>Conference with Labor Negotiators (§54957.6)</u>**
  - District negotiators: Thomas Love
  - Employee organization: Management Unit

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

**<u>Adjournment</u>**

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# CRESCENTA VALLEY WATER DISTRICT
## REGULAR MEETING, BOARD OF DIRECTORS
**May 17, 2016**

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, made at the Adjourned Regular Meeting of April 19, 2016, a Regular Meeting was held on May 17, 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**<br>**Michael L. Claessens**<br>**Kerry D. Erickson**<br>**Kenneth R. Putnam**<br>**Judy L. Tejeda** |
| **Attorney:** | **Roland Trinh** |
| **General Manager:** | **Thomas A. Love** |
| **Secretary-Treasurer:** | **Ron L. Mitchell** |
| **District Engineer:** | **David S. Gould** |
| **Others Present:** | **Wendy Holloway, Customer Accounts Supervisor**<br>**Christy Scott, Program Specialist**<br>**Dennis Maxwell, Maintenance Supervisor** |

**PLEDGE OF ALLEGIANCE**

President Erickson opened the meeting by leading the Board and staff in reciting the Pledge of Allegiance.

**ADOPTION OF AGENDA**

**It was moved by Director Tejeda, seconded by Director Bodnar and carried by a 5-0 vote that the Agenda for the Regular Meeting of May 17, 2016 be adopted as presented.**

**PUBLIC COMMENT** – Mr. Chonos addressed the Board regarding the meeting that was held on April 19, 2016, and on large lots. He spoke for over ten minutes. Mr. Colcord spoke regarding the Rosemont Preserve and they are having a hike on June 26, 2016, from 9:00 to 11:00 a.m. and is encouraging the Board to attend. Mr. Schulke is requesting that the District start finding a way to collect storm water run-off.

**FOOTHILL MUNICIPAL WATER DISTRICT REPORT** – No Report

**CONSENT CALENDAR**

**It was moved by Director Bodnar, seconded by Director Putnam and carried by a 5-0 vote to approve the Minutes of the Adjourned Regular Board Meeting held on April 19, 2016**

**and the Special Board Meeting held on April 26, 2016 and to ratify the disbursements for April 2016 which consisted of:**

**Payment of demands against the Crescenta Valley Water District on or before April 30, 2016 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 Nine Hundred Forty Six Thousand Seventeen dollars and Two cents (946,017.02), which is composed of the individual items set forth herein.**

## ACTION CALENDAR

**Public Hearing on the 2015 Urban Water Management Plan** – Mr. Love reported that the final draft of the Urban Water Management Plan is available to the public, and has been published in the local media and is on the District's website. The Urban Water Management Plan was due on December 2015; however, an extension was given so it is now due July 1, 2016. The Board discussed the Urban Water Management Plan and they are all in support.

President Erickson opened the public hearing at 7:15 p.m. Mr. Colcord stated that he has read it and looks great, however he hasn't read the one from five years ago, so he doesn't know of the changes that have been made. Having no other comments, President Erickson closed the public hearing at 7:30 p.m.

**Resolution No. 729** – Ms. Scott reminded the Board that FMWD had contracted with SA and Associates for the preparation of their UWMP and that the District also used them for efficiency and continuity. She said that a draft copy had been supplied to each director and legal counsel and all comments received were considered and incorporated into a final draft report. Legal counsel was to perform one last review before final submittal.

Following discussion;

**It was moved by Director Bodnar, seconded by Director Putnam to adopt Resolution No. 729 for the 2015 Urban Water Management Plan (UWMP) with legal counsel to review any changes by the following roll call vote:**

| | |
|---|---|
| **AYES:** | **Director Bodnar** |
| **AYES:** | **Director Claessens** |
| **AYES:** | **Director Erickson** |
| **AYES:** | **Director Putnam** |
| **AYES:** | **Director Tejeda** |
| **NOES:** | **None** |

**Discussion Regarding Water Conservation** – Mr. Love reported that on Tuesday May 10, 2016, MWD had their Board meeting and voted to rescind their water supply allocation from stage 3 and go back to stage 2. On May 9, 2016, Governor Brown issued his latest executive order "Making Water Conservation a California Way of Life". This allows the State flexibility for adjustments in conservation targets. Now that MWD has lifted its water supply allocation, under Resolution No. 682, the General Manager has the authority to change the District's water conservation level. Following discussion with the Board, Mr. Love will change from the

"Orange Alert" to the "Yellow Alert" which will allow outdoor watering 3 days per week. This change will take effect on May 26, 2016.

**FY 2016/17 Water and Wastewater Budgets** – The Director's discussed changing the watering days, and follow through with the rate increase to try to bring the reserves back up to the targeted amount.

**INFORMATION ITEMS** – None

**WRITTEN COMMUNICATIONS TO DISTRICT** – None.

**REPORTS OF PERSONNEL**

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

**Investment Portfolio Summary – as of May 13, 2016:**

| | |
|---|---|
| Cash Accounts | $306,118 |
| Great Pacific Securities | |
| Bond Debt Service Fund Acct | $424,230 |
| Local Agency Investment Fund | $2,881,273 |
| Transfer from MTBE Reserve | $2,000,000 |
| Federal Farm Credit (83) | $500,095 |
| Federal Farm Credit (87) | $500,000 |
| Federal Farm Credit (100) NEW | $1,258,720 |

**MTBE Contingency Funds**

| | |
|---|---|
| Local Agency Investment Fund | $4,000,000 |
| Great Pacific Securities | $1,741,141 |
| Transfer to Water Reserve | ($2,000,000) |
| Federal Farm Credit (M-44) | $1,136,400 |
| Federal Farm Credit (M-47) | $1,277,460 |
| Federal Farm Credit (M-48) NEW | $518,915 |
| Federal Farm Credit (M-49) NEW | $1,260,763 |

**Fund Balances**

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

Mr. Mitchell also did a recap of Investments for the FY 2015/16.

**GENERAL MANAGER** – Mr. Love reported on the third quarter budget report and water conservation. He also reported that there is one employee anniversary: Kellen Boyce has been with the District for 14 years. As of May 13th, the district has worked 703 days without a lost time accident.

## DISTRICT ENGINEER

**Water Production** – For the period of April 1 through April 30, 2016, water production averaged 92.5 million gallons per day, which is **11.6% 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 – 26.3% less than March 2013 – October 2013 period.

For the period of May 1 through May 15, 2016, water production averaged 43.7 million gallons per day, which is **6.6% less** than the daily average production of the same period in 2015. This is **26.4% less** from the daily average production of the previous five years.

| | |
|---|---|
| **Rainfall: April 2016** | **0.75"** |
| **Season-to-date:** | **12.92"** |

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

**Rainfall Update** – 0.75" for April 2016. Rainfall total for 2015-16 is 12.92".

**Report on Engineering**

**CIP Projects** – Ocean View Chlorination Project – Electrical Work – Under Construction. Treatment System – waiting on equipment. Testing – preliminary set for early June. Pipeline Projects – 3900 Block of Park Place - complete. 2700 Block of Harmony – shutdown fort tie in May 18, 2016. 3700 Block of Glenwood – Held community meeting on May 5, 2016; Work to start May 16, 2016. 2800 Block of Prospect (by La Crescenta Elementary School) to start June 6, 2016. Pickens Canyon Slope repair – working on scope of work for pipeline replacement and slope restoration. Wall at Ordunio Reservoir – Received bids – one bid, $50K over estimate; need to re-bid.

**Well 16** – Met with GWP to review invoicing procedure and credit for Grant reimbursement.

**Water and Wasterwater Cost of Service Study** – Working on draft Cost of Service.

**Nitrate Removal Treatment Facility at Well 2 Project** – 50% technical memorandum by June 6, 2016.

**Crescent Valley County Park Stormwater Recharge Facility Study** – Task Force Meeting – May 25, 2016. Report due by June 30, 2016.

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

**Water Meter Replacement Program** – FY 15/16 Water Meter Replacement Program – replaced 805 meters to date.

**Report on Administrative and Field Operations:**

**Well Status** – Well production capacity averaging 2.2 MGD for April. Well production capacity averaging 2.19 MGD for May. Well 12 out of service for bacteriological problems and should be back in service by May 16, 2016.

**Field Maintenance and Operations update for April 20 – May 13, 2016**

**Water lateral leaks & repairs**

- 2957 Hermosa
- 2744 Harmony
- 3053 Los Olivos

- 5311 Ramsdell
- 2338 Mountain
- 3145 Brookhill
- 2346 Caracas
- 5541 Rock Castle
- 3307 Alabama

**Water Main Leaks** – 4300 Block of Ocean View (LCID pipeline)

**Reservoir Maintenance** – No Report

**Fire Hydrant Repair** – No Report

**Developer Job** – No Report

**Reservoir Maintenance** – No Report

**Sewer Maintenance** – 2500 – 2800 Block of Altura. 2600 – 2700 Block of Prospect. 2500 Block of Evelyn. 4300 – 4400 Block of Briggs. 2600 – 2700 Block of Ridgepine. 5300 – 5800 Blocks of Pineglen. 2600 Block of Seapine. 2700 Block of Mountain Pine. 2700 Block of Brierhaven. 4300 – 4400 Block of La Crescenta.4300 Block of Sunset. 2500 – 2600 Block of Mayfield. 2700 Block Starfall. 2600 – 2700 Block of Timberlake. 2700 Block of Fierro Circle. 5300 Block of Pineridge.

**PROGRAM SPECIALIST** –

**Monitoring Report Submitted to State for April 2016:**

*__Production Numbers__*

| | |
|---|---|
| • Total Water Production April 2016: | 284 AF |
| • Total Water Production April 2013: | 369 AF |
| • Percent Reduction: | 25% |
| • Residential Gallons per Capita per Day(R-GPCD) April 2016: | 84 |

***Compliance Reporting**

| | |
|---|---|
| • Days of outdoor Irrigation Allowed: | 2 |
| • Number of Water Waster Complaints: | 7 |
| • Number of Follow-ups: | 7 |
| • Number of Warnings: | 7 |
| • Number of Penalties: | 0 |

*__Mandatory Water Reduction Goal__*

| | |
|---|---|
| • Compliance Period: | June 2015 – October 2016 |
| • Compliance Goal (Based on a 22% required reduction): | 1530 AF |
| • Acre Feet Saved for April | 85 AF |
| • Acre Feet Saved to Date | 1117 AF |
| • Percentage of Goal Saved | 73.4% |
| • Acre Feet Saved Beyond Required Target | 413 AF |

Mandatory Water Reduction Goal numbers have been updated to reflect the new compliance target as calculated to extend the State compliance period through October 2016. The required reduction is being calculated at 22% which represents the required reduction calculated according to the State method less the 2% variance for Evapotranspiration (ETO) rate in zone 9. Self-certification forms will be submitted to the State following the State's passage of the proposed revised water conservation legislation. SB 814 bill has not been amended since the previous version.

**INFORMATION TECHNOLOGY** – No Report

**ATTORNEY** – No Report

**REPORTS OF COMMITTEES**

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

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

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

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

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

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

**DIRECTORS ORAL REPORTS**

Director Bodnar reported he was at MWD on May 9th and 10th and listened in on the Water Planning & Stewardship Committee and the Board meeting. They discussed the allocation and approved their UWMP, however not unanimously, and there was discussion on the Delta Wetlands. He also said that he only used 5 units of water which is the lowest for that property.

Director Tejeda – No Report

Director Putnam reported that he went to the ACWA Conference and attended various sessions. He said that there is a committee of 6 people that will make the decisions regarding the tunnels in the Delta. He also attended a session on stormwater capture and injection into the ground.

Director Claessens reported that he attended the ACWA Conference and sat in on a session that focused on rate setting and tiered or budget based billing. He also said that Las Virgenes Water has a budget based billing and it was very costly to have this billing rate installed.

Director Erickson reported that he attended the ACWA Conference and sat in on the energy session which discussed the Aliso Canyon gas situation and will probably cease operation due to rising costs. He also attended a general networking session and found that several districts have the same problems and challenges that we face.

**CLOSED SESSION** – No reportable action

**ADJOURNMENT**

There being no other business to come before the Board at 9:22 p.m., it was moved by Director Tejeda and seconded by Director Claessens that the meeting be adjourned to June 7, 2016 at 7:00 p.m.

**APPROVED**

| | |
|---|---|
| ____________________________ | ____________________________ |
| Kerry D. Erickson | Ron L. Mitchell |
| President | Secretary-Treasurer |

# CRESCENTA VALLEY WATER DISTRICT
## BOARD OF DIRECTORS - STAFF REPORT

Item No. 1
June 7, 2016

**To:** Honorable President and Members of the Board of Directors

**From:** Thomas A. Love, General Manager

**Subject:** **Discussion on Strategic Planning Work Plan**

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**ACTION ITEM:**

1. **Strategic Planning Work Plan** – Discussion of approach, schedule, and management of the strategic planning process.

**BACKGROUND:**

In 2005 the Board and staff initiated a strategic planning process resulting in a "2005-2010 Strategic Plan". In 2011 the Board and staff again initiated a strategic planning process which resulted in a facilitated public workshop with the Board to define the District's issues relative to preparing the FY 2011/12 budget.

On October 20$^{th}$, 2015 the Board and General Manager identified development of an updated strategic plan as an objective to be completed in 2016.

**DISCUSSION:**

There are several strategic planning approaches with an external facilitator or without. Regardless of the strategic planning approach, the purpose of strategic planning is to: 1) Clearly define the objectives of the District; 2) Provide a roadmap for aligning activities and resources to achieve a common objective; and 3) Present a concise plan to stakeholders. Stakeholders include staff, customers, regulators, partner districts and agencies and the community.

Approach:

Staff is prepared to initiate the strategic planning process with the Board and stakeholders. The General Manager will administer and Legal Counsel will facilitate the process. The approach will consist of a series of strategic planning workshops. General topics for the workshops include:

- Strategic Planning Overview
- Mission Statement
- Management Philosophy – Value Statement
- Strengths, Weaknesses, Opportunities, Threats (S.W.O.T. Analysis)
- Direction for the Future – Vision Statement
- Goals and Objectives

Specific topics will be determined during the workshops. Specific topics can include finance, organization structure and workforce planning, infrastructure, customer service, community outreach, and water resources.

<u>Additional Resources:</u>

The U.S. Environmental Protection Agency, in collaboration with the American Water Works Association and several other organizations, recognizing the need for effective utility management has published “Effective Utility Management, A Primer for Water and Wastewater Utilities” (Introductory Chapter Attached). This primer will be used as a guidance document for the Districts strategic planning process.

<u>Schedule:</u>

The following is a general schedule for the strategic planning process. Individual workshop durations can range from a few hours (2-4 hours) to a full day, depending on the Board’s preference and discussion topics. Specific dates and times will be determined by the Board.

| | |
|---|---|
| • Workshop I | July 2016 |
| • Workshop II | August 2016 |
| • Workshop III | October 2016 |
| • Workshop IV (if needed) | November 2016 |
| • Draft Strategic Plan | November 2016 |
| • Adopt Strategic Plan | December 2016 |

Prepared & Submitted by:

Thomas A. Love, P.E.
General Manager

# I. Effective Utility Management

Water and wastewater utilities across the country face common challenges. These include rising costs, aging infrastructure, increasingly stringent regulatory requirements, population changes, and a rapidly changing workforce. While many utility managers find themselves turning from one urgent priority to the next, others have systematically applied effective utility management approaches that have helped them improve their products and services, increase community support, and ensure a strong and viable utility long into the future.

Effective utility management can help water and wastewater utilities enhance the stewardship of their infrastructure, improve performance in many critical areas, and respond to current and future challenges. Addressing these challenges also requires ongoing collaboration between government, industry, elected officials, and other stakeholders.

In May, 2007, six major water and wastewater associations and the U.S. Environmental Protection Agency (EPA) signed an historic agreement pledging to support effective utility management collectively and individually throughout the water sector and to develop a joint strategy to identify, encourage, and recognize excellence in water and wastewater utility management. This Effective Utility Management Primer (Primer) is the result of the agreement among the following organizations:

- Association of Metropolitan Water Agencies (AMWA)
- American Public Works Association (APWA)
- American Water Works Association (AWWA)
- National Association of Clean Water Agencies (NACWA)
- National Association of Water Companies (NAWC)
- United States Environmental Protection Agency (EPA)
- Water Environment Federation (WEF)

*Effective utility management is essential to sustaining our nation's water and wastewater infrastructure.*

This Primer is designed to help water and wastewater utility managers make practical, systematic changes to achieve excellence in utility performance. It was produced by water and wastewater utility leaders who are committed to helping utility managers improve water and wastewater management. The Primer distills the expertise and experience of these utility leaders into a framework intended to help a utility manager identify and address their most pressing needs through a customized, incremental approach that is relevant to the day-to-day challenges utilities face.

Rather than focusing on just financial or operational goals, this Primer considers all significant aspects of water and wastewater utility management. The Primer has three primary components:

- *The Ten Attributes of Effectively Managed Water Sector Utilities (Attributes).* These Attributes provide a clear set of reference points and are intended to help utilities maintain a balanced focus on all important operational areas rather than quickly moving from one problem to the next (Section II).
- *Keys to Management Success.* These proven approaches help utilities maximize their resources and improve performance (Section III).
- *Where to Begin–A Self-Assessment Tool.* A utility-tailored self assessment tool helps utility managers identify where to begin improvement efforts. By assessing how a utility performs relative to the Attributes, utility managers can gain a more balanced and comprehensive picture of their organization (Section IV).


*Effective utility management is applicable to all utilities, regardless of size or circumstance*

In addition, the Primer provides a set of sample measures to help utility managers gauge performance and assess improvement progress (Section V). It also provides links to a web-based "resource toolbox" which offers additional information and guidance on effective utility management (Section VI).

Utility managers and stakeholders can use this Primer in a variety of ways. At one end of the spectrum, the Primer can educate utility staff and stakeholders regarding the range of responsibilities faced by water and wastewater managers. At the other end of the spectrum, it can provide a framework for a utility's long-term strategic planning efforts. Regardless of where a utility is in the spectrum, this Primer can help integrate the Attributes of effective utility management with existing strategic, business, and/or asset management plans.

All water and wastewater utilities can benefit from applying this Primer. Each utility has unique management opportunities and challenges, and this Primer provides guidelines and tools that are relevant to any utility, regardless of size, budget, or circumstance. This Primer's aim is to support all water and wastewater utilities in their common mission of being successful 21st century service providers.

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
June 7, 2016

**To:** Honorable President and Members of the Board of Directors

**From:** Ron L. Mitchell

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

**ACTION ITEM:** FY 2016/17 Water and Wastewater Budgets

This is just a placeholder on the agenda in case the Board wishes to discuss the FY 2016/17 Water and Wastewater budgets. At this time staff does not have any new information to provide the Board.

Prepared by:

Ron L. Mitchell
Secretary-Treasurer

Submitted by:

Thomas A. Love
General Manager

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Information item

# CVWD Relaxes Water Conservation Alert Status

Posted by Robin Goldsworthy on May 27th, 2016.

In response to improvements in the available water supplies and reductions in the state mandated conservation target, Crescenta Valley Water District will change from "Orange Water Conservation Alert" to "Yellow Water Conservation Alert" effective today, Thursday, May 26. Limitations on outdoor watering will change from two days per week to three days per week: Tuesday, Thursday and Saturday.

"The community has taken responsibility in response to the call for conservation. This, combined with the improved water supply situation, allows the District to relax the conservation alert status," said Tom Love, CVWD general manager. "However, this is not a license to waste water. Hose washing of pavement, allowing water to run off, and other wasteful practices are permanently prohibited."

Following the driest year on record (2013), the hottest year on record (2014), and the lowest Sierra snowpack ever recorded (2015), the District faced a state mandated water conservation target of 24%. The La Crescenta community's response to the call for water conservation was remarkable, achieving a 26% reduction in water use, conserving 365 million gallons since the April 2015 restrictions. That is enough water to fill the Rose Bowl to capacity four times. "Our annual investments in water conservation education and incentives have really paid off, thanks to the efforts of the community," said Kerry Erickson, board president. CVWD has also increased its available local water supply with the completion of a new well at the former Rockhaven site increasing the District's local water supply by 20%.

Information Item

# News Release

**Foothill Municipal Water District**
**4536 Hampton Road**
**La Cañada Flintridge, CA**
**(818) 790-4036**

Contact: Nina Jazmadarian
General Manager

June 1, 2016

## Water Conservation Eased From Allocation to Extraordinary Conservation

Water conservation was eased from Allocation to Extraordinary Conservation by Foothill Municipal Water District's Board of Directors on May 31, 2016. The Board did not choose to go back to Normal Conservation but rather the higher conservation based on the continued drought in southern California and forecasts that this summer and winter could bring a La Niña or dry weather pattern.

"Continued conservation is an important part of the long-term reliability of the region," said Richard Atwater, President of the FMWD Board and Metropolitan Director. "Water that is conserved by consumers this year would go into storage and be used in future years to offset reduced supplies due to a drought."

The change in conservation levels by FMWD follows on the heels of its supplier, the Metropolitan Water District of Southern California ending the call for mandatory water restrictions based on supplies that it has available. Metropolitan was able to end its mandatory water restrictions based on a combination of high levels of conservation achieved by consumers in the southland and receiving 60% of its entitlement from the State Water Project. The State Water Project provides about one-third of southern

California's water supplies. In comparison, the State Water Project allocation was 20% of entitlement in 2015 and 5% of entitlement in 2014.

"We thank customers for the overwhelming response in conserving," said FMWD General Manager Nina Jazmadarian. "This response has helped ease the conservation restrictions that have been in place."

Foothill Municipal Water District purchases imported water from MWD and distributes it to retail water suppliers in the area. Customers should contact their retail provider to learn more regarding what restrictions continue to be in place and for days of the week that irrigation may occur.

*Foothill Municipal Water District provides imported water to Crescenta Valley Water District, La Cañada Irrigation District, Mesa Crest Water Company, Valley Water Company, Lincoln Avenue Water Company, Las Flores Water Company and Rubio Cañon Land & Water Association. Kinneloa Irrigation District, another retail agency, takes no water from Foothill.*

####

Written Communication

# CRESCENTA VALLEY FIREWORKS Association

RECEIVED

JUN 02 2016

CRESCENTA VALLEY
WATER DISTRICT

Crescenta Valley Fireworks Association
2629 Foothill Blvd. #179 La Crescenta CA 91214
818 248 2271 cvfireworks@aol.com www.cvfireworks.com

June 2, 2016

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

Ken Putnam
James Bodnar
Kerry Erickson
Mike Claessens
Judy Tejeda

Dear Board of Directors:

Crescenta Valley Fireworks will be hosting the annual 4th of July Fireworks celebration on Monday, July 4, 2016.
Due to construction at La Crescenta Elementary School, the entire event will be held at Crescenta Valley High School this year. While it may seem easier, it's the opposite. We will be closing a portion of Ramsdell Avenue for Food Trucks, as there is no parking for them on the school grounds.

We are requesting the use of the CVWD generator in order to provide electrical for the food trucks. I have included a layout to show the location we are talking about. Would it also be possible to have it delivered on Monday, July 4th? It will be on the school grounds, not the street.

CV Fireworks tax ID number is 20-8760626. Thank you for your consideration.

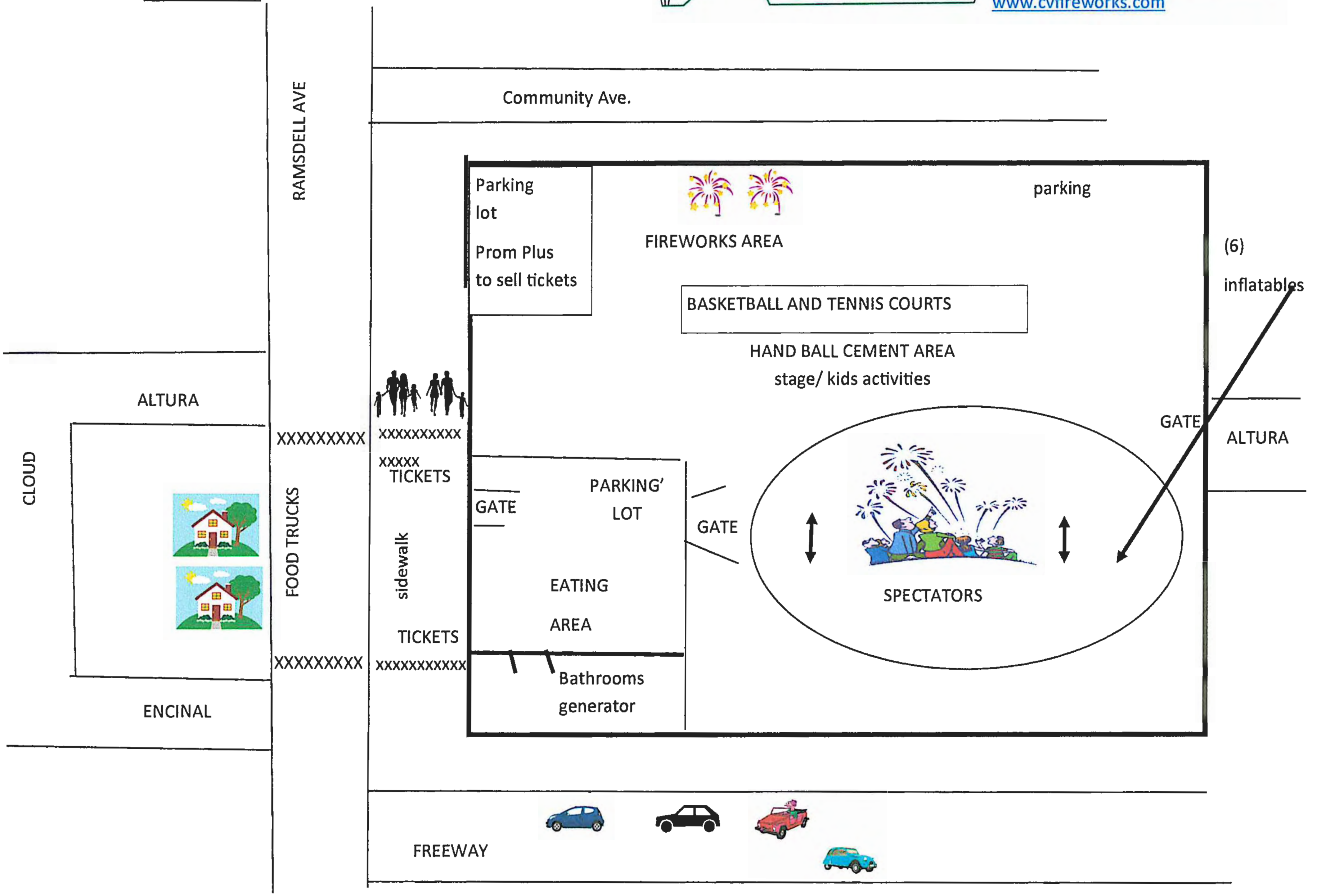
Sincerely,

Jean Maluccio

Jean Maluccio, Secretary
Crescenta Valley Fireworks Association
Cell 818 355 4155

Crescenta Valley Fireworks Association
2629 Foothill Blvd. #179 La Crescenta CA 91214
818 248 2271 cvfireworks@aol.com
www.cvfireworks.com

4200 block of RAMSDELL
no parking signs noon to midnight
Road closure noon to midnight



# CRESCENTA VALLEY WATER DISTRICT
## INVESTMENT PORTFOLIO SUMMARY
### June 7, 2016

| INVESTMENT TYPE | ACCT/CUSIP I.D. NO. | PURCHASE DATE | *FACE VALUE | INVESTMENT COST | % OF TOTAL | **MARKET VALUE | MATURITY DATE | DATE CALLABLE | EARNED TO DATE | YIELD TO MATURITY | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **GENERAL FUNDS** | | | | | | | | | | | |
| GENERAL FUND-SWEEP ACCOUNT | 0631-525246 | | $ 304,746 | $ 304,746 | 1.89% | $ 304,746 | none | n/a | $ 494 | 0.02% | |
| GREAT PACIFIC SECURITIES | GPC-804452 | | $ - | $ - | 0.00% | $ - | none | n/a | $ 8 | 0.02% | |
| BOND DEBT SERVICE FUND | 6948-331525 | | $ 56,966 | $ 56,966 | 0.35% | $ 56,966 | none | n/a | $ 130 | 0.06% | |
| LOCAL AGENCY INVESTMENT FUND | 90-19-007 | | $ 2,881,273 | $ 2,881,273 | 17.91% | $ 2,881,273 | none | n/a | $ 6,598 | 0.46% | Mar 2016 |
| TRANSFER FROM MTBE RESERVE | | | $ 2,000,000 | $ 2,000,000 | 12.43% | $ 2,000,000 | | | | | |
| FEDERAL FARM CREDIT (83) | 3133EAY28 | 10/9/2012 | $ 500,000 | $ 502,885 | 3.13% | $ 500,095 | 9/21/2017 | n/a | $ 3,468 | 0.71% | |
| FEDERAL FARM CREDIT (87) | 3133EC4Y7 | 11/19/2012 | $ 500,000 | $ 500,000 | 3.11% | $ 500,000 | 11/27/2017 | n/a | $ 3,886 | 0.93% | |
| FEDERAL FARM CREDIT (100) NEW | 31331VQG4 | 4/12/2016 | $ 1,000,000 | $ 1,269,540 | 7.89% | $ 1,258,720 | 2/6/2026 | n/a | $ 2,564 | 2.14% | |
| | | | **$ 7,242,985** | **$ 7,515,410** | | **$ 7,501,800** | | | **$ 17,149** | | |
| **CONSTRUCTION FUNDS** | | | | | | | | | | | |
| COPS RESERVE FUND | 108614000 | | $ 617,247 | $ 617,247 | 3.84% | $ 617,247 | none | n/a | $ 121 | 0.02% | |
| | | | **$ 617,247** | **$ 617,247** | | **$ 617,247** | | | **$ 121** | | |
| **MTBE CONTINGENCY FUNDS** | | | | | | | | | | | |
| LOCAL AGENCY INVESTMENT FUND | 90-19-007 | | $ 4,000,000 | $ 4,000,000 | 24.86% | $ 4,000,000 | none | n/a | $ - | 0.46% | Mar 2016 |
| GREAT PACIFIC SECURITIES | GPC-003670 | | $ 853,737 | $ 853,737 | 5.31% | $ 853,737 | none | n/a | $ - | 0.02% | |
| TRANSFER TO WATER RESERVE | | | $ (2,000,000) | $ (2,000,000) | -12.43% | $ (2,000,000) | | | | | |
| FEDERAL FARM CREDIT (M-44) SOLD | 3133ECZR8 | 2/24/2016 | $ - | $ - | 0.00% | $ - | 9/12/2025 | n/a | $ - | 0.00% | |
| FEDERAL FARM CREDIT (M-47) | 31331VWN2 | 4/20/2016 | $ 1,000,000 | $ 1,277,750 | 7.94% | $ 1,277,460 | 4/13/2026 | n/a | $ 1,479 | 1.33% | |
| FEDERAL FARM CREDIT (M-48) NEW | 3133ED4U3 | 5/11/2016 | $ 500,000 | $ 518,915 | 3.23% | $ 518,915 | 10/11/2019 | n/a | $ - | 0.99% | |
| FEDERAL FARM CREDIT (M-49) NEW | 3133EA5N4 | 5/11/2016 | $ 1,250,000 | $ 1,260,763 | 7.84% | $ 1,260,763 | 10/22/2019 | n/a | $ - | 0.99% | |
| US TREASURY (M-50) NEW | 912828R36 | 5/18/2016 | $ 1,000,000 | $ 984,060 | 6.12% | $ 984,060 | 5/15/2026 | n/a | $ - | 1.80% | |
| FEDERAL FARM CREDIT (M-51) NEW | 3133EA5N4 | 5/11/2016 | $ 1,000,000 | $ 1,047,810 | 6.51% | $ 1,047,810 | 12/26/2023 | n/a | $ - | 1.85% | |
| | | | **$ 7,603,737** | **$ 7,943,035** | | **$ 7,942,745** | | | **$ 1,479** | | |
| **TOTAL INVESTMENTS** | | | $ 15,463,970 | $ 16,075,692 | | $ 16,061,792 | | | $ 18,749 | | |
| CASH- PAYROLL ACCOUNT | 0948-024724 | | $ 14,669 | $ 14,669 | 0.09% | $ 14,669 | | | | | |
| **TOTAL CASH AND INVESTMENTS** | | | **$ 15,478,638** | **$ 16,090,361** | **100%** | **$ 16,076,461** | | | **$ 18,749** | **0.74%** | |
| | | | | | | **$ (13,900)** | ***Unrealized Gain/(Loss) on Investments | | | | |

| | |
|---|---|
| Yield on investments including LAIF but not cash accounts | 1.17% |
| Yield on investments not including LAIF or cash accounts | 1.34% |

**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 March 31, 2016**

| | |
|---|---|
| Water | $ 11,758,899.57 |
| Wastewater | $ 4,711,449.75 |
| **Total Funds** | $ 16,470,349.32 |

June 7, 2016

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

# CRESCENTA VALLEY WATER DISTRICT

## BOARD OF DIRECTORS - STAFF REPORT

**To:** Honorable President and Members of the Board of Directors June 7, 2016

**From:** Ron L. Mitchell – Secretary-Treasurer

**Subject:** **Investment Options**

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Annually the Secretary-Treasurer prepares and submits a statement of investment policy for monies not required for the immediate necessities of the local agency in accordance with provisions of California Government Code Sections 5922 and 53601 et seq. to the Board of Directors.

The current Investment Policy is modeled after the state and Staff annually consults with legal counsel regarding any changes made by the legislature in the last year before bringing the new policy to the Board each December. This policy includes the ability to invest in U.S. Treasuries, Federal agency or United States government-sponsored obligations (such as Federal Home Loan Bank, Fannie Mae, Freddie Mac, Ginnie Mae), Commercial paper of prime quality, Negotiable certificates of deposit, and Corporate debt securities among others. This policy also incorporates the amendment to previous policy that allows up to 50% of the total portfolio to be invested in securities with up to a 10-year maturity.

Even though several investment options are outlined and permissible by the state for the District to use for our funds, staff continues to follow the request of the Board to only place such funds in U. S. Treasuries (Treasuries), Federal Farm Credit Bank (FFCB) securities and the Local Agency Investment Fund (LAIF). This request from the Board was in response to the crash in the housing market in 2008 and the lack of confidence in the way these home loan agencies were being run. Staff recommends that we keep all available options open for consideration, but at this time it's getting more difficult to find investment opportunities in Treasuries and FFCB bonds.

Staff is looking to expand our investment opportunities by investing in Federal Home Loan Bank (FHLB) securities. FHLB bonds are more liquid than FFCB bonds as there are more of these bonds available for investors. Current yields on FHLB bonds can be about 10 basis points higher than FFCB bonds and even more over Treasuries. Current yields on 5-year Treasuries are 1.35% and 10-year Treasuries are at 1.80%. Current FFCB yields on 5-year FFCB are 1.40% and 10-year FFCB are at 2.0%. Currently LAIF is at a .45% return rate.

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

It is staff's recommendation to expand the investment opportunities to include FHLB bonds.

Prepared by: Submitted by:

Ron L. Mitchell
Secretary-Treasurer

Thomas A. Love
General Manager

FHLBANKS OFFICE OF FINANCE

# Investor Presentation

May 2016

This is not an offer to sell. FHLBank debt is not an obligation of or guaranteed by the United States and may not be offered or sold in any jurisdiction requiring its registration. No recommendation is made concerning the securities described. Please refer to the offering documents before purchasing these securities.

## FORWARD-LOOKING STATEMENTS

Statements contained in this presentation may be "forward-looking statements," including statements describing the objectives, projections, estimates, or future predictions of the FHLBanks and Office of Finance. These statements may use forward-looking terminology, such as "anticipates," "believes," "could," "estimates," "may," "should," "will," or their negatives or other variations on these terms. Investors should note that, by their nature, forward-looking statements involve risks or uncertainties. Therefore, the actual results could differ materially from those expressed or implied in these forward-looking statements or could affect the extent to which a particular objective, projection, estimate, or prediction is realized.

These forward-looking statements involve risks and uncertainties including, but not limited to, the following: changes in the general economy, employment rates, housing market activity and housing prices, and the size and volatility of the residential mortgage market; volatility of market prices, interest rates, and indices or other factors that could affect the value of investments or collateral held by the FHLBanks resulting from the effects of, and changes in, various monetary or fiscal policies and regulations, including those determined by the Federal Reserve Board and the FDIC, or a decline in liquidity in the financial markets; political events, including legislative, regulatory, judicial, or other developments that affect the FHLBanks, their members, counterparties or investors in the consolidated obligations of the FHLBanks, including changes in the FHLBank Act, housing GSE reform, Finance Agency actions or regulations that affect FHLBank operations, and regulatory oversight; competitive forces, including other sources of funding available to FHLBank members, and other entities borrowing funds in the capital markets; demand for FHLBank advances resulting from changes in FHLBank members' deposit flows and credit demands; loss of large members and repayment of advances made to those members due to institutional failures, mergers, consolidations, or withdrawals from membership; changes in domestic and foreign investor demand for consolidated obligations or the terms of interest-rate exchange agreements and similar agreements, including changes in the relative attractiveness of consolidated obligations as compared to other investment opportunities and changes resulting from any modification of credit ratings; the availability, from acceptable counterparties, of derivative financial instruments of the types and in the quantities needed for risk management purposes; the ability to introduce new products and services and successfully manage the risks associated with those products and services, including new types of collateral used to secure advances; and the effect of new accounting guidance, including the development of supporting systems and related internal controls.

Investors are encouraged to consider these and other risks and uncertainties that are discussed in periodic combined financial reports and in reports filed by each FHLBank with the Securities and Exchange Commission. None of the FHLBanks or the Office of Finance undertakes any obligation to publicly update or revise any forward-looking statements contained in this presentation, whether as a result of new information, future events, changed circumstances, or any other reason.

This data has not been audited and has been prepared for informational purposes only. While it is believed to be correct, accuracy cannot be guaranteed.

# FHLBanks are High-Quality, Low-Risk Housing GSEs

| | | |
|---|---|---|
| Durable | Solid Asset Quality | The fully-collateralized lending model has shielded the FHLBanks from sustaining any credit losses on advances for over 80 years. |
| Scalable | Dynamic Capital Base | The flexible capital base is designed to expand and contract in response to members' borrowing needs. |
| Flexible | Reverse Inquiry Issuance Model | The FHLBanks maintain issuance programs designed to meet changing investor needs, and continue to obtain a majority of funding via reverse inquiry. |

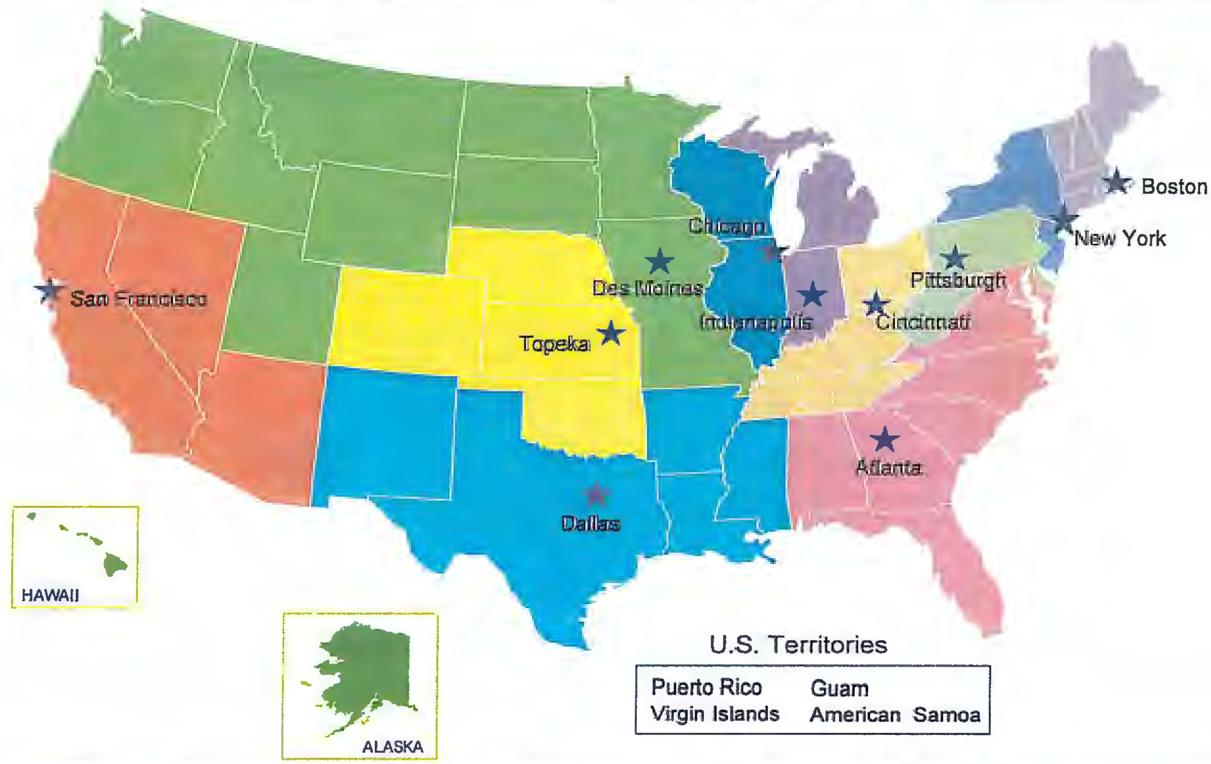
FHLBANKS OFFICE OF FINANCE

# FHLB System Overview

The 11 FHLBanks are government-sponsored enterprises (GSEs) organized under an act of Congress (Federal Home Loan Bank Act of 1932)

FHLBanks serve the general public by providing readily available, low-cost funding to approximately 7,200 members, thereby increasing the availability of credit for residential mortgage lending and investment in housing and community development

FHLBanks fund their operations principally through the sale of debt securities through the Office of Finance

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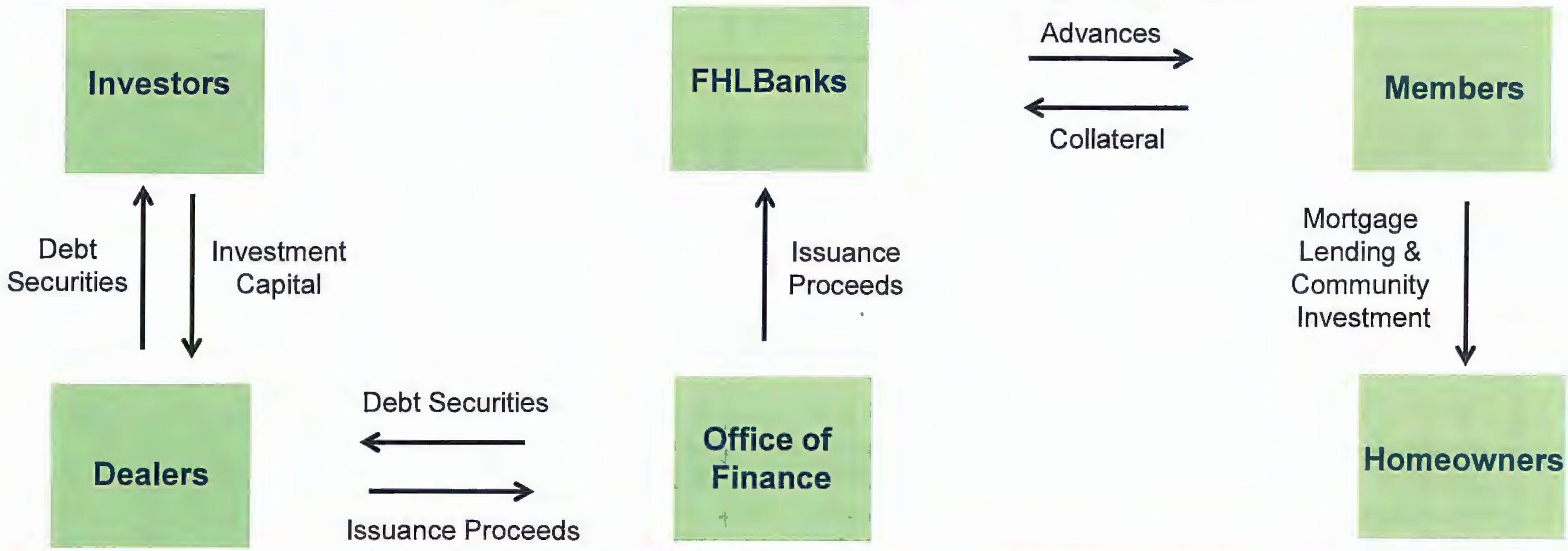
# How the System Works




The eleven regional FHLBanks are linked by:

- A common mission to support housing
- A shared safety and soundness regulator (FHFA)
- A shared responsibility to fully repay all senior unsecured debt obligations

All senior unsecured debt securities issued through the Office of Finance ("Consolidated Obligations") are the **joint and several** obligations of the entire FHLBank System.

Current ratings:

- S&P: AA+ / A-1+ / stable outlook
- Moody's: Aaa / P-1 / stable outlook

# Financial Highlights

| ($ in billions) | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|
| Advances | 479 | 418 | 426 | 499 | 571 | 634 |
| Investments | 330 | 271 | 266 | 243 | 270 | 274 |
| Mortgage Loans Held for Portfolio[1] | 61 | 53 | 50 | 45 | 44 | 44 |
| Other | 8 | 24 | 21 | 47 | 28 | 17 |
| **Total Assets** | **878** | **766** | **763** | **834** | **913** | **969** |
| Retained Earnings | 7.5 | 8.6 | 10.5 | 12.2 | 13.2 | 14.3 |
| Total Capital (GAAP) | 44 | 40 | 43 | 45 | 47 | 48 |
| Regulatory Capital[2] | 57 | 53 | 51 | 51 | 50 | 49 |
| Regulatory Capital Ratio | 6.53% | 6.91% | 6.69% | 6.06% | 5.43% | 5.10% |
| **Net Income** | 2.1 | 1.6 | 2.6 | 2.5 | 2.3 | 2.9 |

(1) MPF®/MPP

(2) The difference between total capital (GAAP) and regulatory capital relates primarily to accumulated other comprehensive income (loss), which is excluded from regulatory capital, and mandatorily redeemable capital stock, which is included in regulatory capital.

FHLBANKS OFFICE OF FINANCE



Source: Historical Combined Financial Reports – subject to rounding

# A Self-Capitalizing Model

## Capital Generally Tracks Advances

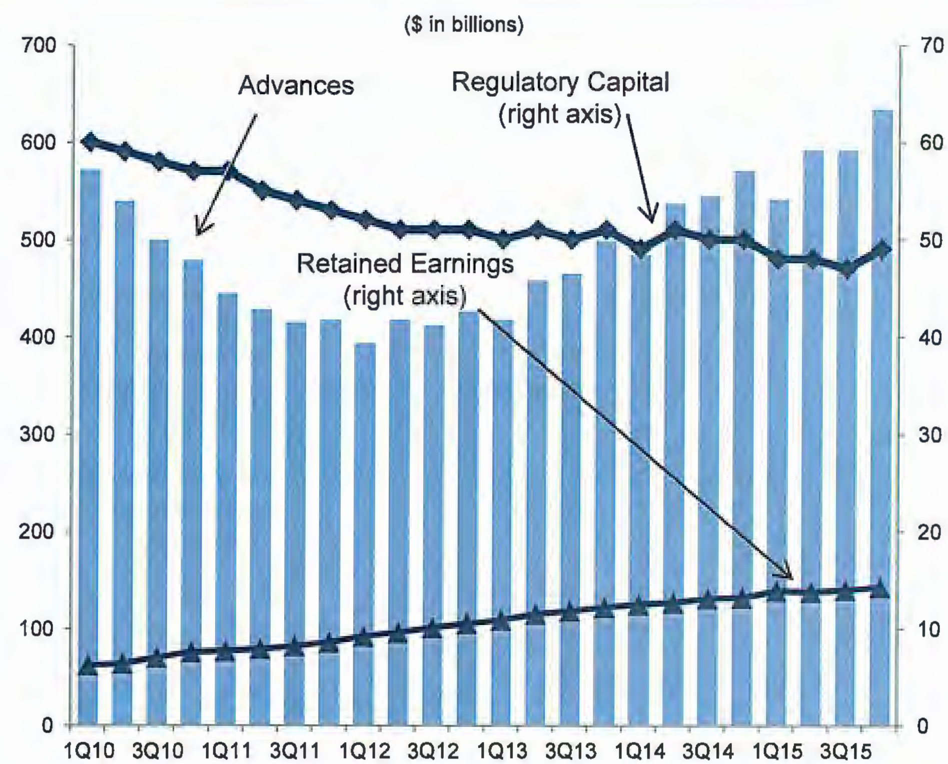
- Members are required to capitalize all advances, typically at 4.0% to 5.0% of principal borrowed
- FHLBanks typically repurchase capital stock once the associated advances have been repaid

## Controlled Scalability: FHLBanks Have Ability to Hold Capital for up to 5 Years

- FHLBanks can manage the traditionally variable capital base to preserve capital during periods of economic stress

## Retained Earnings have grown over 400% since 2008 as the FHLBanks prudently strengthened this component of capital as a risk mitigant for both investors and members

**Capital vs. Advances**



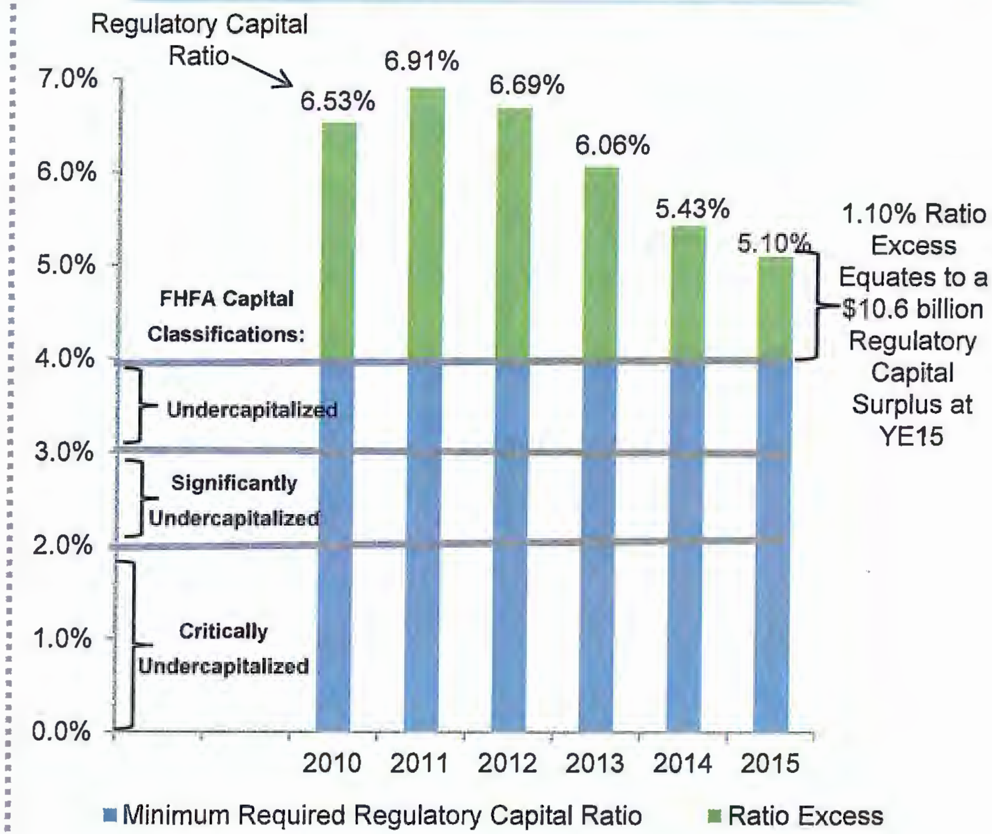

**FHFA regulation prohibits member stock redemption if it could result in FHLBank undercapitalization**

Source: Historical Combined Financial Reports

# Capital Preservation

- FHLBanks may voluntarily suspend or eliminate dividends and/or early excess stock repurchases, and may increase the membership and/or activity-based stock requirements to preserve or create additional capital
- FHFA-ordered prompt corrective action for undercapitalized FHLBanks may include:
  - Development and implementation of capital restoration plans, risk management controls, and/or placing limits on dividends and stock redemptions
  - Increasing capital requirements or temporary surcharges in excess of statutory or regulatory minimums
- FHFA retains the ultimate authority to place any FHLBank into conservatorship, or merge FHLBanks

**Regulatory Capital Ratio Reflects Successful Preservation Efforts**




**FHLBanks' Joint Capital Enhancement Agreement will build retained earnings capital base**



Source: Historical Combined Financial Reports and subject to rounding

# Regulatory Capital Requirements

### Total Capital Ratio
(4% minimum requirement)

Sum of permanent capital (5-year Class B stock plus retained earnings) and amounts paid for Class A stock (6-month redeemable), plus any general loss allowance and other sources approved by the regulator

### Leverage Capital Ratio
(5% minimum requirement)

Sum of permanent capital weighted by a 1.5 multiplier, plus all other capital

### Risk-Based Capital
(minimum requirement varies)

#### Credit Risk

Determined by adding together the credit risk capital charges computed for assets, off-balance sheet items, and derivatives based on percentages assigned by the regulator

#### Market Risk

Sum of the market value of portfolio risk from movements in interest rates that could occur during times of market stress plus any amount by which the current market value of total capital falls short of 85% of book value

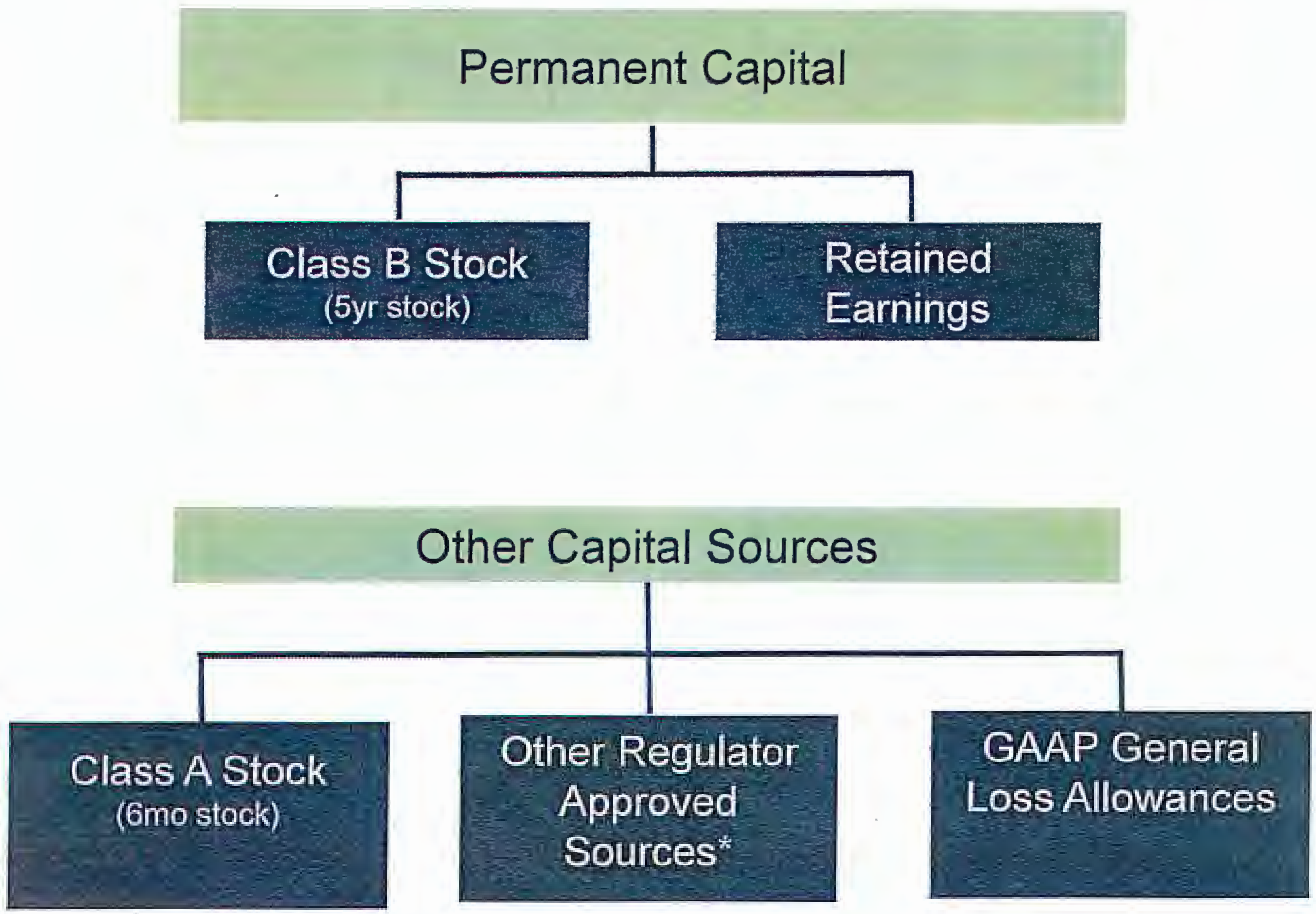
#### Operations Risk

Equal to 30% of the sum of the credit and market risk components



Source: Historical Combined Financial Report

# Regulatory Capital Composition




*Any other amount from sources available to absorb losses that the FHFA has determined to be appropriate in determining total capital

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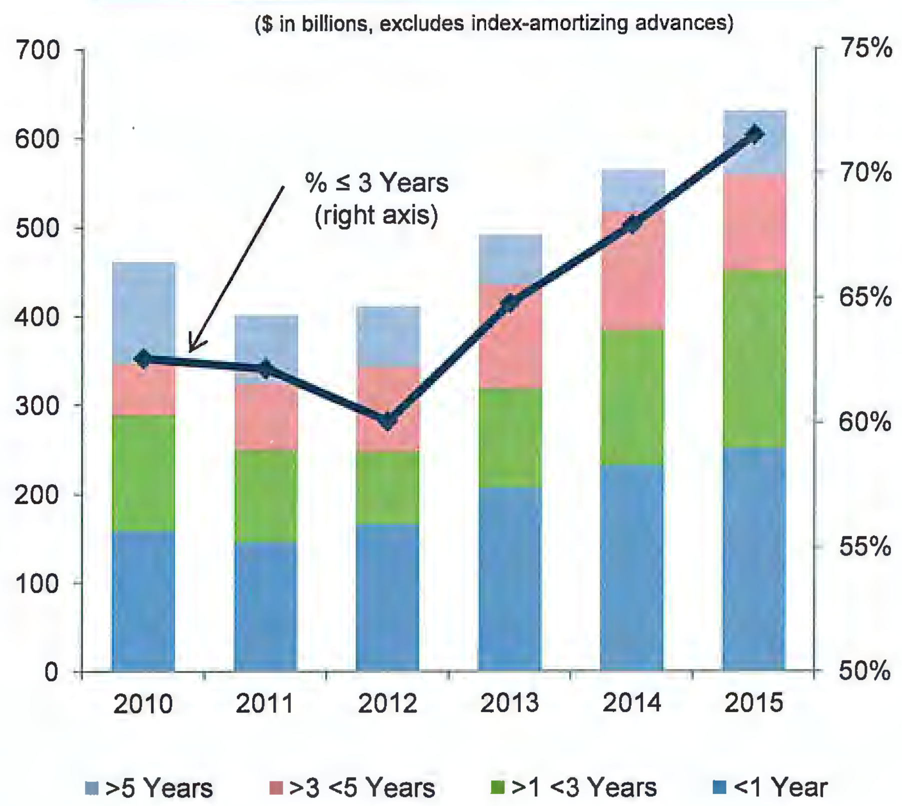
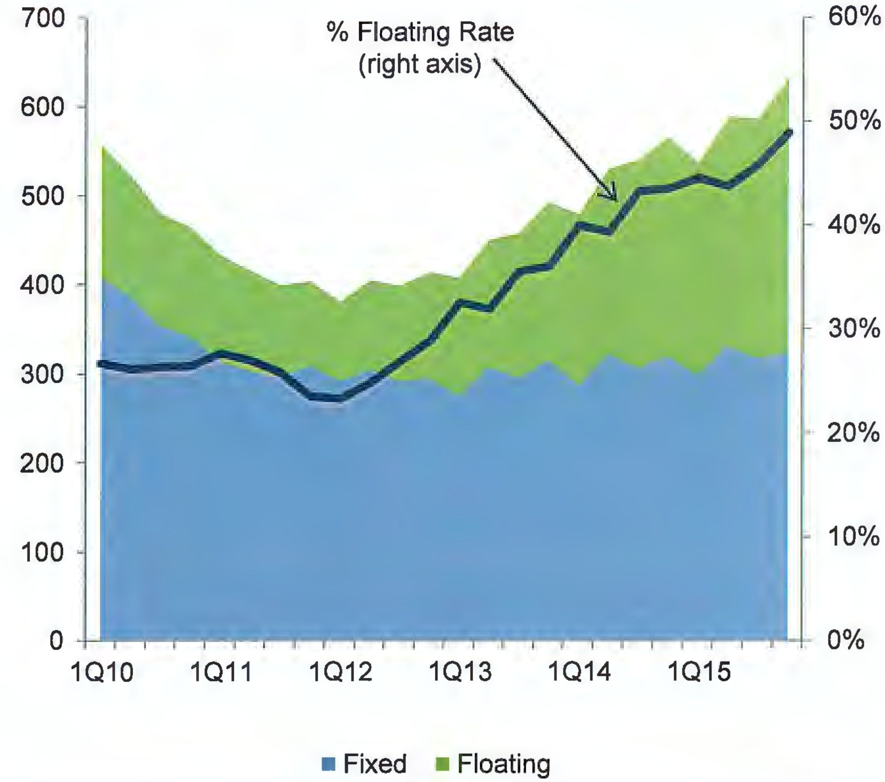
# Advances

## Members Have Exhibited a Growing Preference for Floating Rate Advances

### Advances by Maturity




### Advances by Product




Advances represent approximately 65% of total assets at YE15

FHLBANKS OFFICE OF FINANCE



Source: 2015 Combined Financial Report – based on par value, excludes accounting adjustments

# Credit Risk Management

## FHLBanks Manage Credit Risk by Fully Collateralizing all Advances

- Credit limits are established for each member and borrowing capacity is subject to ongoing review of their overall creditworthiness and collateral management practices
- Advances are secured by either a blanket lien, listing (specific pledge), or physical delivery of collateral
- UCC financing statements filed on all entities pledging assets
- Lending capacity regularly adjusted based on applicable haircuts on eligible collateral
- Whole loan mortgage collateral must be performing (no greater than 90 days delinquent) - most FHLBank policies are more restrictive and use a 30-60 day cutoff
- Securities collateral generally requires all securities to be rated single-A or higher and most must be delivered to the FHLBank or a securities custodian

## ★ No Credit Losses on Advances in System History ★

The "Super Lien" provides additional statutory support to the priority status of FHLBank security interests in member assets

FHLBanks perfect their secured interests in member assets and receive lien priority over other creditors, including any receiver, conservator, trustee, or similar lien creditor (Competitive Equality Banking Act of 1987)

# CRESCENTA VALLEY WATER DISTRICT
## BOARD OF DIRECTORS - STAFF REPORT

GM Report
June 7, 2016

**To:** Honorable President and Members of the Board of Directors

**From:** Thomas A. Love, General Manager

**Subject:** **General Managers Report**

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**General Manager Objectives**

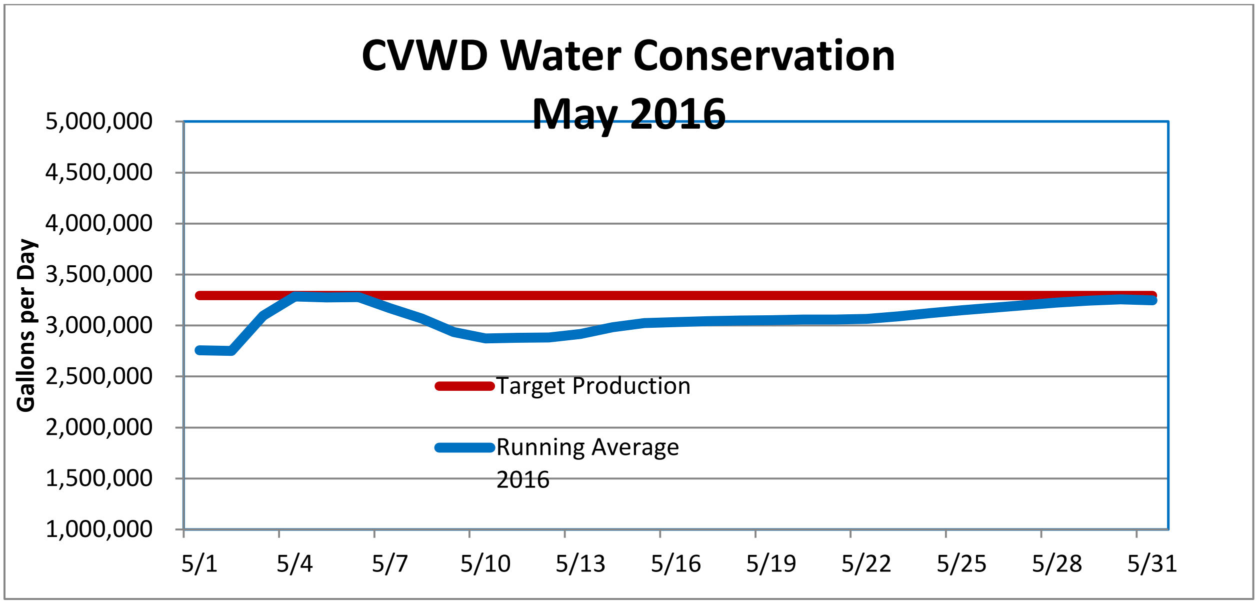
In November 2015 the Board identified objectives for the District and General Manager. The General Manager is also taking the lead on additional projects. The following is a summary of the progress and status for each objective or project.

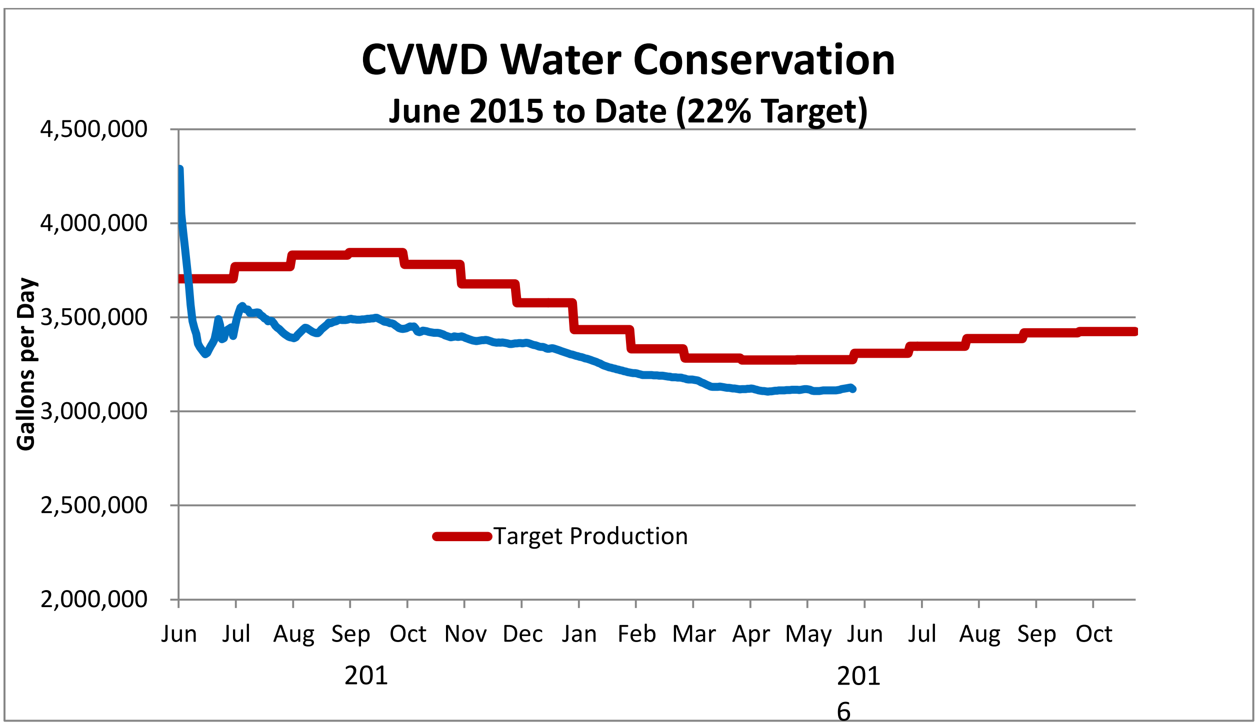
| Objective | Due Date | Status |
|---|---|---|
| Long-term strategic plan | December 31, 2016 | To be initiated in July 2016. |
| Complete Cost of Service Study for water and wastewater | June 30, 2016 | On schedule for adoption June 28, 2016. |
| Continued cost containment and improved financial reporting | On Going | In progress. |
| Develop a ten-year CIP | June 30, 2016 | Draft ten-year CIP has been prepared by the District Engineer. Recommend that review and adoption be coordinated with the long-term strategic planning process. |
| Develop staff succession plan | December 31, 2016 | Included organizational and workforce planning in strategic planning process. |
| **Project** | | |
| Recycled water evaluation | July 26, 2016 | Consultant retained to review draft conceptual evaluation prepared by GM in 2015. |
| Solar energy evaluation | August 31, 2016 | Request sent to solar vendors for evaluation of solar energy potential and cost for the District. |
| Main office building master plan | December 31, 2016 | List of architectural consultants, including local firms, prepared. Request for proposals to be issued in June 2016. |

**Water Conservation**

The District's water production continues to remain well below the State mandated conservation target. The State revised conservation targets in March and the State Water Resources Control Board adopted substantial revisions to mandated conservation targets on May 18th.

The District's conservation performance for the month of May and cumulative performance since the effective date of the State conservation mandate are represented in the following charts.



**Staffing**
This month there are two employment anniversaries: Jacob Whittaker – 1 year and David Gould has been with the District for 19 years.

As of June 3rd, the District has worked 724 days without a lost time accident.

# CRESCENTA VALLEY WATER DISTRICT
## BOARD OF DIRECTORS - STAFF REPORT

June 7, 2016
Staff Report

**To:** Honorable President and Members of the Board of Directors

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

**Subject:** **District Engineer – Staff Report**

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**1. Water Production Report**

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

**2. Rainfall Update**

- 0.32" for May 2016
- Rainfall total for Rainfall Year 2015/16 – 13.24"

**3. Report on Engineering**

- **CIP Projects**
  - Ocean View Chloramination Project
    - Electrical & Treatment System – Waiting on Equipment
    - Testing – Preliminary set for late June
    - Piping complete at Ordunio for connection to LADWP
  - Pipeline Projects
    - 3900 Block of Park Place – Complete
    - 2700 Block of Harmony – Complete
    - 2800 Block of Prospect (By La Crescenta Elem. School)
      - Held Community Meeting on May 26, 2016
      - Work started on June 6, 2016
      - Completed by July 1, 2016
    - 3700 Block of Glenwood – Work to start after July 1, 2016
  - Pickens Canyon Slope Repair
    - No Report
  - Wall at Ordunio Reservoir
    - Bids due on June 15, 2016
- **Well 16**
  - Finalizing invoicing procedure and credit for Grant reimbursement with GWP
- **Water and Wastewater Cost of Service Study**
  - Finalizing Draft Cost of Service Study
- **Nitrate Removal Treatment Facility at Well 2 Project**
  - Status meeting on May 23, 2016
  - 50% technical memorandum by July 5, 2016
- **Crescenta Valley County Park Stormwater Recharge Facility Study**
  - Task Force Meeting – held on May 25, 2016
  - Presentation available on CVWD website
  - Report due by June 30, 2016
- **ULARA**
  - Next Administrative Committee meeting – July 20, 2016

- **Water Meter Replacement Program**

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

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

- **Wells - Status**
  - Well production capacity averaging 2.3 MGD for May, 2016

5. **Field Maintenance & Operations – May 14 – June 3, 2016**

- **Water Lateral Leaks & Repairs**
  - 2653 Orange Ave.
  - 3231 Prospect
  - 3352 Los Olivos
  - 2515 Teasley
  - 2763 Brookhill
  - 5874 Freeman
  - 5250 Ramsdell
  - 5616 Pineglen
  - 2123 Verdugo
- **Fire Hydrant Repair**
  - No Report
- **Developer Job**
  - Met with Developer at 4201 Pennsylvania – 28 unit townhome project
- **Water Main Leaks**
  - No Report
- **Booster Pump Maintenance**
  - Paschall Booster 17, back in service on June 3, 2016
- **Reservoir Maintenance**
  - No Report
- **Sewer Maintenance**
  - 2400-2500 Blocks of Frances & Teasley
  - 5500 - 6000 Blocks of Canyonside
  - 2200 - 2300 Blocks of Manzanita
  - 5800 Block of Edmund, Irving & Maurice
  - 2200 Block of Phyllis
  - 5600 Block of Freeman
  - 5400 – 5500 Blocks of Terrace
  - 2300 Block of Dorothy
  - 5300 – 5400 Blocks of Briggs
  - 5500 Block of Goss Canyon
  - 5400 Blocks of Vista Del Arroyo
  - 2200 Block of Shields

# CRESCENTA VALLEY WATER DISTRICT

## WATER PRODUCTION REPORT

**May 1 - May 31, 2016**

| | | | | |
|---|---|---|---|---|
| **Well Production:** | 39,674,000 | Gals | | |
| **GWP Production:** | 15,394,000 | Gals | | |
| **Gravity Production:** | 1,752,500 | Gals | % GW | 56% |
| **Purchased Water:** | | | | |
| FMWD: | 43,799,250 | Gals | | |
| City of Glendale: | 0 | Gals | % Import | 44% |
| **TOTAL:** | 100,619,750 | Gals | | |
| | 308.77 | ac-ft | | |
| Glenwood Nitrate Water Reclamation Plant:* | 31,024,000 | *Included in Well Production | | |

| WATER DEMAND COMPARISON | | | | |
|---|---|---|---|---|
| | **Average Daily Usage (gals)** | **Current Period Change** | **Average Daily Usage (gals)** | **Percentage Change** |
| **May 1, 2016 - May 31, 2016** | 3,238,957 | | | |
| **May 1, 2015 - May 31, 2015** | 3,070,167 | 5.5% | | |
| **5-yr Average - May 2011 - 2015** | 4,450,102 | -27.2% | | |
| SWRCB CONSERVATION REGULATIONS<br>March 1, 2016 through Oct 31, 2016 | | | 2,975,710 | |
| BASELINE CONSERVATION<br>March 1, 2013 through Oct 31, 2013 | | | 3,980,897 | -25.3% |

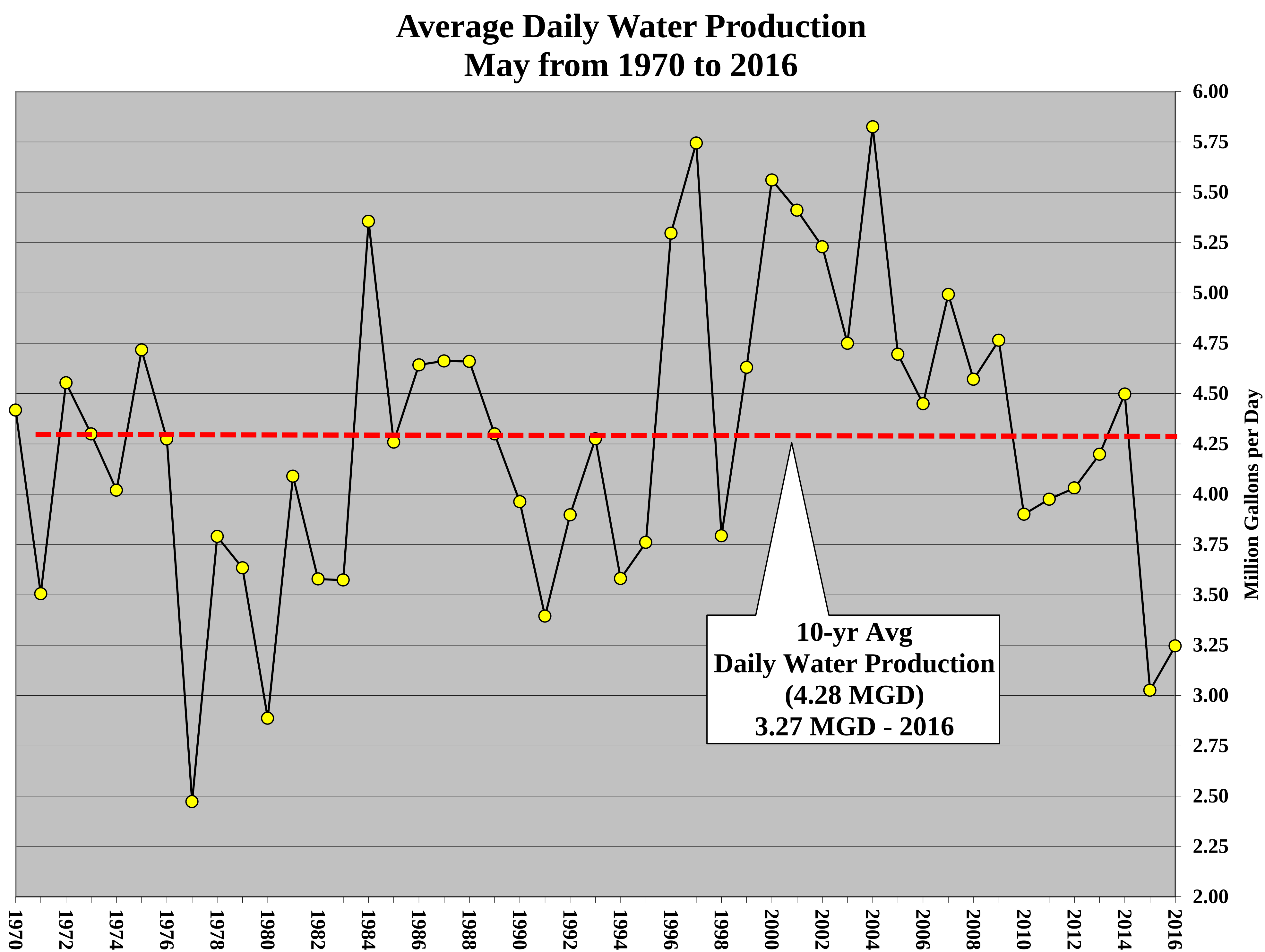
RAINFALL: May 1 - May 31, 2016 0.32"

Season-To-Date: 13.24"

| **2015/16 Fiscal Year Water Production** | | | **Groundwater Production Water Rights** | | **GWP (Well 16) Water Production** | | **Purchased Water Production Tier 2 Allocation** | |
|---|---|---|---|---|---|---|---|---|
| **Month** | **Actual Total Water Production (ac-ft)** | **Projected Total Water Production (ac-ft)** | **Month** | **Well Production (ac-ft)** | **Month** | **Well Production (ac-ft)** | **Month** | **Imported Water Production (ac-ft)** |
| **July** | **315** | **380** | **October** | **146** | **January** | **0** | **January** | **109** |
| **August** | **344** | **360** | **November** | **149** | **February** | **0** | **February** | **100** |
| **September** | **296** | **345** | **December** | **139** | **March** | **30** | **March** | **78** |
| **October** | **304** | **315** | **January** | **140** | **April** | **50** | **April** | **84** |
| **November** | **289** | **265** | **February** | **158** | **May** | **47** | **May** | **134** |
| **December** | **269** | **265** | **March** | **142** | **June** | | **June** | |
| **January** | **248** | **265** | **April** | **150** | **July** | | **July** | |
| **February** | **258** | **265** | **May** | **127** | **August** | | **August** | |
| **March** | **249** | **310** | **June** | | **September** | | **September** | |
| **April** | **284** | **335** | **July** | | **October** | | **October** | |
| **May** | **309** | **365** | **August** | | **November** | | **November** | |
| **June** | | **375** | **September** | | **December** | | **December** | |
| Total to Date | 3,165 | 3,470 | Total to Date | 1,151 | Total to Date | 127 | Total to Date | 505 |
| Projected | 3,540 | 3,845 | Water Rights | 3,294 | | | Tier 2 | 2,154 |
| % of Projected | 82.3% | 90.2% | % of Rights | 35% | | | % of Allocation | 23% |
| Remaining | 680 | 375 | Remaining | 2,143 | | | Remaining | 1,649 |

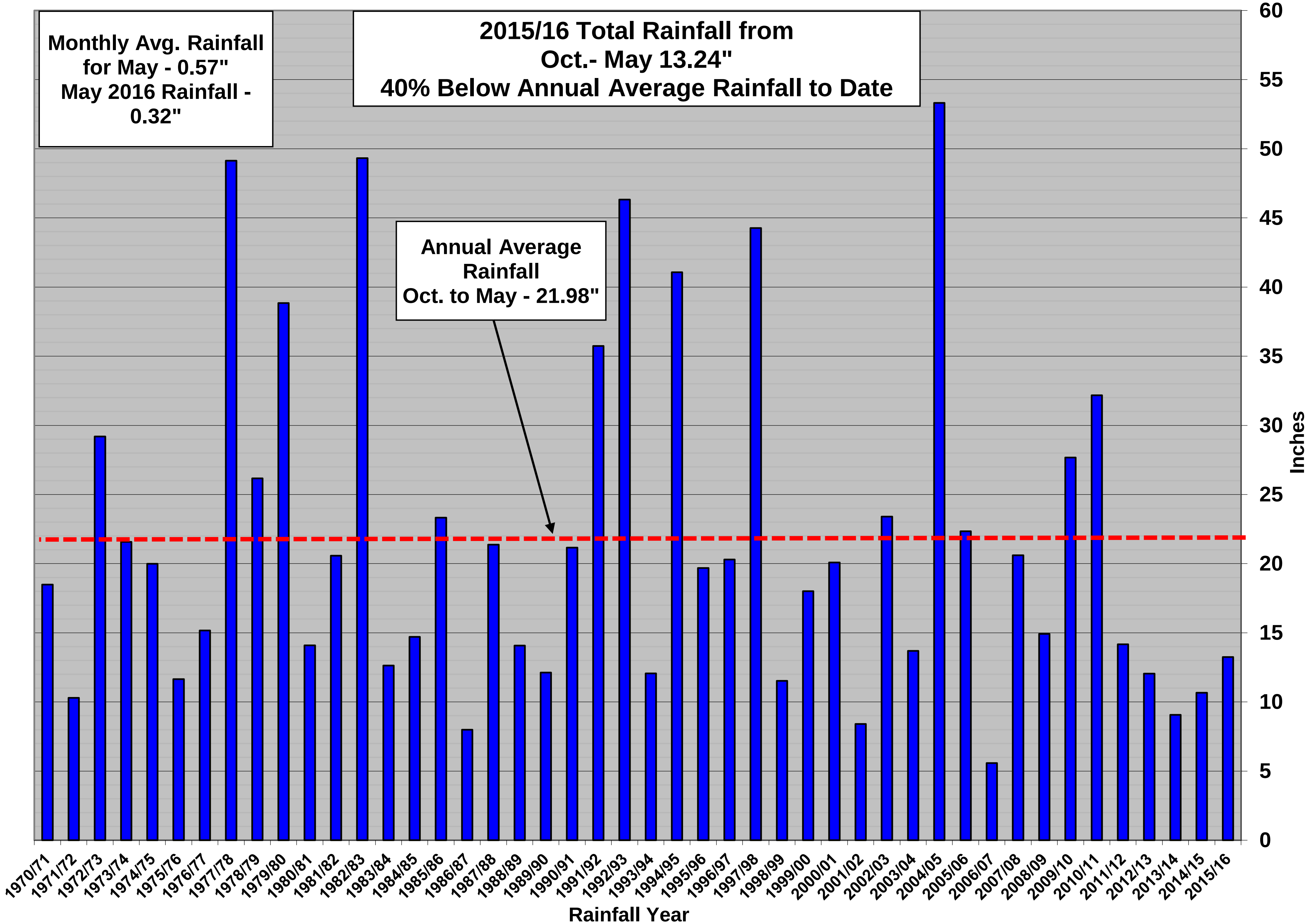
**NOTE:**

**1) Blue Numbers = Estimated Water Production**



Average Daily Water Production
May from 1970 to 2016
10-yr Avg
Daily Water Production
(4.28 MGD)
3.27 MGD - 2016
Million Gallons per Day
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
3.50
3.25
3.00
2.75
2.50
2.25
2.00
1970
1972
1974
1976
1978
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
2010
2012
2014
2016

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




Revised Date: 6/3/2016

CALIFORNIA
# WATER PLAN eNEWS

INTEGRATE
ALIGN
INVEST

## Wednesday Update June 1, 2016

This weekly electronic newsletter is designed to keep you current on California Water Plan news. We welcome comments, suggestions and any news tips that may be of interest to water planners.



### International groundwater conference will focus on nitrate contamination

The challenges presented by nitrate contamination in groundwater will be discussed at an international conference in Burlingame. The threats from nitrate pollution make it one of the top water quality issues around the world. The three-day conference will look at the challenges and potential solutions to protect groundwater quality. The conference runs June 28-30.

### STORMS sets new date for seminar on groundwater recharge

A new date has been set for the groundwater recharge seminar being sponsored by the Strategy to Optimize Resource Management of Storm Water (STORMS). It will be Friday, July 8, in Sacramento. The discussion will center on using deep infiltration and drywells for groundwater recharge. The seminar had originally been scheduled for May 27.

### SWAMP newsletter details pilot study of CECs in California waterways

Details on a pilot study of contaminants of emerging concern (CECs) are included in the spring edition of the Surface Water Ambient Monitoring Program's (SWAMP's) newsletter. The study will investigate the CECs potential to cause toxicity, to both aquatic life and people. The newsletter also has a recap of the April data fair hosted by the State Water Board.

### Growth council offering workshops to introduce fiscal impact analysis

The California Strategic Growth Council is hosting a series of workshops to introduce local governments to the process of fiscal impact analysis. It is a method of evaluating fiscal obligations related to proposed land use changes. The information is in support of the Proposition 84 Sustainable Communities Planning Grant Program. The first workshop will be Thursday, June 16, in Oakland. Other workshops will be held in Merced and Riverside.

### CCST Spotlight makes its debut with article on NASA-funded student program

The California Council on Science and Technology (CCST) has added a newsletter to its list of publications. The inaugural issue of CCST Spotlight features an article on a NASA-funded program for California college students. DWR collaborated with CCST to develop the science and technology objective of *California Water Plan Update 2013*. Some of the actions in that objective came from CCST's roadmap to a sustainable water future.

### Comments being accepted on draft management plans for three national forests

The U.S. Forest Service has posted draft management plans for the Inyo, Sequoia, and Sierra National forests. The postings include draft environmental impact statements. The plans are being updated to meet current economic, social and ecological conditions. The 90-day comment period runs through August 25.

# Crescenta Valley Water District
# CVC Park
# Stormwater Recharge Facility Study

**Stakeholder Meeting No. 4**

**May 25, 2016**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# Crescenta Valley Water District
# CVC Park Stormwater Recharge Feasibility Study

- Study purpose: Evaluate the feasibility of capturing stormwater for groundwater recharge beneath CVC Park.
  - Amount of surface water available for recharge
    - Wet-weather and dry-weather flows
  - Methods and locations for recharge
  - Effects on groundwater system
  - CVWD extraction of infiltrated water

- Benefits of a recharge program:
  - Augment groundwater supplies, increase supply reliability
  - Improve groundwater quality
  - Benefit downgradient surface water receiving waters


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# Key Project Tasks

1. **Gauge Verdugo Wash surface water flows, Sample water quality**
2. **Install and monitor two monitoring wells in park**
3. **Perform infiltration tests**
4. **Perform topographic survey of park**
5. **Update groundwater model**
6. **Consider environmental and regulatory permits**
7. **Prepare stormwater recharge study report**
8. **Support Task Force Group meetings**


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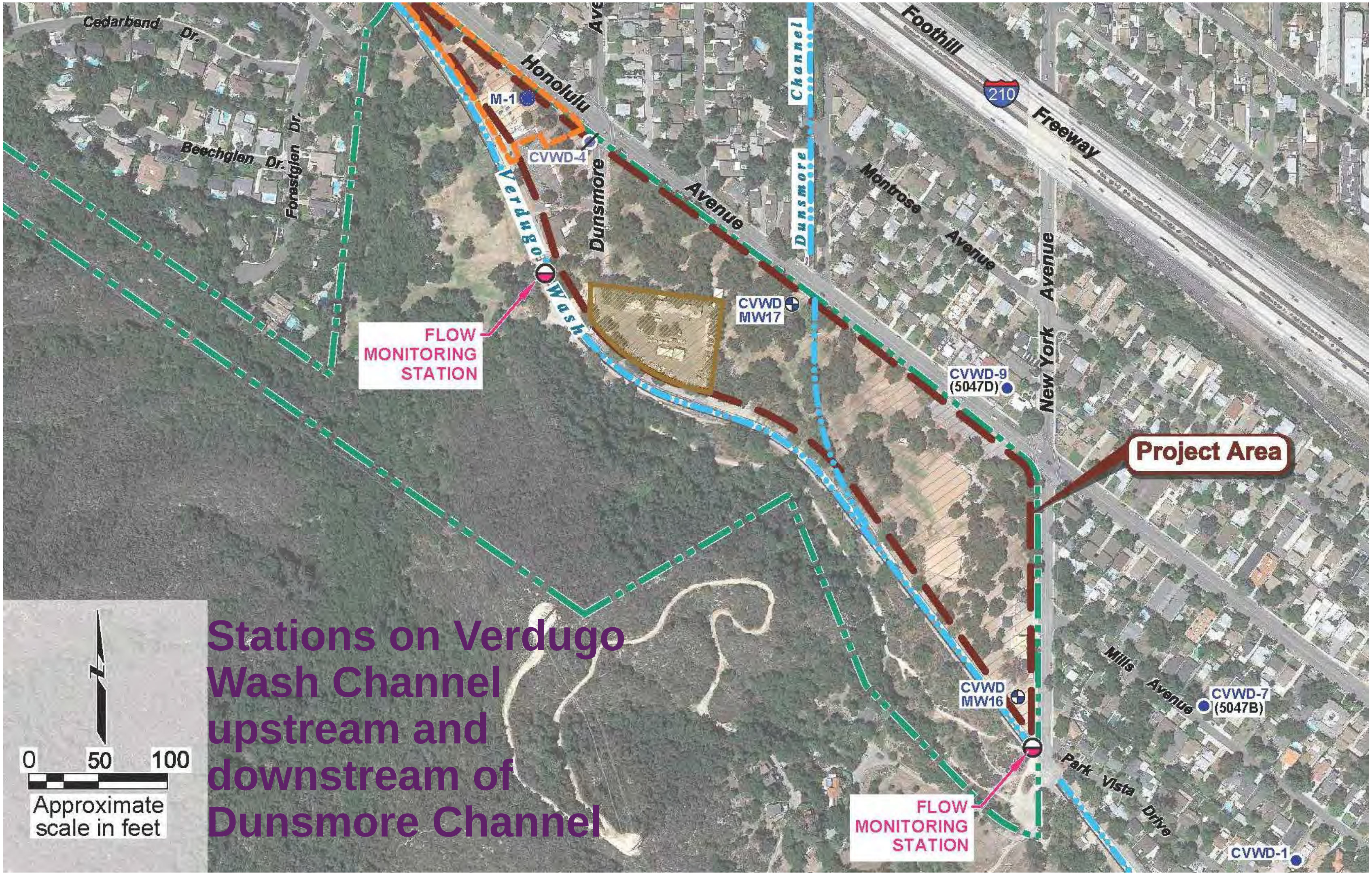
# Flow Monitoring

- Flow monitoring stations were installed by CVWD and operating by November 2014 within the Verdugo Wash Channel.
  - Dunsmore Station - located upstream of the Dunsmore Channel at the Dunsmore Bridge.
  - New York Station – located downstream of the Dunsmore Channel at the New York Bridge.

# Surface Flow Monitoring Station Locations




**Stations on Verdugo Wash Channel upstream and downstream of Dunsmore Channel**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# Flow Monitoring Stations



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# Flow Monitoring Equipment Installed

- Equipment selected based on discussions with the County of Los Angeles Department of Public Works (LADPW)
  - Ametek USonic Level Transmitters (look-down sensors)
  - WaterLog H-500XL High-Level Data Loggers
  - Solar Panels
  - Radio for Transmitting Data
  - Staff Gauges

# Flow Monitoring

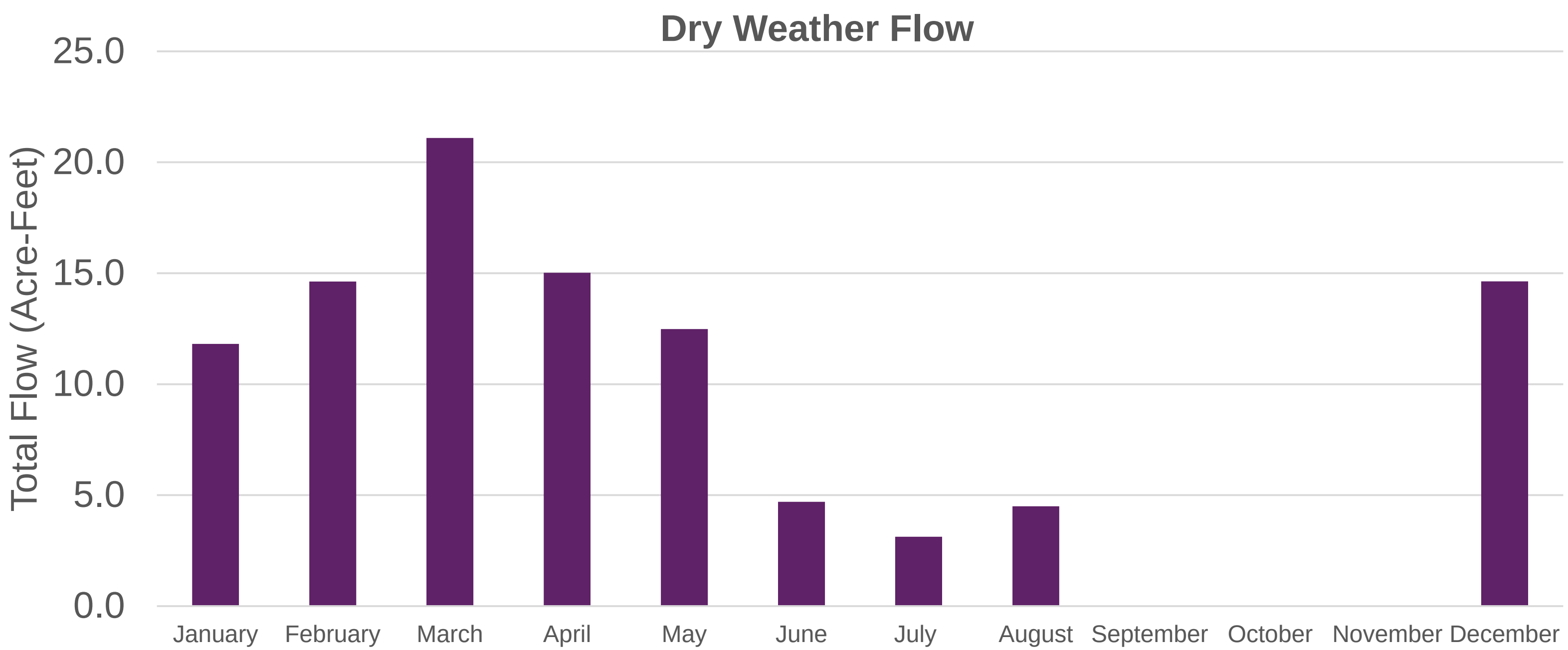
- ►Equipment installed by CVWD
- ►Calibration completed with assistance of LADPW
- ►Flow rating table based on field measurements, channel as-builts, and surveyor elevation measurements
- ►Field measurements taken and compared to USonic meter readings
- ►Routine videos and photos to document flow measurements

# Dry Weather Flow Summary

- ►Dunsmore Station (Upstream of Dunsmore Channel) predominately dry during the monitoring period
- ►New York Station – Receives significant contributions from Dunsmore Channel

# Dry Weather Flow Summary

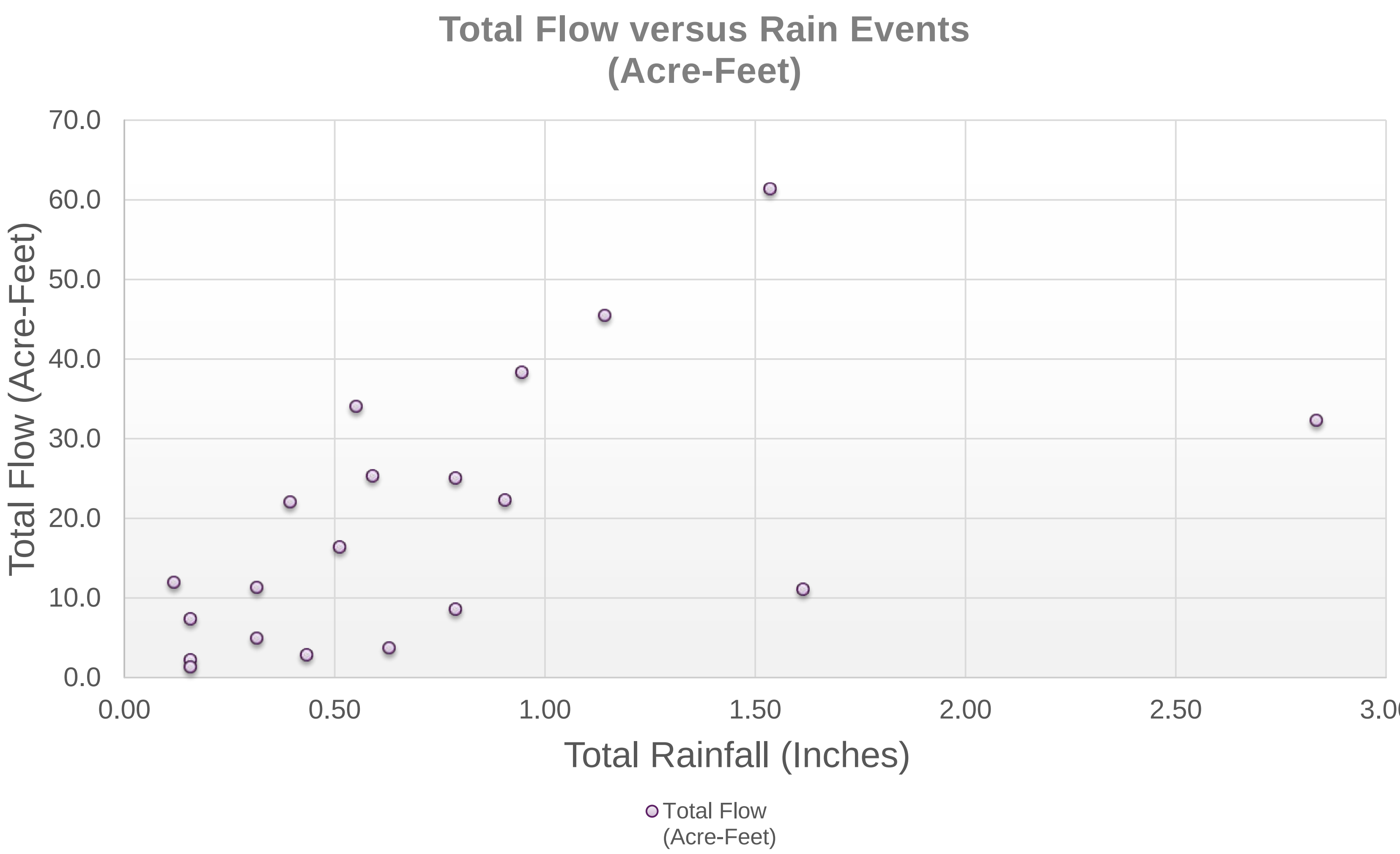
- ►Dry Weather Flow at the New York Station (Flow meter was off-line between Sept. and Nov. 2015)
- ►Data excludes rain events greater than 0.1”



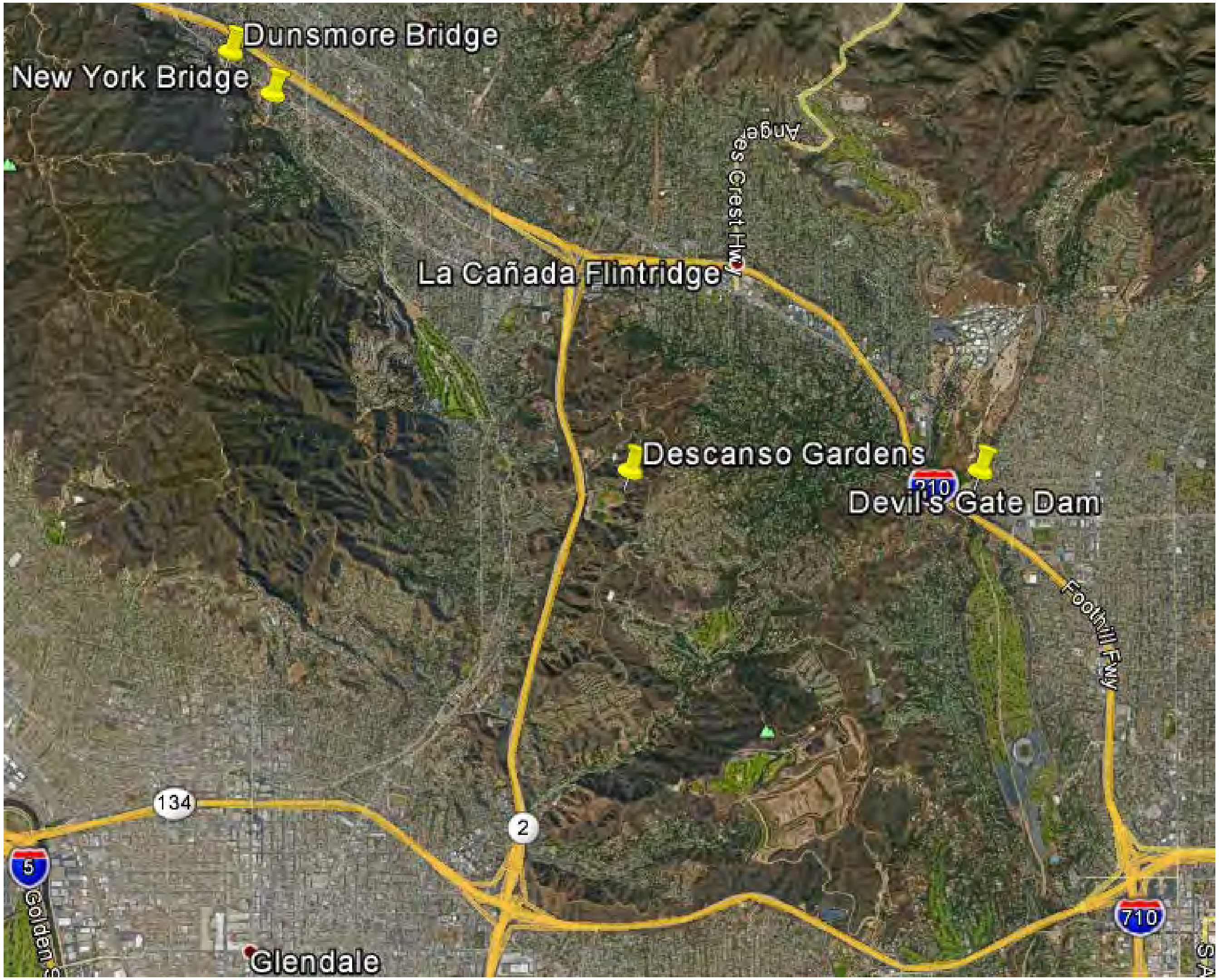
# Wet Weather Flow Summary

- 20 wet weather events monitored between December 2014 and April 2016
- Total flow ranged from 1.3 acre-feet to 61 acre-feet during the storm events

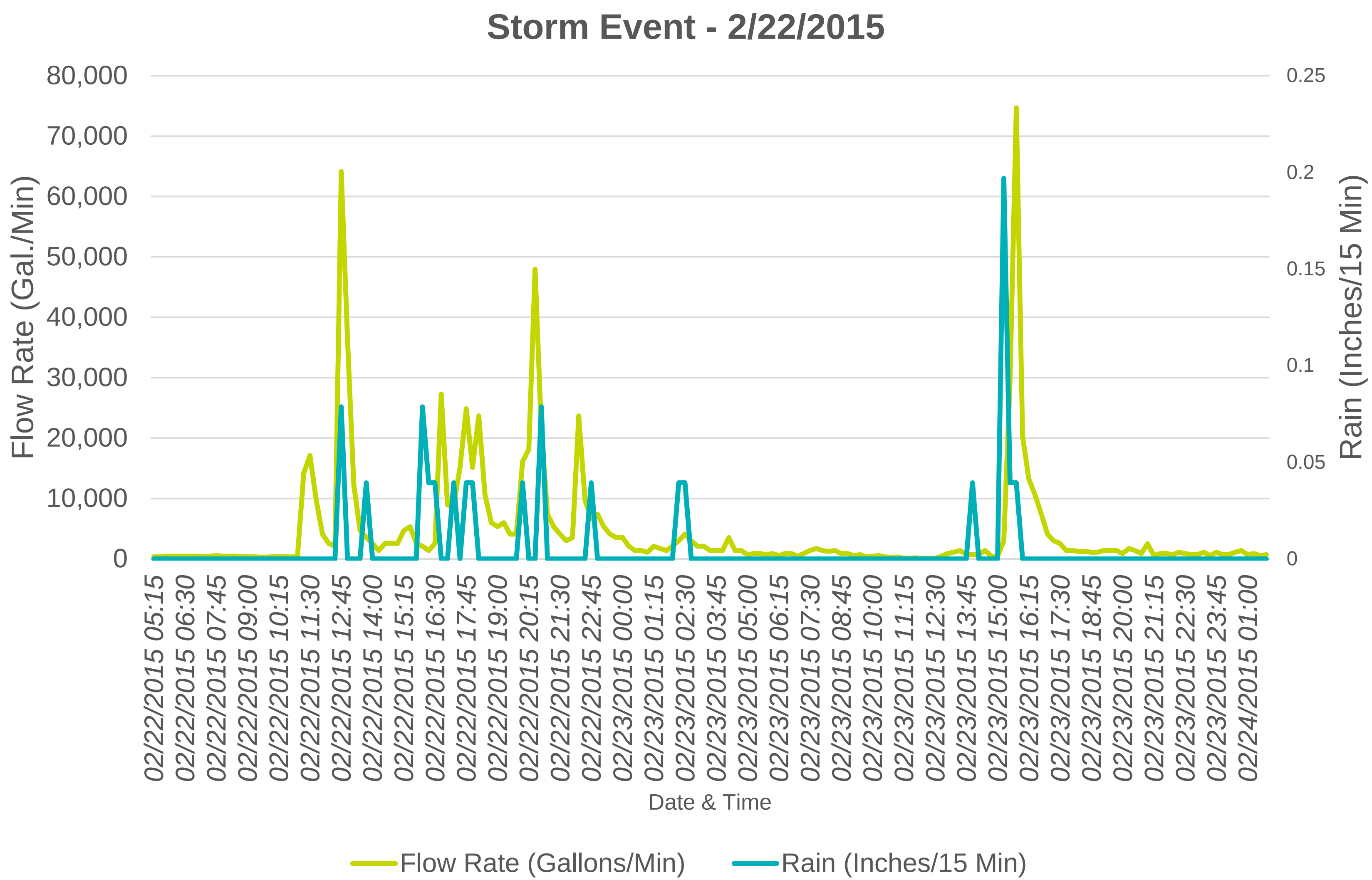
# Wet Weather Flow Summary



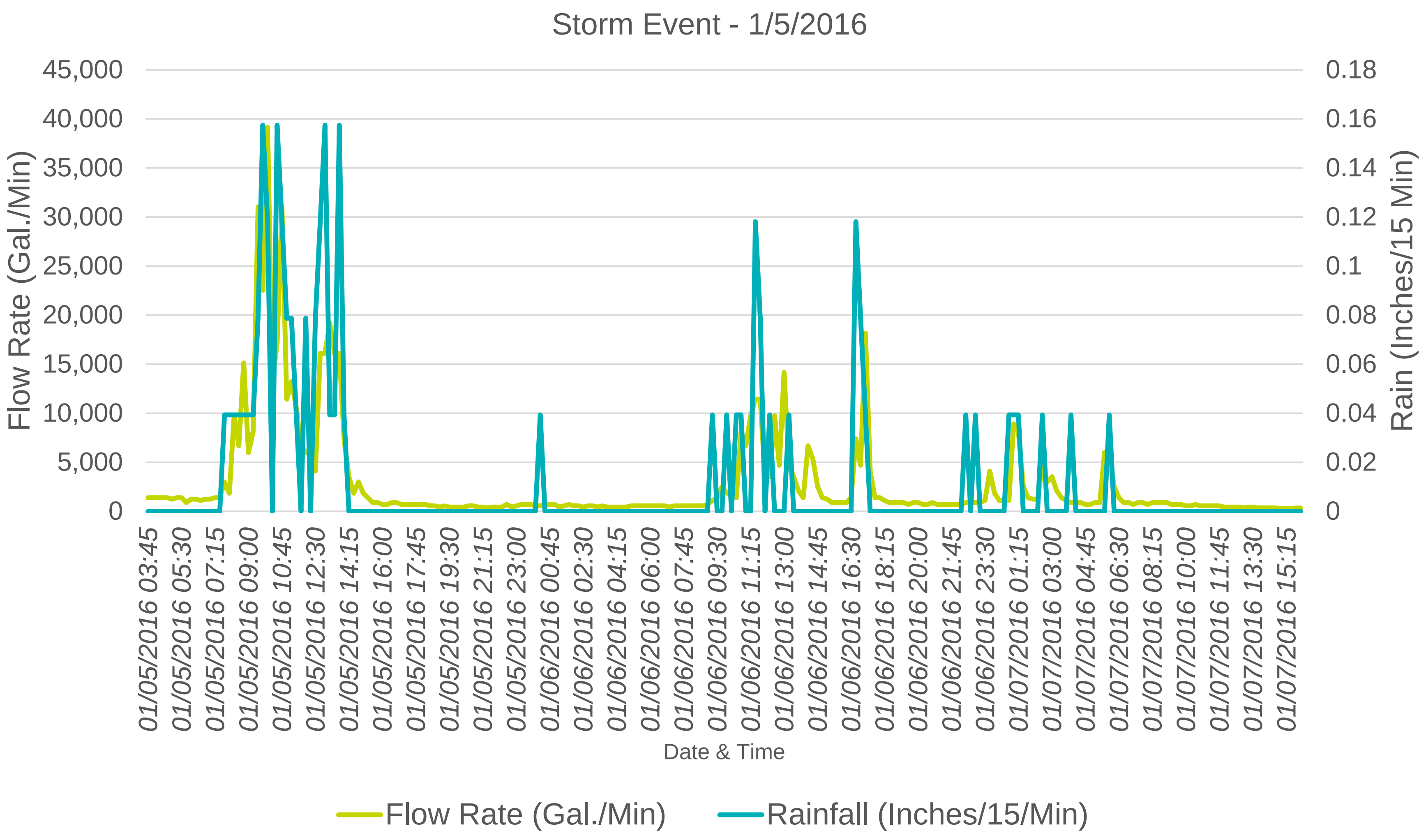
# Rain Gauge Locations versus Flow Monitoring Locations



# Example Hydrographs



# Example Hydrographs



# Water Quality Monitoring

# Water Quality Data Summary

- Wet weather data
  - Five events sampled: 12/2/2014; 12/12/2014; 12/16/2014; 2/23/2015; and 3/7/2016
  - Constituents of Concern sampled included:
    - VOCs – Non-Detect
    - Chlorinated Herbicides – Non-Detect
    - Oil & Grease – from Non-Detect to 1.8 mg/L
    - Nitrate as N – from 0.42 to 2.1 mg/L
    - Nitrite as N – from Non-Detect to 59 µg/L
    - TDS - from 37 to 190 mg/L
    - Ammonia – from 0.073 to 0.97 mg/L
    - Ortho-Phosphate – from 0.0081 to 0.21 mg/L
    - Metals – below the applicable Maximum Concentration Limit (MCL)/Action Level with the exception of lead. Lead ranged from Non-Detect to 25 µg/L.
- Dry weather data- to follow

# Monitoring Well Installations

- **Vadose zone and aquifer characteristics are important aspects of the study:**
  - How thick is the vadose zone: how much room is there to add water?
  - How thick is the alluvial aquifer, and can recharged water move freely away from the recharge area?
- **Two wells installed using air-rotary casing hammer drilling**
- **February and March 2015**
- **Wells have 4-inch diameter PVC casings, with surrounding gravel pack and grout seals**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# Well Drilling and Installation


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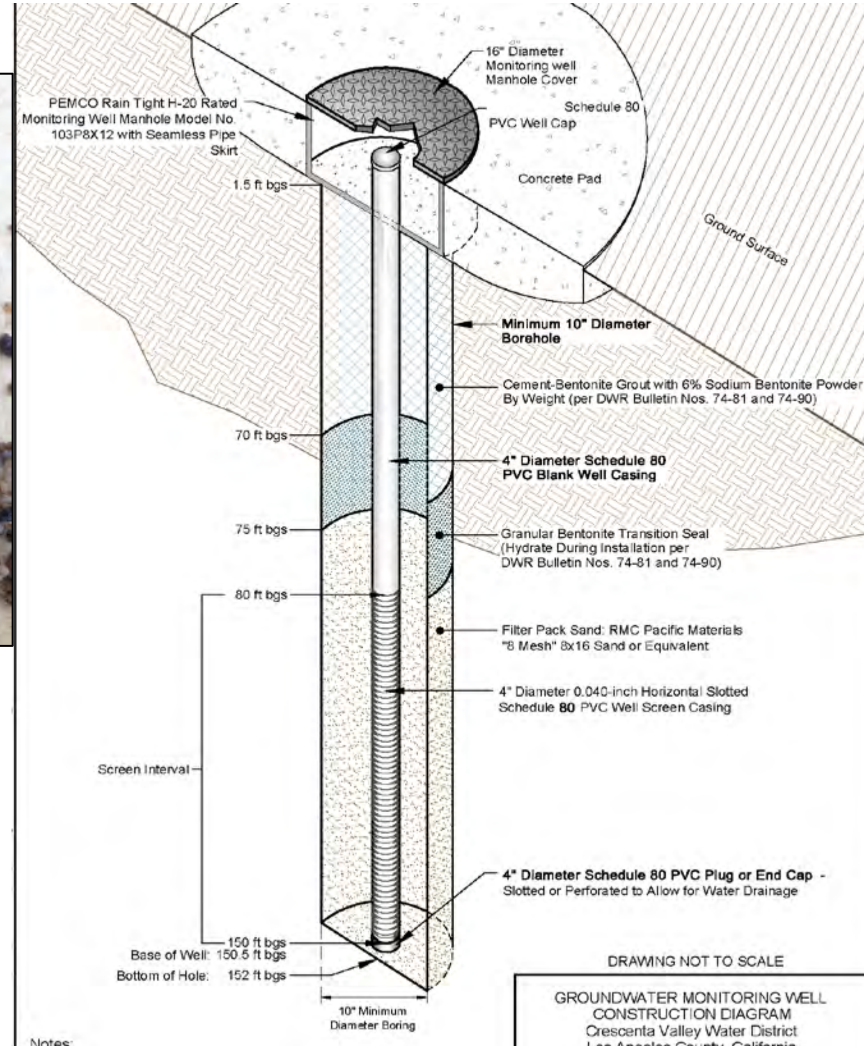
# Well Construction Schematic





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# Well Drilling and Installation


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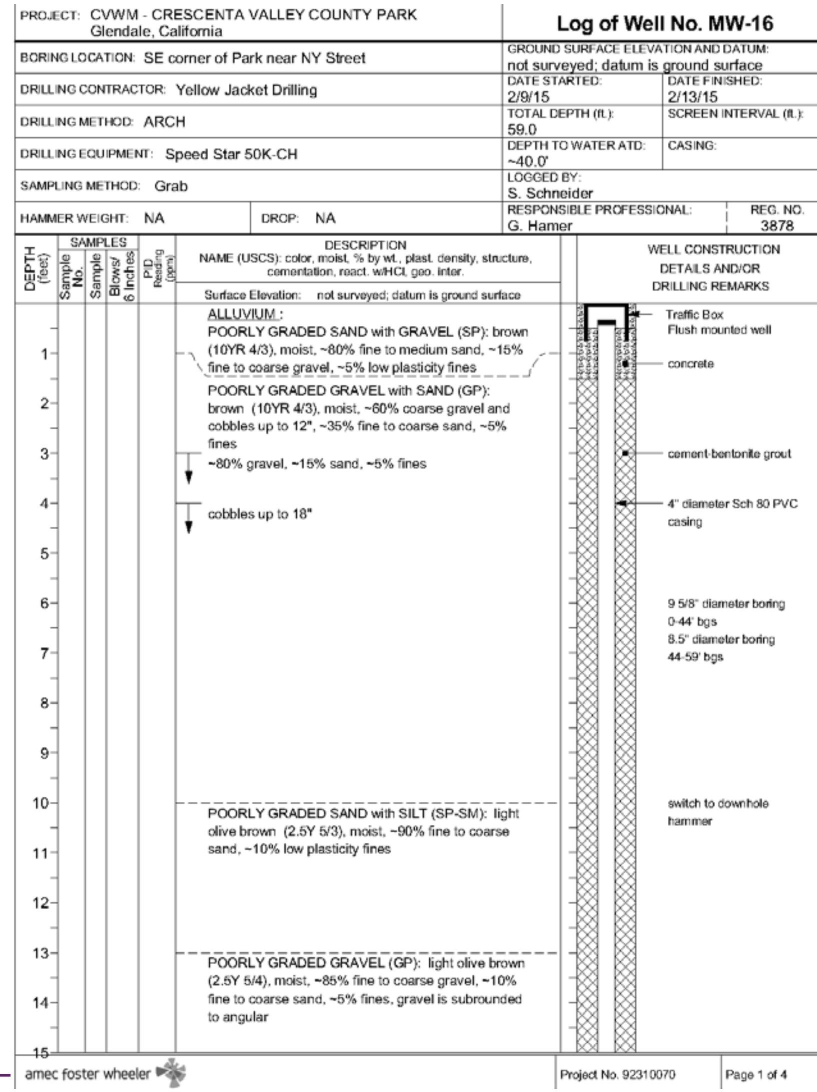
# Well Drilling and Installation

- **Previous geophysical studies suggest faulting in the area**
- **Alluvial sediments (younger and older) above bedrock**
- **Depth to bedrock based on drilling is consistent with geophysical study findings**
- **Older alluvial sediments less permeable**



PROJECT: CVWM - CRESCENTA VALLEY COUNTY PARK
Glendale, California

**Log of Well No. MW-16**

| | |
|---|---|
| BORING LOCATION: SE corner of Park near NY Street | GROUND SURFACE ELEVATION AND DATUM: not surveyed; datum is ground surface |
| DRILLING CONTRACTOR: Yellow Jacket Drilling | DATE STARTED: 2/9/15 — DATE FINISHED: 2/13/15 |
| DRILLING METHOD: ARCH | TOTAL DEPTH (ft.): 59.0 — SCREEN INTERVAL (ft.): |
| DRILLING EQUIPMENT: Speed Star 50K-CH | DEPTH TO WATER ATD: ~40.0' — CASING: |
| SAMPLING METHOD: Grab | LOGGED BY: S. Schneider |
| HAMMER WEIGHT: NA — DROP: NA | RESPONSIBLE PROFESSIONAL: G. Hamer — REG. NO. 3878 |

| DEPTH (feet) | SAMPLES: Sample No. | Sample | Blows/ 6 Inches | PID Reading (ppm) | DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. — Surface Elevation: not surveyed; datum is ground surface | WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS |
|---|---|---|---|---|---|---|
| 0–1 | | | | | ALLUVIUM : POORLY GRADED SAND with GRAVEL (SP): brown (10YR 4/3), moist, ~80% fine to medium sand, ~15% fine to coarse gravel, ~5% low plasticity fines | Traffic Box Flush mounted well; concrete |
| 1.5–3 | | | | | POORLY GRADED GRAVEL with SAND (GP): brown (10YR 4/3), moist, ~60% coarse gravel and cobbles up to 12", ~35% fine to coarse sand, ~5% fines | |
| 3 | | | | | ~80% gravel, ~15% sand, ~5% fines | cement-bentonite grout |
| 4 | | | | | cobbles up to 18" | 4" diameter Sch 80 PVC casing |
| 6 | | | | | | 9 5/8" diameter boring 0-44' bgs; 8.5" diameter boring 44-59' bgs |
| 10 | | | | | POORLY GRADED SAND with SILT (SP-SM): light olive brown (2.5Y 5/3), moist, ~90% fine to coarse sand, ~10% low plasticity fines | switch to downhole hammer |
| 13 | | | | | POORLY GRADED GRAVEL (GP): light olive brown (2.5Y 5/4), moist, ~85% fine to coarse gravel, ~10% fine to coarse sand, ~5% fines, gravel is subrounded to angular | |

amec foster wheeler — Project No. 92310070 — Page 1 of 4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# Hydrogeology in Park Area

- **Permeable alluvial sediments are present above and below the water table**
- **Vadose zone thickness adequate for infiltration of water**
- **Vadose zone thinner at southeast end of park (well MW16)**
- **Groundwater quality similar to nearby CVWD wells 1, 7, and 9**


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# Infiltration Testing

- **Selected open areas away from trees and other facilities/buildings**
- **Three test pits excavated to possible infiltration gallery depth interval**
- **CVWD provided backhoe, water truck, and water for testing**
- **Test results indicate permeable sands and gravels with sufficient infiltration capacity (two pits > 50 ft./day, one pit >9 ft./day)**


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# Infiltration Testing

**Three test locations**



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# Infiltration Testing


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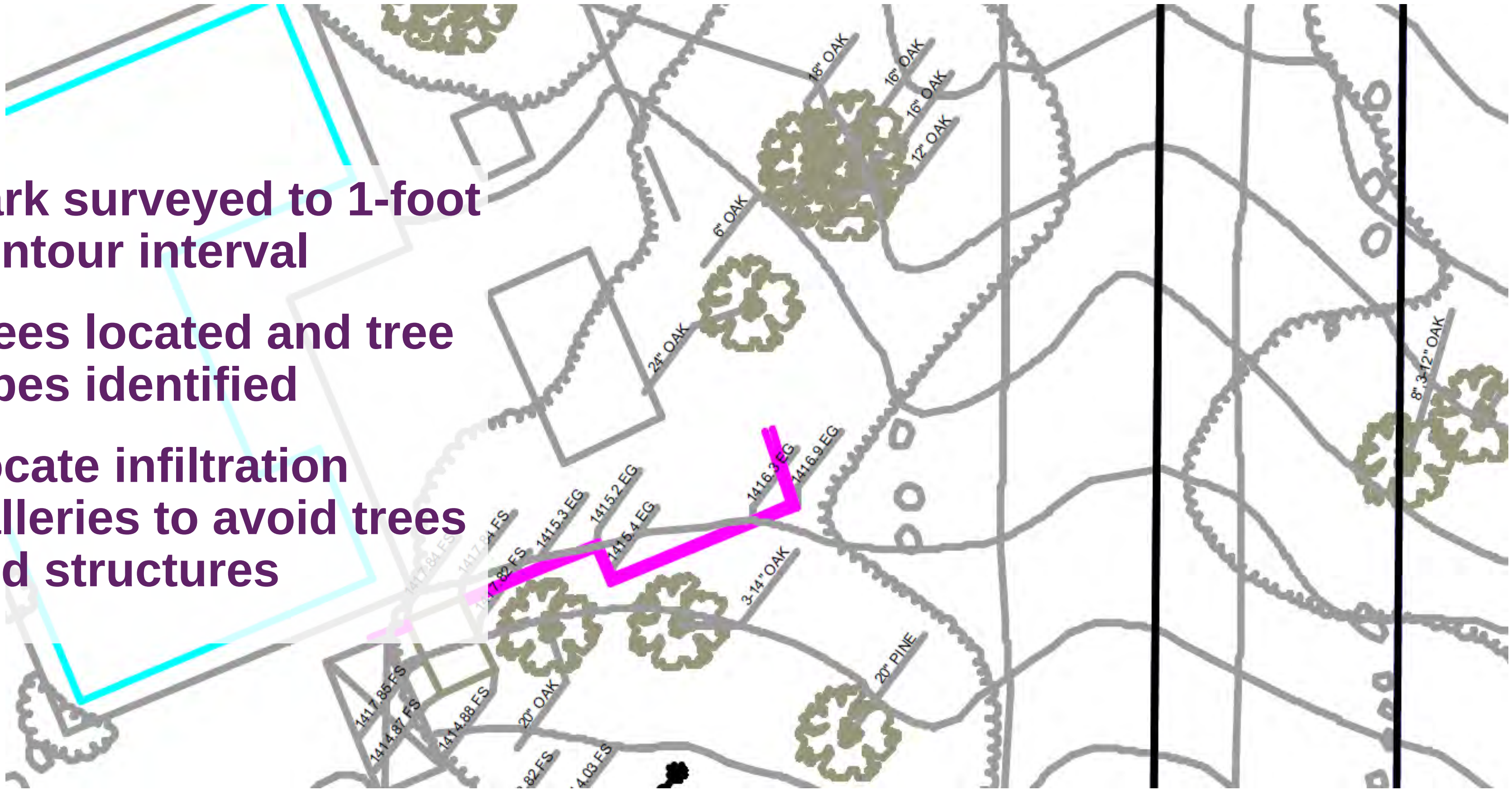
# Topographic Survey and Tree Survey

- **Park surveyed to 1-foot contour interval**
- **Trees located and tree types identified**
- **Locate infiltration galleries to avoid trees and structures**





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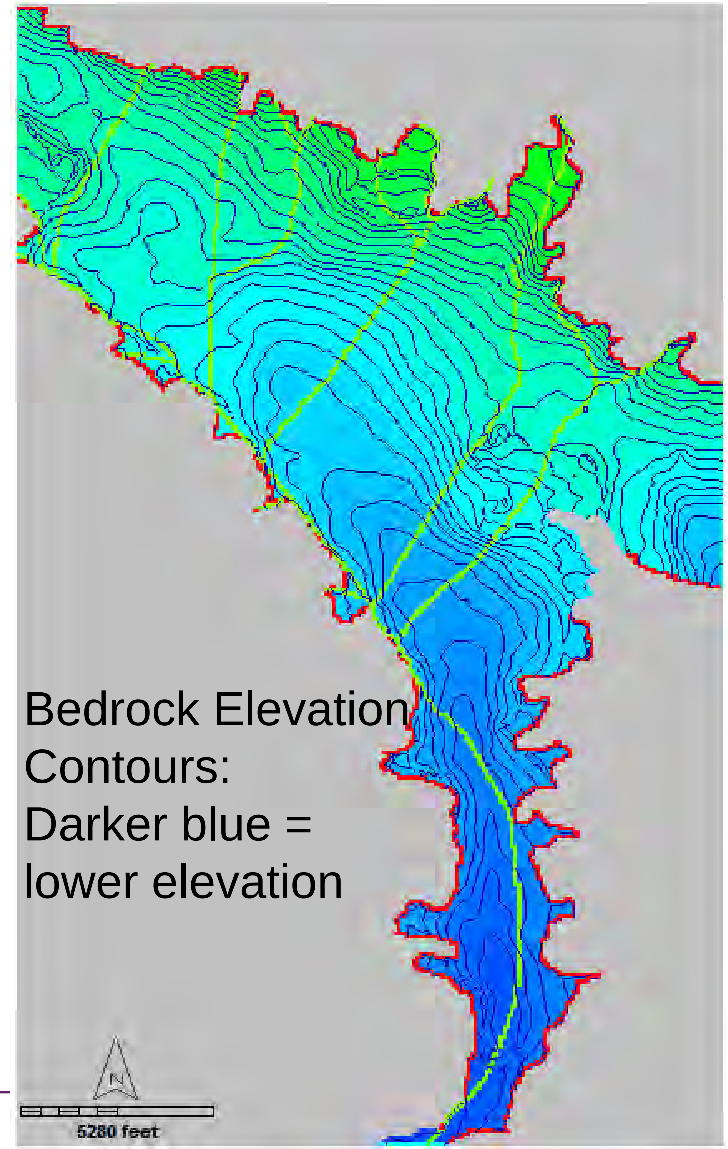
# Verdugo Basin Model Update

1. Extended the Model in Time
    - Added 123 monthly stress periods (415 total).
    - Model simulates October 1981 – December 2015.
2. Updated Bedrock Surface With New Data
3. Park Fault Re-Incorporated into Model Based on New Data
4. Added Additional Calibration Targets (New Data)
5. Updated Routing Streams in Basin
6. Areal Recharge Allocations Revised and are More Detailed
7. Calibration

# Revised Bedrock Surface

- **Bedrock Surface Modified Based on:**
  - 2008 Pulsar survey in Crescenta Valley Park area.
  - Additional soil boring data along Foothill Blvd drilled after 2005.

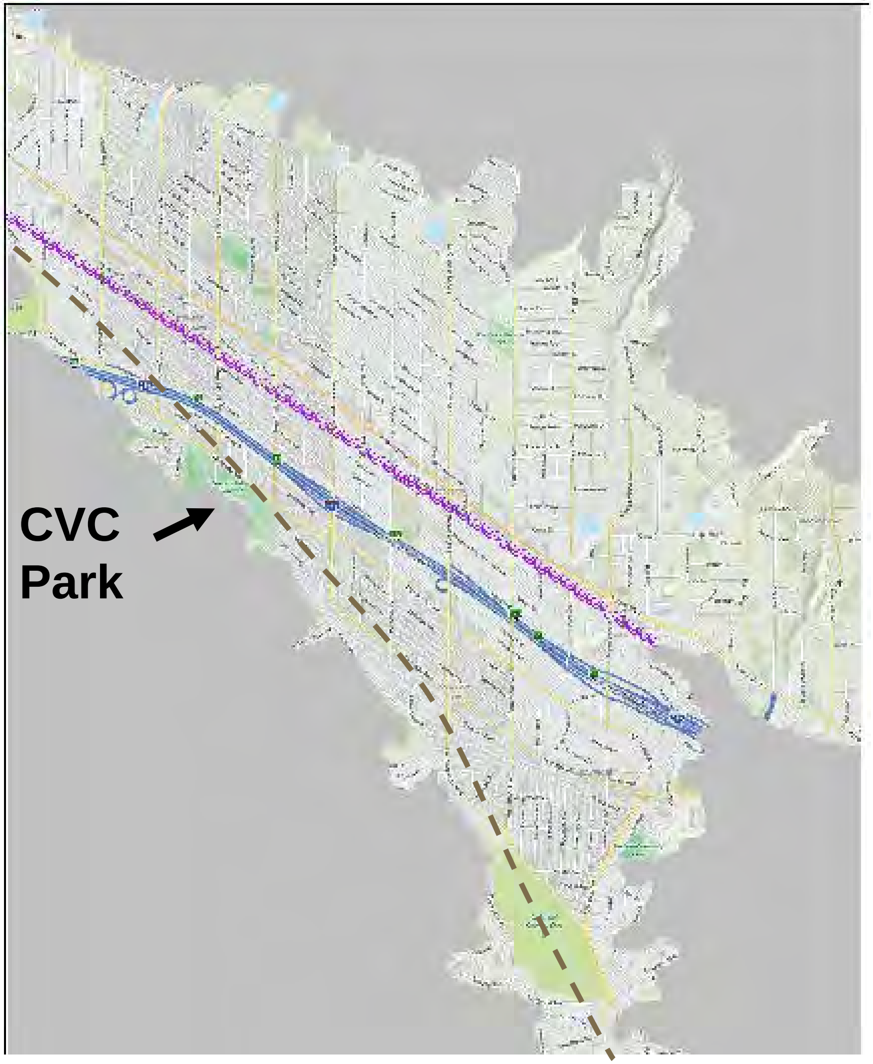


# Park Fault Re-Incorporated into Model

**Park Fault re-incorporated into model (previously removed due to uncertain evidence).**

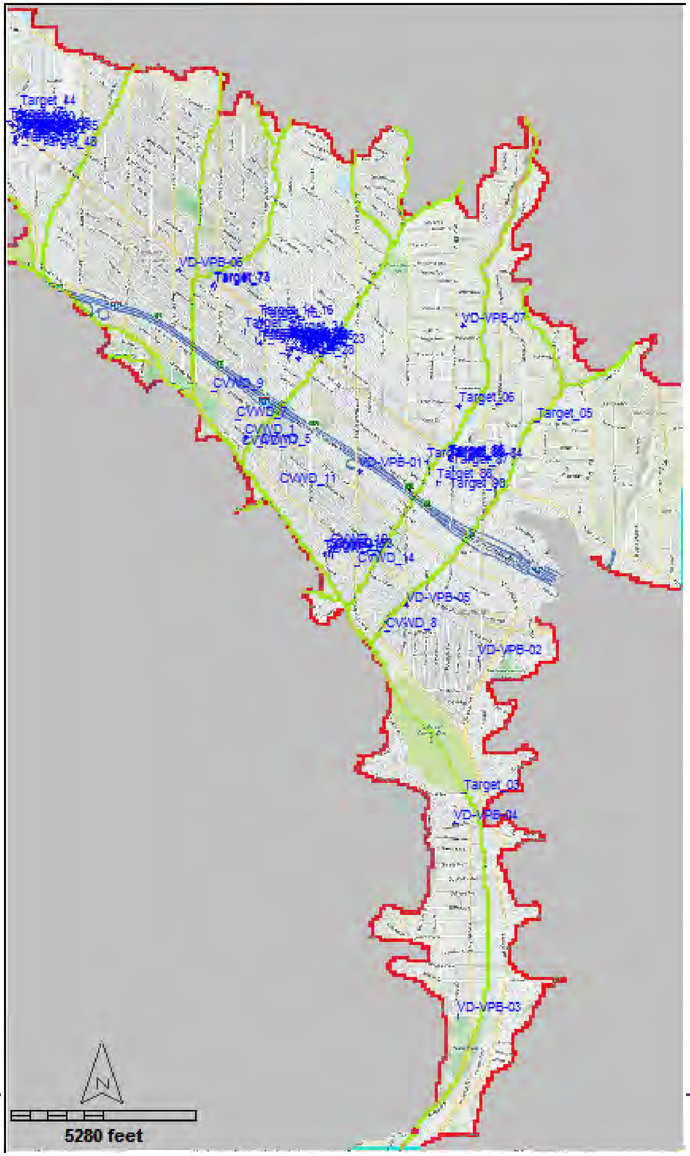
- **Inferred from differences in well borings across foothill Blvd.**
- **Groundwater head difference observed in wells on opposite sides of the fault.**

**La Crescenta Fault crosses near CVC Park**



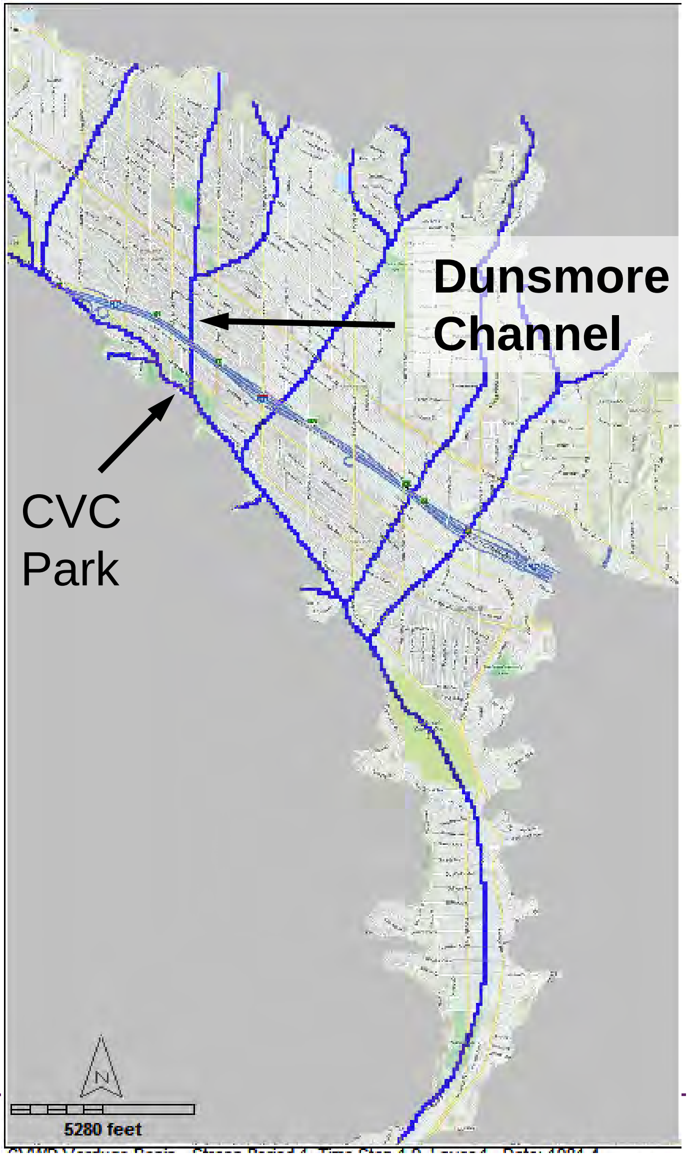
# New Target Wells

- **Added 43 New Targets Wells:**
  - Observation wells listed in GeoTracker GAMMA Database.
  - Associated with UST investigations.
  - Typically have data post-2005.
- **Added post-2005 observation to existing CVWD target wells**
- **Total of 4,149 groundwater observations (738 are new)**



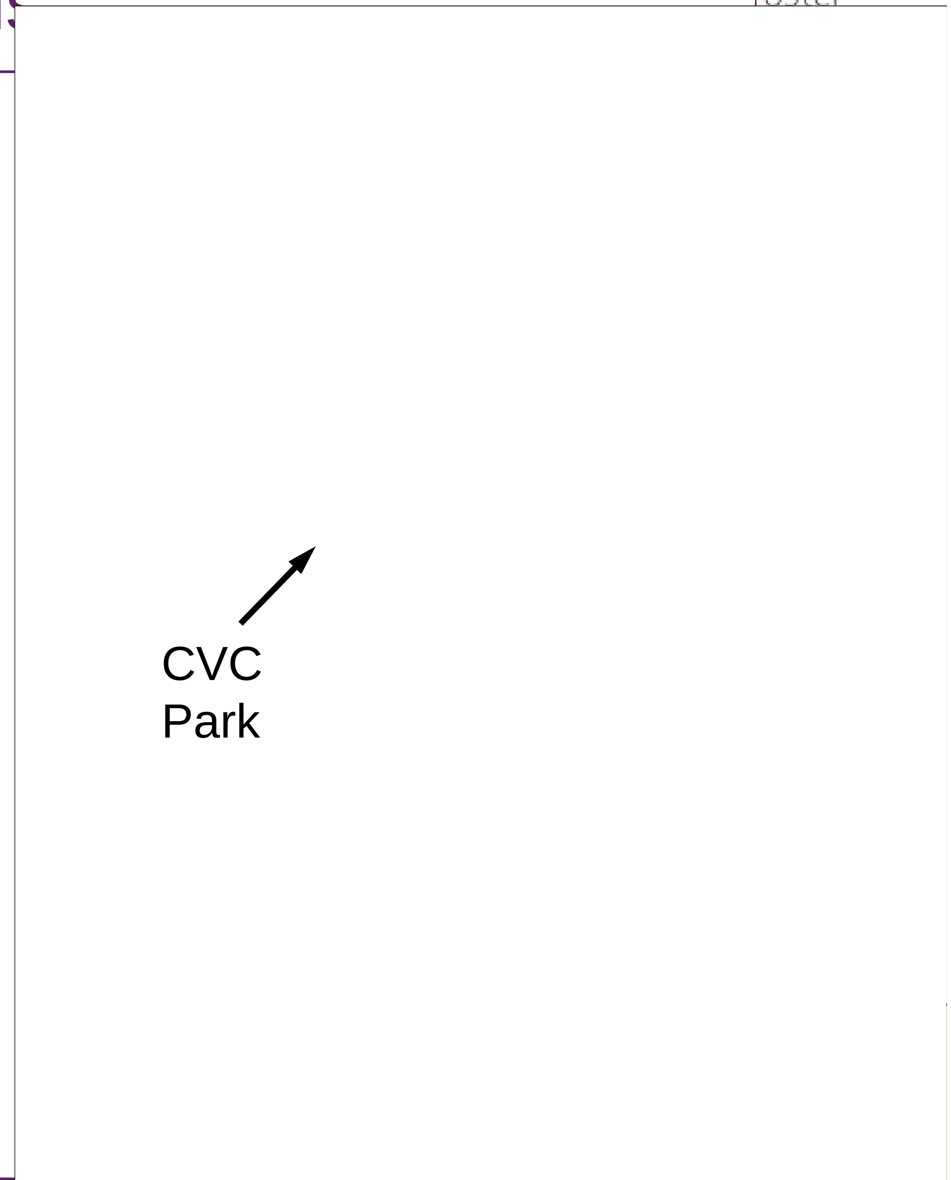
# Stream Routing and Flow Updates

- **Streams more fully interconnected to allow routing of storm water out of basin.**
- **Stream inflows allocated on watershed area and Verdugo Wash metered outflow.**
  - Stream segment flow allocated by metered monthly flow proportioned to watershed area.
  - Uncertainty associated with rising groundwater portion of Verdugo wash flows to be addressed in sensitivity analysis.



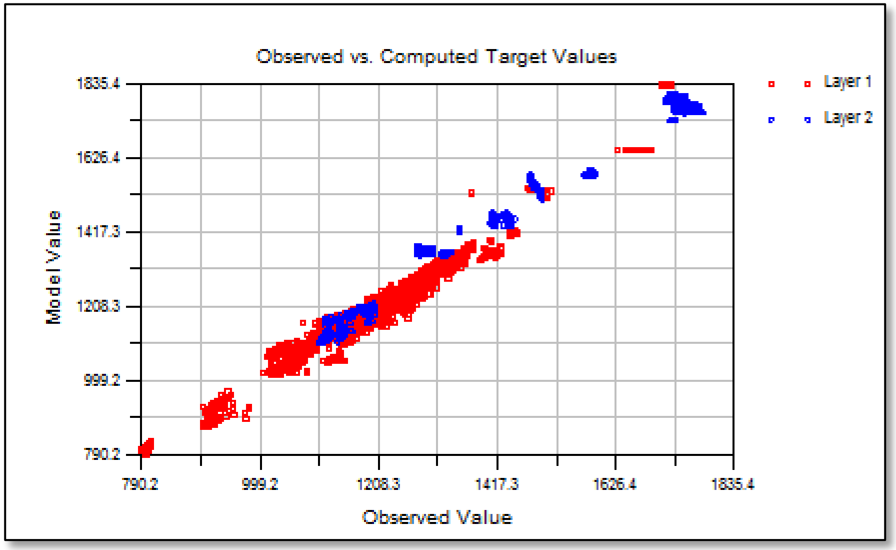
# Recharge Zone Allocations

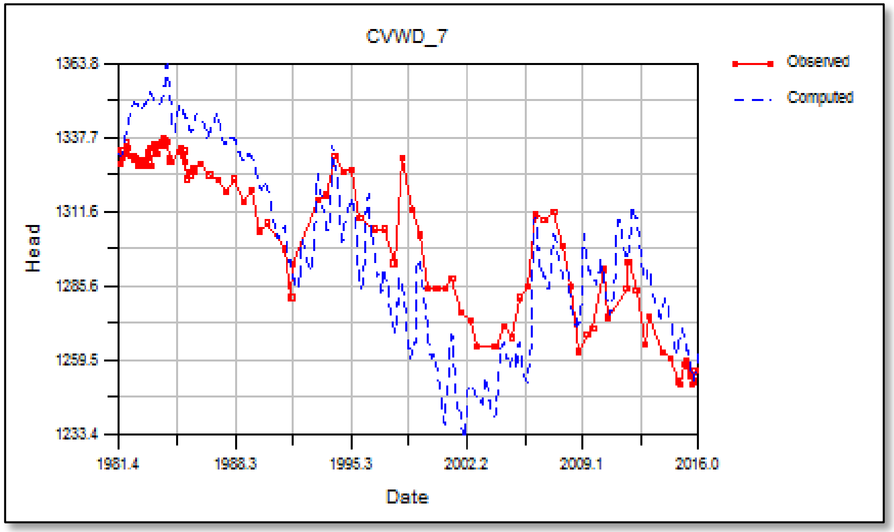
- **Areal recharge zone allocations are more detailed:**
  - Precipitation
  - Evapotranspiration
  - Land use
    - Percent land area imperviousness to percolation
    - Runoff Coefficients
    - Irrigated vs non-irrigated land use
  - Recharge zones incorporate service area deliveries based on water provider.
    - CVWD
    - City of Glendale
    - La Canada Irrigation District
    - City of Los Angeles



# Preliminary Model Calibration

- Generally good with Normalized Root Mean Square (NRMS) Error of 3.1% (<10% is considered calibrated)
- Good fit to CVWD wells
- Error greatest along Foothill Blvd (Uncertainties associated with fault conductance)
- Additional calibration to be done



# Preliminary Design

- **Considered a number of diversion and recharge locations**
  - Diversion structures at location(s) suitable to LACDPW
  - Parking lot runoff diversion and infiltration
  - Divert dry weather and wet weather flows
  - Recharge in open areas where infiltrated water does not create issues for trees, existing utilities, and structures
- **Recharge galleries must be lower elevation than diversion point**
- **Main components:**
  - Diversion structure(s): rubber dams or gates
  - Piping and sediment settlement chamber
  - Infiltration galleries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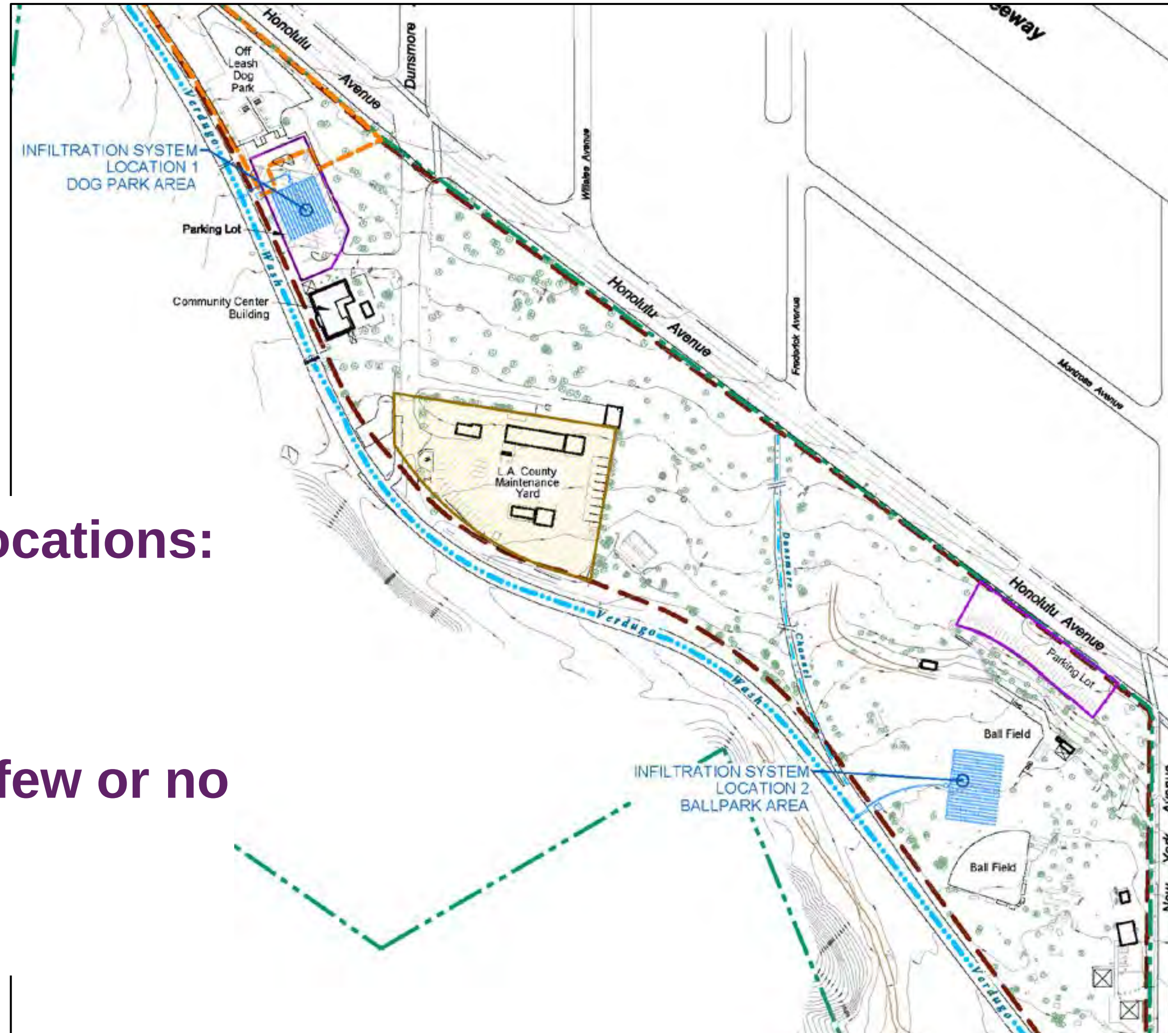
# Possible Diversion and Infiltration Locations




**Possible recharge locations:**

- **Parking lot area**
- **Ball field area**
- **Other areas with few or no trees?**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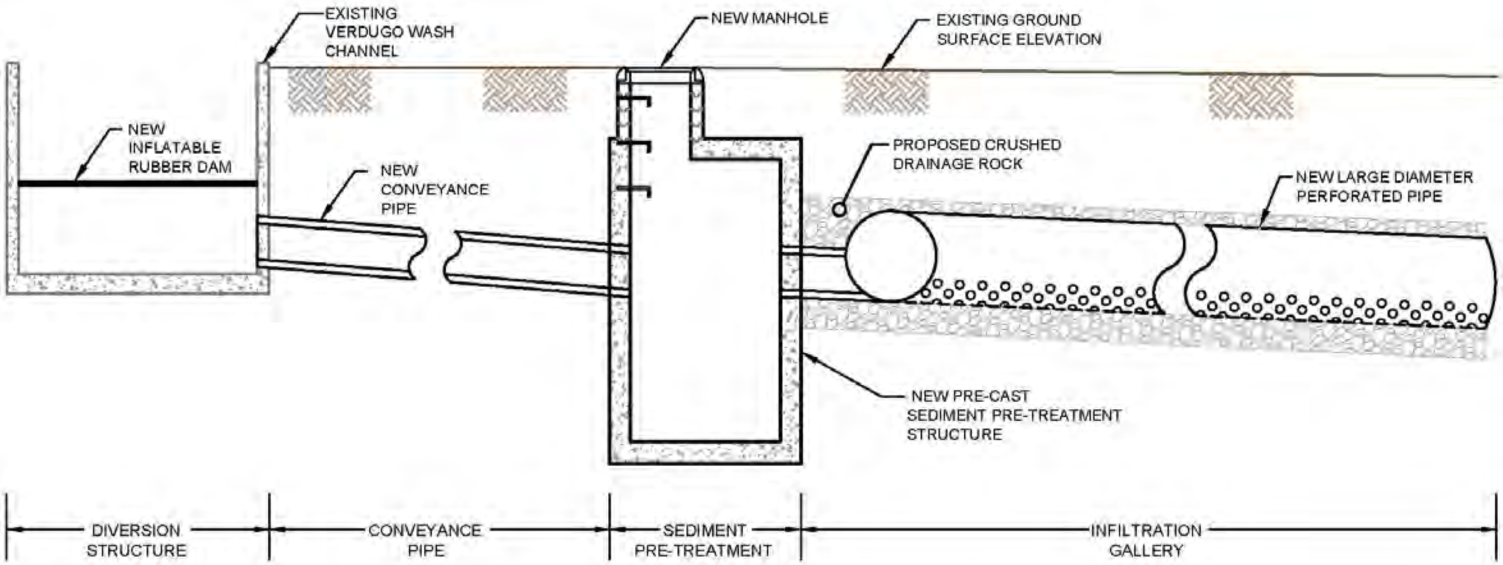
# Diversion and Infiltration Structures

## Key components




CHANNEL DIVERSION AND INFILTRATION SYSTEM

DRAWING NOT TO SCALE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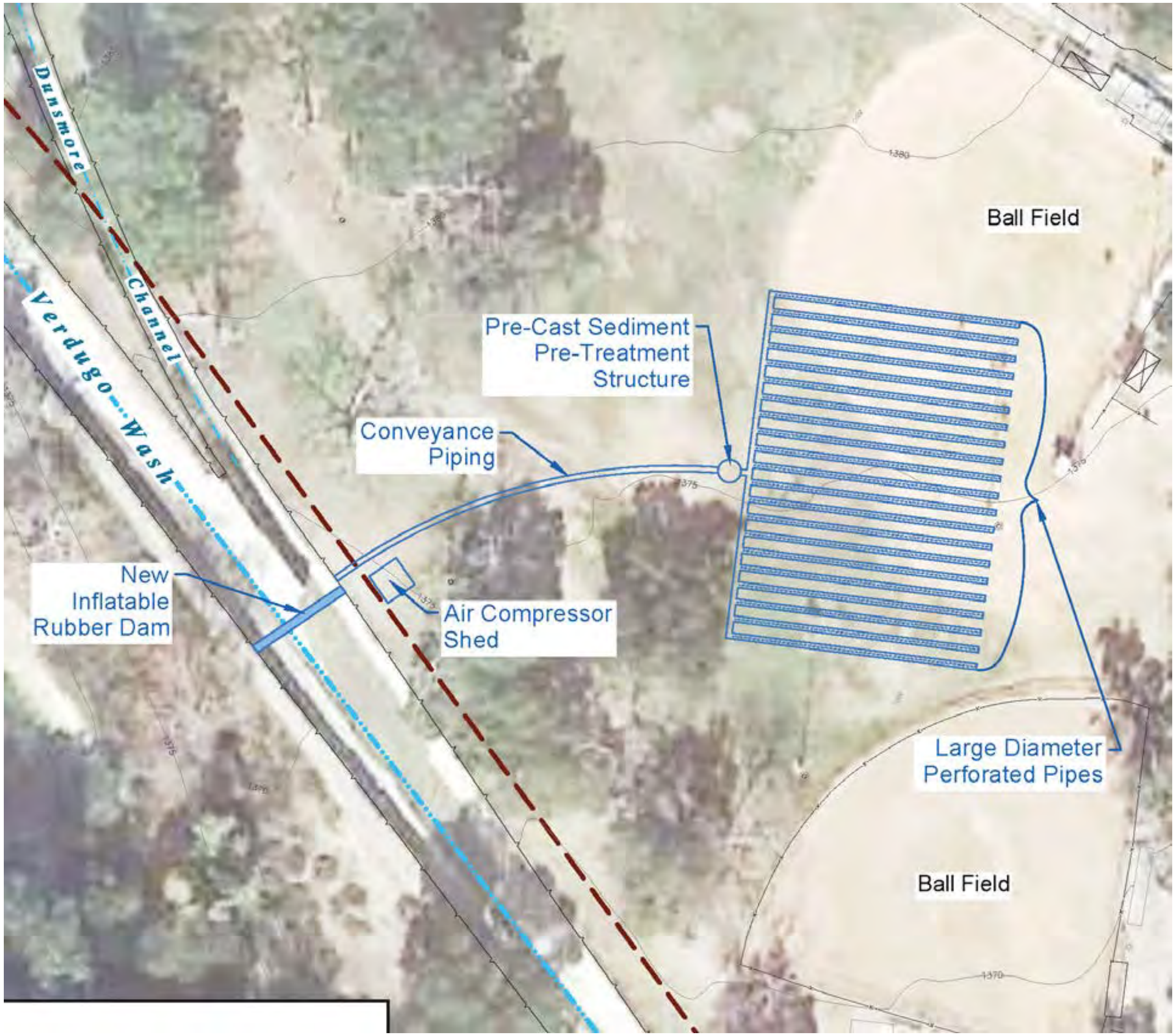
# Infiltration Layout-Ballpark Area





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# Infiltration Layout- Parking Lot Area



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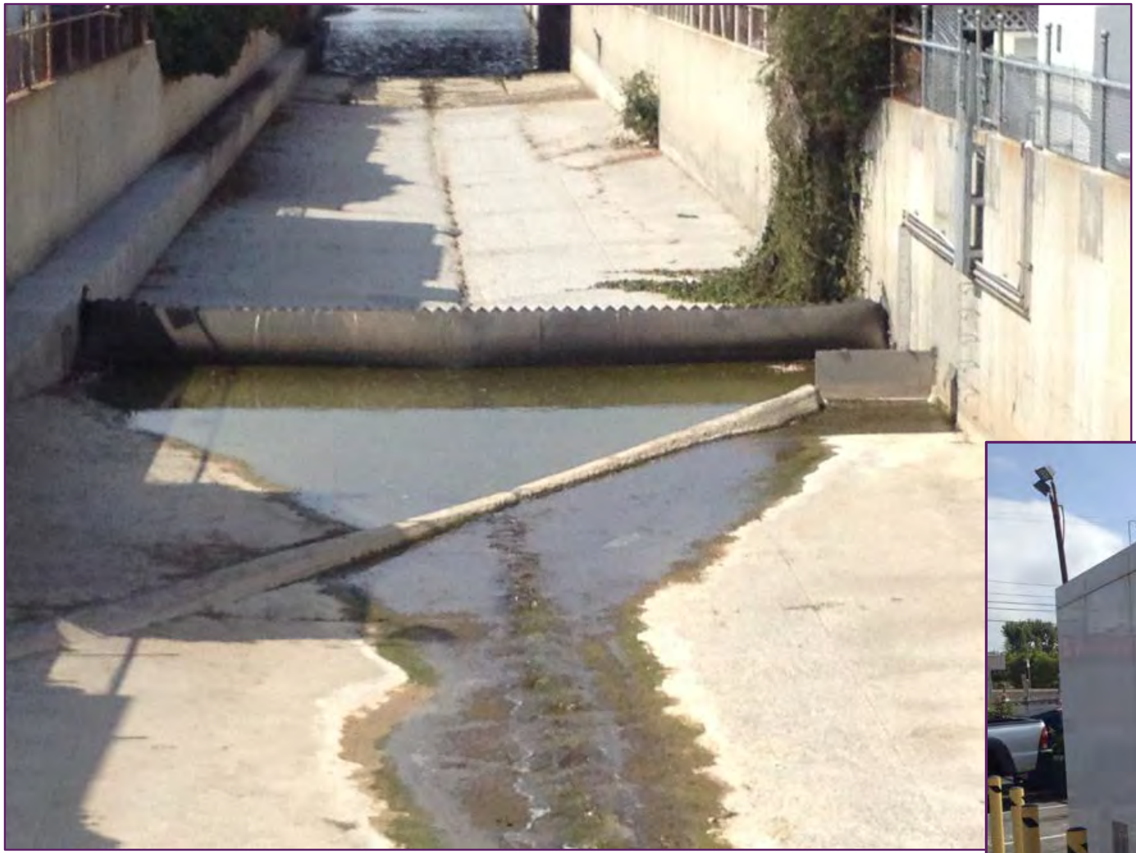
# Typical Diversion Structures

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# Typical Diversion Structures


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# Current (Initial) Conclusions

- **No fatal flaws identified**
- **Hydrogeology favorable for infiltration: generally permeable sediments, vadose zone and saturated zone**
- **Vadose zone and alluvial aquifer thinner at southeast end of park**
- **Water quality favorable for recharge**
- **Available dry weather flows less than previously estimated: may be related to drought water conservation**
- **Estimated water available for recharge in a typical year: 275 ± acre-feet**
- **Continuing analysis of data**


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# Schedule

- **Completing evaluations and modeling**
- **Submit draft Summary Report June 15**
- **Final report to be submitted July 1**
- **Monitoring stations to continue: operated by CVWD**


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# Questions?

# CRESCENTA VALLEY WATER DISTRICT
## BOARD OF DIRECTORS - STAFF REPORT

June 7, 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** May 2016:

**Production Numbers**

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

*** Compliance Reporting**

- Days of Outdoor Irrigation Allowed: 2/3
- Number of Water Waste Complaints: 6
- Number of Follow-ups: 6
- Number of Warnings: 6
- Number of Penalties: 0

* The District changed from Orange Alert (2-days per week watering) to Yellow Alert (3-days per week watering) on Thursday, May 26th, 2016.

On May 18, 2016, the State Water Resources Control Board (State) adopted revisions to the Emergency Regulations which were adopted this past February. In the new State Emergency Regulation, there is a self-certification conservation alternative. This new option allows the individual water supplier to "certify" that the level of available water is sufficient to meet demands assuming an additional three years of drought. The demand was specified to be the average demands of the 2013 and 2014 calendar years. The calculated demand for CVWD as defined by the regulations would be 4,555 acre feet per year.

Should there be a calculated shortage, for example if the water agency predicts that there would be a 10% shortage in water supply at the end of the three years, then the conservation target for that agency would become 10%. So that would be 10% per month reduction in water production as compared to the same month in 2013. Compliance would be measured monthly and assessed on a cumulative basis through January 2017.

Part of the numbers required to calculate a new conservation target using this alternate method requires imported water delivery numbers from wholesalers. At the time of this report, the District has not received a number from Foothill Municipal Water District, (FMWD) as to the amount of water that it expects could be delivered to the District in each of the next three years given the drought conditions specified in the new regulations. Numbers from wholesalers are due no later than June, 15th; however the District is expecting this information prior to the June 7th Board meeting.

In addition to the compliance method specified above, the original conservation target of 22% as calculated over the entire compliance period is still an option for compliance. Further analysis will be completed upon receipt of the imported water supply numbers from FMWD, and the self-certification will be submitted to the State by June 15th, as required by the regulations.

**<u>Regulatory Updates:</u>**

SB 814: This bill has not been amended since the previous version that was included in April 5, 2016 Board Package.

| | |
|---|---|
| 6/14/16 | Scheduled Committee Hearing Date |
| 05/10/16 | In Assembly. Read first time. Held at Desk. |
| 05/09/16 | Read third time. Passed. (Ayes 23. Noes 11.) Ordered to the Assembly. |
| 05/03/16 | Read second time. Ordered to third reading. |
| 05/02/16 | From committee: Be ordered to second reading pursuant to Senate Rule 28.8. |
| 04/22/16 | Set for hearing May 2. |
| 03/30/16 | Amended in Senate |
| 03/17/16 | Amended in Senate |

**<u>Event Calendar:</u>**

Descanso Bonsai Society Show - Sat and Sun 6/11-12 - 9:00 a.m. – 5:00 p.m.

Descanso Discovery Camp in conjunction with the Child Educ. Ctr. – June 20 thru 7/2 – 9:00 a.m. – 3:00 p.m.

CV Chamber – CV Fireworks - July 4 - 4:00 p.m.

CVWD – July 16 - Advanced Compost Class – 9:30 a.m. – 11:30 a.m.

CVWD/GWP – CA Friendly Landscape Class – 9:00 a.m. – 12:00 p.m.

**<u>CVWD Board meeting schedule:</u>**

Tuesday, June 21, 2016 – Adjourned scheduled Board Meeting at 7:00 p.m.

<u>Proposition 218 Public Hearing at 6:00 p.m.</u>

Tuesday, June 28, 2016 - Special Board Meeting at 7:00 p.m.

<u>(Consideration of adoption of Budget and Rates)</u>

Tuesday, July 5, 2016 – Regularly scheduled Board Meeting at 7:00 p.m.