



DATE: March 30, 2017

TO: Water Resources Committee
Ed Colley, Chair
Jerry Gladbach, Vice Chair
Tom Campbell
Bill Cooper
Dean Efstathiou

FROM: Dirk Marks *DEM*
Water Resources Manager

A meeting of the Water Resources Committee is scheduled to meet on **Thursday, April 6, 2017 at 5:30 PM** at the Santa Clarita Water Division located at 26521 Summit Circle, Santa Clarita, CA 91350 in the Training Room.

MEETING AGENDA

1. Public Comment
2. Water Resources Manager's Report
 - * 2.1 Status of Rosedale Rio-Bravo Water Storage District Banking and Exchange Program Extraction Facilities
 - * 2.2 Status of Groundwater Sustainability Agency Formation
 - * 2.3 Status of Water Supplies
 - 2.4 Other Staff Activities
3. * Review of Proposed Residential and CII Turf Replacement Programs
4. * Committee Planning Calendar
5. Adjournment
 - * Indicates attachment
 - To be distributed

cc: CLWA Board of Directors
Joe Byrne

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Notice:

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Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Castaic Lake Water Agency, located at 27234 Bouquet Canyon Road, Santa Clarita, California 91350, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Web site, accessible at <http://www.clwa.org>.

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Castaic Lake Water Agency Memorandum

March 23, 2017

To: CLWA Water Resources Committee

From: Dirk Marks *DM*
Water Resources Manager

Subject: Status of Rosedale-Rio Bravo Water Storage District Banking and Exchange Program Extraction Facilities

SUMMARY AND DISCUSSION

The Central Intake Pipeline has been placed in the ground and has been filled with water in preparation for leak testing. Currently the pipe is covered by approximately 2 feet of fill material and, after testing and approval, excavation backfill will be placed to grade. Connection of the Superior Wellfield wells to the Central Intake Pipeline will then be completed.

Construction is scheduled to start on the sixth well (Matuk well) in April 2017 and take six to eight weeks to complete. With certain previously drilled wells, some arsenic testing was conducted during well drilling. An approach to do similar work with the Matuk well will be provided by the hydrogeologist.

The well equipping bid summary will be provided to CLWA and Irvine Ranch Water District (IRWD) soon for review. The review will be a final check to make sure the bid approach includes previously requested alternative well equipping specifications and separate bid items identified by CLWA and IRWD. The release of the well equipping bid documents is later than anticipated and CLWA and IRWD are considering ways to reduce internal review times.

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Castaic Lake Water Agency Memorandum

March 23, 2017

To: CLWA Water Resources Committee
From: Dirk Marks *DM*
Water Resources Manager
Subject: Status of Groundwater Sustainability Agency Formation

SUMMARY AND DISCUSSION

The Groundwater Sustainability Agency Formation Work Group (Work Group) continues to focus its efforts on development of a Memorandum of Understanding (MOU) to form the Santa Clarita Valley Groundwater Sustainability Agency (SCVGSA). The Work Group recommends that under this MOU, the Agency, the City of Santa Clarita, the County of Los Angeles, the Los Angeles County Waterworks District 36, Newhall County Water District and the Santa Clarita Water Division would form the SCVGSA.

On March 20, 2017, a Work Group meeting was held and was open to the public. During this meeting the public observed the work group operate and provided input. Some members of the public stressed they felt it was important that small private pumper interests be represented. The Work Group agreed to recommend that the SCVGSA form an advisory committee that would include members representing private pumpers, mutual water companies and an environment/conservation role. The Work Group will meet again in late March 2017 and finalize the MOU approach that will be recommended to each public agencies' Board or Council.

The next GSA Stakeholder Forum is scheduled for April 5, 2017. Its purpose includes informing stakeholders of the proposed MOU and intended GSA members. Following this meeting, the Work Group anticipates finalizing the recommended MOU and making it available for review.

Staff anticipates providing additional information to the Committee at its April 6, 2017 meeting with updates on the late March 2017 Work Group meeting.

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Castaic Lake Water Agency Memorandum

March 23, 2017

To: CLWA Water Resources Committee
From: Dirk Marks *DM*
Water Resources Manager
Subject: Status of Water Supplies

SUMMARY

On January 18, 2017, the Department of Water Resources (DWR) increased the State Water Project (SWP) Allocation to 60 percent. Recent allocation analyses support this amount, however, the effects of the Oroville spillway failure are still being assessed by the DWR on SWP operations.

DWR has filled its portion of the San Luis Reservoir and all carryover supplies that could not be delivered have spilled as of March 7, 2017. We currently estimate that approximately 3,300 acre-feet (AF) of carryover water was delivered to the Agency prior to March 7, 2017.

To help mitigate loss of the carryover supply in San Luis Reservoir, an agreement between the Agency and Metropolitan Water District of Southern California (MWDSC) was executed in February 2017 allowing for an unbalanced exchange (3:2) of the Agency's SWP carryover water in San Luis Reservoir. Under this agreement, 30,000 AF of the Agency's carryover supply in San Luis Reservoir was made available to MWDSC. In exchange, MWDSC would, in the absence of spill, return 20,000 AF to the Agency by December 31, 2017. An early estimate of potential recovery of carryover supply from this agreement is 12,000 AF.

Damage to a wing wall on one of the gates at the Clifton Court Forebay has resulted in the Banks Delta pumping plant being shut down while repairs to the damaged structure are undertaken. It is anticipated that repairs should be completed by the end of April 2017. DWR commented that the shutdown and repairs can be completed without adversely affecting SWP water deliveries south of the Delta. However, SWP water is being moved through the Central Valley Project's Jones Pumping Plant. DWR has been assigned the capacity of one of the Jones' pumping units (approximately 800 cfs) and that appears to be sufficient to meet Table A demands without using supply in the San Luis Reservoir at this time. This can change depending on actual demands.

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Castaic Lake Water Agency

Memorandum

March 30, 2017

To: CLWA Water Resources Committee

From: Dirk Marks *DM*
Water Resources Manager

Subject: Review of Proposed Residential and CII Turf Replacement Programs

SUMMARY

For FY 2017/18, staff does not recommend any substantive changes to the rules for Residential and CII Turf Replacement Programs, but anticipates several enhancements to increase the quality of the programs and the number of participants.

In particular, staff suggests three refinements for the Residential and CII Turf Replacement Programs for the new fiscal year:

1. Creating video content to minimize the amount customers will need to read;
2. Offering a rebate credit of \$150 towards landscape design fees; and
3. Marketing directly to customers with digital and direct mail.

DISCUSSION

Staff has been testing different software to create simple videos to be used to briefly explain program rules and/or to create on-line class content for customers. Videos can be animated with simple animation of words and photos and can be created with narration and music. These videos are in keeping with industry trends toward providing video rather than written content in an on-line environment.

Staff has developed an additional rebate program for landscape design services for the Residential Turf Replacement Program. Staff is currently soliciting qualified landscape designers to create a group from which customers can choose a landscape designer. This program would provide an additional rebate of \$150 total for two hours of landscape design assistance during which the landscape designer could provide a rough design, plant list or assist in troubleshooting a difficult area of the yard. Customers could hire the landscape designer for additional time, but would need to cover the cost themselves. The additional rebate would only be provided to customers after project completion, and only as an additional amount on their rebate of \$2/square foot.

Staff has investigated alternative methods of reaching customers, including digital ads and direct marketing, to cope with a marked decline of interest after 2016 predictions of El Nino, removal of watering restrictions and a wet 2017 winter. These strategies have proven successful in that staff is able to directly target customers who would benefit from participating in our program. Staff is able to monitor analytics in real-time and make marketing decisions and course corrections based on the data. This ensures that we are receiving a return on investment from our advertising/marketing dollars and that it is translating to more traffic to our website. For example, a modest increase of \$5,000 per month increased website traffic by more than 900 website sessions or 25% from December 2016 to February 2017.

In FY 2017/18, staff is planning to shift the focus of its media buy efforts from traditional (print, billboard, radio, etc.) media buys to digital ads and direct marketing, which allows direct targeting of customers who would benefit by participating in our conservation programs.

FINANCIAL CONSIDERATIONS

Funds for the above program enhancements are included in the FY 2016/17 budget and in the proposed FY 2017/18 Budget.

SF/RV/LG

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Water Resources Committee and Board Calendar

FY 2016/17

	Item	Apr 6 Comm	Apr 26 Board	May 4 Comm	May 24 Board	Jun 1 Comm	Jun 28 Board
1	Status of Rosedale Rio-Bravo Water Storage District Banking and Exchange Program Extraction Facilities	P		P		P	
2	Status of Groundwater Sustainability Agency Formation	P	P	P		P	
3	Status of Water Supplies	P					
4	Review of Proposed Residential and CII Turf Replacement Program	P	P				
5	Potential Water Transfer (CLOSED SESSION)		P				
6	Real Property Negotiations Regarding Devil's Den Property Sale (CLOSED SESSION)		P				
7	Recommend Approval of a Resolution Authorizing the General Manager to Execute an Assignment of the Annexation Agreement for the Tesoro Del Valle Development to BLC Tesoro, LLC and extend the term of the Agreement to September 30, 2020			P	P		
8	Recommend Approval of a Resolution Authorizing the General Manager to Enter into an Agreement to Form a Groundwater Sustainability Agency			P	P		
9	Review Devil's Den Semi-Annual Report					P	
10	Status of Salt and Nutrient Management Plan					P	
11	Status of Sites Reservoir Project					P	
12	Status of K-12 Education Activities					P	

P = Planned

C = Completed

CNL = Cancelled

CNT = Continued Item