



Date: February 6, 2019

To: Water Resources and Watershed Committee
Maria Gutzeit, Chair
Tom Campbell
Kathy Colley
William Cooper
Robert DiPrimio
Jerry Gladbach

From: Steve Cole, Assistant General Manager *SCW*

The **Water Resources and Watershed Committee** is scheduled to meet on **Wednesday, February 13, 2019 at 6:00 PM at Santa Clarita Water Division** located at 26521 Summit Circle, Santa Clarita, CA 91350 in the Training Room.

MEETING AGENDA

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments	
2.	Water Resources Director's Report 2.1 Status of Water Supplies 2.2 Status of Efforts Relating to Groundwater Spreading Pilot Program 2.3 Other Staff Activities	
3. *	Update on Conservation Activities	3
4.	Update on Conservatory Garden	
5. *	Recommend Authorizing the General Manager to Recover Stored Water from Existing Water Banking or Exchange Programs	5
6.	California's Fourth Climate Change Assessment	
7. *	Committee Planning Calendar	9
8.	Adjournment	
	* Indicates attachment	
	◆ To be distributed	

NOTICES:

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 297-1600, or writing to Santa Clarita Valley Water Agency at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

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 Santa Clarita Valley 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 Website, accessible at <http://www.yourscvwater.com>.

Posted on February 6, 2019.

MBS



COMMITTEE MEMORANDUM

DATE: January 31, 2019

TO: Water Resources and Watershed Committee

FROM: Matt Dickens *MD*
Resource Conservation Manager

SUBJECT: Update on Conservation Activities

SUMMARY AND DISCUSSION

Multi-Family Water Conservation Project

Throughout 2018, staff conducted analysis specific to multi-family (apartment) water use using Energy Star’s Portfolio Manager Water Score tool. The Water Score tool enables utilities, apartment managers and efficiency consultants to determine a site’s water use intensity (WUI); an essential component to developing a water conservation action plan. When calculating the WUI, the tool compares relative metrics including all water sources, building square footage, irrigated area and weather to water efficiency metrics of similar facilities. Water Scores range from 1-100, where a score of 75 or greater is considered efficient. Analysis conducted by staff clearly denotes that most apartments score well below the efficient level and are likely candidates for water efficiency assistance and support from SCV Water.

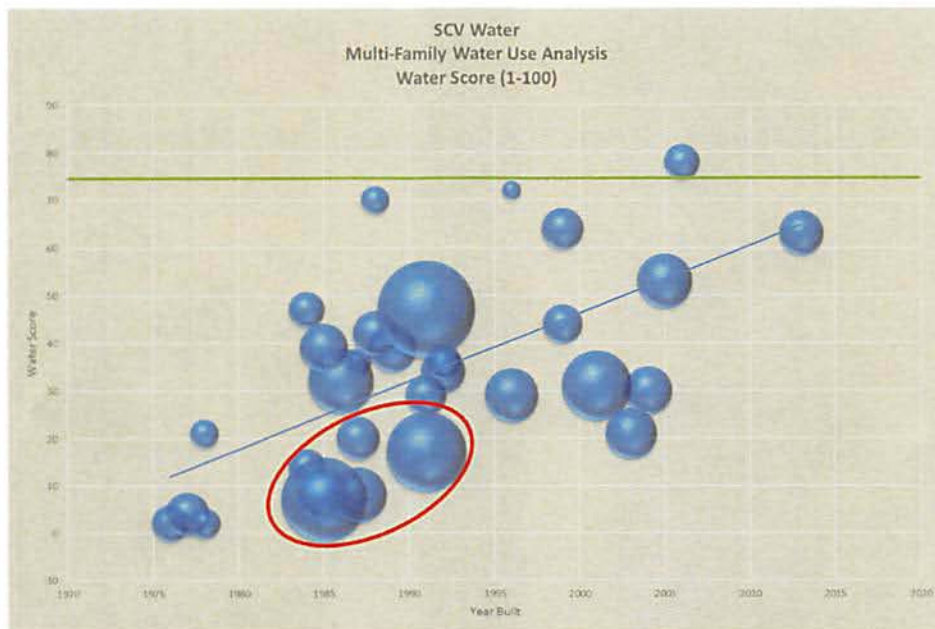


Figure 1 – 2018 Sample Water Scores for Multi-Family Complexes (SCV Water)

Programs offered by SCV Water include free water check-ups that provide high-efficiency plumbing devices and installation, leak detection and comprehensive irrigation audits. For irrigation programs, SCV Water offers incentives for removing and replacing turf with water-efficient

landscaping and rebates for installing smart irrigation controllers, converting spray irrigation for non-turf areas to drip, installing pressure regulating bodies or a master pressure regulating device and installing a pool cover. Additionally, SCV Water, via the Water Efficiency Works (WEW) program, provides indoor plumbing rebates for dual flush valve toilets, waterless/ultra-high efficient urinals, and high and ultra-high efficiency toilets.

The Conservation team recently met with local property management representatives to schedule the free check-ups and to promote other incentive and rebate programs. The first of four properties are in the scheduling process and the check-ups should be completed in February 2019. All check-ups in this phase, approximately 1,054 dwelling units, are expected to be completed in FY 2018/19. Staff has determined that the current budget will cover the expected costs associated with the check-ups and for anticipated irrigation upgrades and indoor plumbing retrofits. Following the check-ups, both SCV Water and participating sites will receive a full report identifying findings, recommendations, available rebate and incentive opportunities, and projected plan schedules. Staff will monitor performance annually using the Water Score tool and other need versus use metrics. Further, staff will look for opportunities to recognize success and achievement and for additional avenues of engagement.

MD

MBS



COMMITTEE MEMORANDUM

DATE: February 4, 2019

TO: Water Resources and Watershed Committee

FROM: Dirk Marks *DM*
Director of Water Resources

SUBJECT: Recommend Authorizing the General Manager to Recover Stored Water from Existing Water Banking or Exchange Programs

SUMMARY

Current uncertainty in the State Water Project (SWP) watershed hydrology has resulted in a low SWP water allocation that may not meet imported water demands for SCV Water's service area. To meet demands, SCV Water may need to access water from SCV Water's water exchanges or banking programs. To accomplish this, the General Manager would need authorization to expend funds.

DISCUSSION AND ANALYSIS

To date, the 2018/19 water year has been characterized by average precipitation and snow pack. December 2018 started off with below average precipitation, but recovered in January 2019 and is currently at 98% of average to date. The watersheds feeding the SWP are still recovering from dry conditions experienced in 2017/18; therefore, substantial precipitation is being absorbed into the ground resulting in below average runoff.

DWR set the initial SWP allocation at 10%, and after precipitation experienced in early January 2019, increased the allocation to 15%. The 90 day forecast, which covers February 2019 through April 2019, predicts above normal temperature with below normal precipitation in the northern part of the state, and equal chances of above normal and below normal precipitation for the remainder of the state. Currently, DWR estimates an allocation of 15% if very dry conditions are experienced for the remainder of the year. If average conditions are experienced, the allocation would be expected to be increased to only 40%.

As shown on Table 1, if demands in SCV Water's service area continue to increase at the rate experienced during 2018, a 15-30% SWP allocation will not be sufficient to meet demands. SCV Water would make up this difference with SWP carryover water, if available. SCV Water currently has over 39,000 AF of carryover water supply in the San Luis Reservoir. However, all (or a portion of) this supply is subject to "spill" (reclassification to project purposes) should the SWP share of San Luis Reservoir fill. Currently, San Luis storage levels are high, primarily because over 600,000 AF is being utilized for contractor carryover storage. Thus, there is a potential for a significant portion of carryover water to "spill".

At this time, staff believes the most likely outcome is that the SWP water allocation will remain at 15% or be modestly increased if predicted low precipitation comes to pass. While dry conditions reduce the probability that carryover water will "spill", at this time the possibility of spill cannot be ruled out. Thus, to provide SCV Water with the maximum flexibility to manage its water portfolio in 2019, staff recommends the General Manager be authorized to access up to 15,000 AF of exchange and/or banked water supplies, if needed. The sources of supply would include the 2:1 Rosedale Rio-Bravo Exchange, the Rosedale Rio-Bravo Banking Program, and the Semitropic Water Banking Program. Costs associated with the recovery of water from these programs, at a 15% allocation, are estimated at \$1,700,000 as shown on Table 2. In the case of a 20% allocation, these costs will be reduced.

FINANCIAL CONSIDERATIONS

The anticipated maximum costs of accessing 15,000 AF of exchange and/or banked water is \$1,700,000. Expenditures would be spread over the 2018/19 Operating Budget and the FY 2019/20 Operating Budget. Staff estimates that up to \$375,000 may be expended in the current fiscal year. Sufficient unexpended funds exist in the Water Resources BMP Implementation Budget to cover this expenditure in FY 2018/19. Expenditures in FY 2019/20 would be available from the Water Supply Reliability Reserve Fund.

RECOMMENDATION

That the Water Resources and Watershed Committee recommends that the Board of Directors authorize the General Manager to expend up to \$1,700,000 to access water from water exchange and/or banking programs.

SF

Attachment

MGS

Table 1

DRAFT - 2019 Operating Plan (2019 Carryover Spills)	2019 15% SWP Allocation	2019 20% SWP Allocation	2019 30% SWP Allocation	2019 40% SWP Allocation
Demand	73,000	73,000	73,000	73,000
Groundwater ¹	28,000	28,000	28,000	28,000
Alluvium	18,000	18,000	18,000	18,000
Saugus	10,000	10,000	10,000	10,000
Recycled Water	500	500	500	500
Imported Demand	44,500	44,500	44,500	44,500
SWP Table A	14,280	19,040	28,560	38,080
BVRRB	11,000	11,000	11,000	11,000
Total Available Imported Supplies	25,280	30,040	39,560	49,080
Excess Imported Supplies (neg = shortfall)	(19,220)	(14,460)	(4,940)	4,580
SWP Carryover Delivered ²	3,720	3,720	3,720	3,720
Devil's Den Delivery				
Rosedale Banking	10,000	10,000	1,220	
Rosedale Exchange				
Water Sales/Exchanges				
Flexible Storage (up to 6,060 AF)	500			
Semitropic Enhanced Recovery Unit	5,000	740		
West Kern Water Agency 2:1				
SWP Carryover into 2020 (neg = excess)		0	0	(8,300)
Total Supplies	44,500	44,500	44,500	44,500
Estimated Carryover for 2020	0	0	0	8,300

Notes:

- 1. 2019 Projected Alluvium and Saugus groundwater based on dry estimates 9/18
- 2. Assumes carryover remains available through mid March and balance spills

Table 2

Bank	\$/AF	AF	Total Cost
RRB wells	\$70	10,000	\$700,000
SWRU	\$200	5,000	\$1,000,000
Total:		15,000	\$1,700,000

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Santa Clarita Valley Water Agency
Water Resources & Watershed Committee and Board Calendar

FY 2018/19

	Item	Jul 11 Comm	Jul 17 Board	Aug 7 Board	Aug 8 Comm	Sep 4 Board	Sep 12 Comm	Oct 2 Board	Oct 10 Comm	Nov 6 Board	Nov 14 Comm	Nov 20 Board	Dec 5 Comm <i>Special</i>	Jan 7 Board <i>Special</i>	Jan 9 Comm	Feb 5 Board	Feb 13 Comm	Mar 5 Board	Mar 13 Comm	Apr 2 Board	Apr 10 Comm	Apr 30 Board <i>Special</i>	May 13 Comm <i>Special</i>	Jun 4 Board	Jun 12 Comm
1	Update on Conservation Activities	C		C	C		C		CNL		C		C				P		P		P		P		P
2	Update on Conservatory Garden																P								
3	Devil's Den Semi-Annual Report	C													C										
4	Status of Water Banking Programs	C				C													P						P
5	Status of Sustainable Groundwater Management Act Implementation				C				CNL		C								P				P		
6	Status of Recycled Water Program		C																						
7	Status of Sites Reservoir Project				C		C																		
8	Status of Efforts Relating to Groundwater Spreading Pilot Program																P								
9	Status of Water Supplies												C				P								
10	Status of Integrated Regional Water Management Plan Update																								
11	Status of Upper Santa Clara River Salt and Nutrient Management Plan								CNL				C												
12	Status of Rosedale Rio-Bravo Water Storage District Banking and Exchange Program Extraction Facilities														C										
13	Status of Devil's Den Solar Generation Facilities												C												
14	Recommend Authorizing the General Manager to Recover Stored Water from Existing Water Banking or Exchange Programs																P	P							
15	Recommend Authorizing the General Manager to Execute an Agreement for SCV Water's Participation in Sites Reservoir 2019 Participation Agreement								CNL						C	C									

**Santa Clarita Valley Water Agency
Water Resources & Watershed Committee and Board Calendar**

FY 2018/19

Item	Jul 11 Comm	Jul 17 Board	Aug 7 Board	Aug 8 Comm	Sep 4 Board	Sep 12 Comm	Oct 2 Board	Oct 10 Comm	Nov 6 Board	Nov 14 Comm	Nov 20 Board	Dec 5 Comm <i>Special</i>	Jan 7 Board <i>Special</i>	Jan 9 Comm	Feb 5 Board	Feb 13 Comm	Mar 5 Board	Mar 13 Comm	Apr 2 Board	Apr 10 Comm	Apr 30 Board <i>Special</i>	May 13 Comm <i>Special</i>	Jun 4 Board	Jun 12 Comm
16 Status of Requests for Proposals for (1) Stakeholder Communication and Engagement Services, (2) Engineering and Hydrogeology Services and (3) Grant Administration Services for Development of a Groundwater Sustainability Plan on Behalf of the Santa Clarita Valley Groundwater Sustainability Agency												C												
17 Recommend Approval of a Resolution Authorizing the General Manager to Execute the Delta Conveyance Financing Authority Joint Power Agreement								CNL		C	C													
18 CLOSED SESSION: Anticipated Litigation										C	C													
19 CLOSED SESSION: Anticipated Litigation										C	C													
20 Recommend Approval of a Resolution Authorizing the General Manager to Enter into Contracts for (1) Stakeholder Communication and Engagement Services, and (2) Engineering and Hydrogeology Services for Development of a Groundwater Sustainability Plan on Behalf of the Santa Clarita Valley Groundwater Sustainability Agency (SCV-GSA)														C	C									
21 Recommend Approval of a Resolution Adopting Lead Agency CEQA Findings and Submit LAFCO Application for Annexation of Tesoro Del Valle (Revised Vesting Tentative Tract Map 51644-1)																						P	P	
22 California's Fourth Climate Change Assessment																P								
23 Recommend Approval of a Resolution Authorizing the General Manager to Execute an Amendment to the State Water Project Water Supply Contract to Allocate California WaterFix Costs and Provide for the Transfer and Exchange of State Water Project Water Supplies																			P	P				
24 Review of Watershed Recharge Feasibility Study																								P
25 Approve Authorizing the General Manager to Approve the Agreement in Principle to Amend the Agency's Water Supply Contract with the California Department of Water Resources	C		C																					

**Santa Clarita Valley Water Agency
Water Resources & Watershed Committee and Board Calendar**

FY 2018/19

	Item	Jul 11 Comm	Jul 17 Board	Aug 7 Board	Aug 8 Comm	Sep 4 Board	Sep 12 Comm	Oct 2 Board	Oct 10 Comm	Nov 6 Board	Nov 14 Comm	Nov 20 Board	Dec 5 Comm <i>Special</i>	Jan 7 Board <i>Special</i>	Jan 9 Comm	Feb 5 Board	Feb 13 Comm	Mar 5 Board	Mar 13 Comm	Apr 2 Board	Apr 10 Comm	Apr 30 Board <i>Special</i>	May 13 Comm <i>Special</i>	Jun 4 Board	Jun 12 Comm
26	Recommend Approval of a Resolution Authorizing the General Manager to Execute an Agreement Forming the Joint Powers Authority for the Santa Clarita Valley Groundwater Sustainability Agency (SCV-GSA) and to Execute a Contract for SCV Water to Provide Management and Technical Services to SCV-GSA	C		C																					
27	Appoint a Fourth Santa Clarita Valley Groundwater Sustainability Agency Director and Alternate Director, and Designate a Single Alternate Director for Each Existing Director			C																					
28	Recommend Approval of a Resolution Authorizing the General Manager to Execute an Assignment of Buena Vista-Rosedale Rio Bravo Water Supply to the Proposed Tapia Annexation		C																						
29	Recommend Adoption of a Resolution Approving a Labor Compliance Program on Certain Grant-Funded Public Works Capital Improvement Projects and Authorize Staff to Pursue Approval of the Labor Compliance Program by the Department of Industrial Relations						C	C																	
30	Recommend Authorizing the General Manager to Execute a Memorandum of Understanding with United Water Conservation District to Facilitate Cooperative Watershed Planning						C	C																	
31	Review Proposed Integrated Regional Water Management Proposition 1 Grant Funding Allocation Strategy						C																		
32	Recommend Adoption of a Resolution Authorizing the General Manager to Execute a Grant Agreement on Behalf of the Santa Clarita Valley Groundwater Sustainability Agency (SCV-GSA) with the California Department of Water Resources for Preparation of Portions of a Groundwater Sustainability Plan (GSP)						C	C																	

P = Planned
C = Completed
CNL = Cancelled
CNT = Continued Item