



Date: October 2, 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 *SC*

The **Water Resources and Watershed Committee** is scheduled to meet on **Wednesday, October 9, 2019 at 6:00 PM** in the Summit Circle Training Room located at 26521 Summit Circle, Santa Clarita, CA 91350.

MEETING AGENDA

<u>ITEM</u>	<u>PAGE</u>
1. Public Comments	
2. * Recommend Adoption of a Resolution Authorizing the General Manager to Submit an Application for a Round 1 Integrated Regional Water Management Implementation Grant and Execute a Grant Agreement with the California Department of Water Resources	1
3. * Recommend Approval of a Resolution Authorizing the General Manager to Enter into a Contract with WaterWise Consulting, Inc.	7
4. Water Resources Director's Report 4.1 Sites Reservoir Status Report 4.2 Other Staff Activities	
5. Resource Conservation Manager's Report * 5.1 Update on Conservation Activities and Performance	13
6. * Committee Planning Calendar	17
7. 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 October 3, 2019.



COMMITTEE MEMORANDUM

DATE: September 30, 2019

TO: Water Resources and Watershed Committee

FROM: Steve Cole *SC*
Assistant General Manager

SUBJECT: Recommend Adoption of a Resolution Authorizing the General Manager to Submit an Application for a Round 1 Integrated Regional Water Management Implementation Grant and Execute a Grant Agreement with the California Department of Water Resources

SUMMARY

Consistent with SCV Water's Strategic Plan objective of acquiring grant funding for recycled water and other water supply projects, staff along with other Upper Santa Clara River Integrated Regional Water Management (USCR IRWM) Group members intend to apply for a Proposition 1 Implementation Grant (Prop 1 Grant). This memorandum describes the process, financial considerations, and seeks approval of a resolution.

DISCUSSION

The Department of Water Resources (DWR) is providing grant funding under Proposition 1 to improve regional water self-reliance and adapt to the effects of climate change on water supply. Funding is available through a competitive grant process to Integrated Regional Water Management regions.

In April 2019, the state issued its Round 1 Implementation Grant Proposal Solicitation Package. At this time, the state is offering approximately \$37M in competitive grant funds for the Los Angeles-Ventura Funding Area. The minimum cost share per grant application is 50%. Within this funding area, the Upper Santa Clara River Integrated Regional Management (USCR IRWM) region is competing for grant funding with the Watershed's Coalition of Ventura County region (WCVC) and the Greater Los Angeles region (GLA).

The USCR IRWM region has selected a suite of projects anticipated to be included in a grant application. The USCR IRWM member agencies proposing projects include the City of Santa Clarita, Los Angeles County, the Santa Clarita Valley Sanitation District and SCV Water.

The approach developed by the state for this solicitation differs from past approaches in that it allowed for funding areas to hold a pre-grant-application workshop with DWR to get feedback on proposed projects, prior to submitting the grant application. Two days of pre application workshops were held. On September 9, 2019, the GLA region presented its projects to DWR. On September 10, 2019, the USCR and WCVC IRWM regions presented their projects to DWR. At each workshop, DWR provided feedback on each region's proposed projects. The USCR IRWM region is considering DWR's feedback and making clarifications in anticipation of submitting its final grant application in December 2019. At this stage, we believe all six projects will be included in the grant application.

The current approach would provide \$4M funding to SCV Water for construction of two projects and grant administration for the funding region. The projects in the application are strategically valuable to SCV Water, the member agencies of the USCR IRWM, and stakeholders.

Following is a brief description of the six projects and their benefits.

1. Construction of all or part of the South End Recycled Water Project (Phase 2C). The project will allow for distribution of approximately 670 acre feet per year (AFY) of recycled water by 2030. Use of recycled water provides for a locally reliable resource. The current project cost estimate is \$15.7M, and the current grant request is \$3M.
2. Construction of the Per- and Polyfluoroalkyl Substances (PFAS) Groundwater Treatment Project. This project will install a treatment system to remove PFAS from raw groundwater, allowing ongoing utilization of the local groundwater resources. If local groundwater production were taken offline due to PFAS contamination, additional SWP water may need to be imported. The PFAS project would reduce reliance on imported water and reduce greenhouse gas emissions embedded in water importation. The current project cost estimate is \$5M, and the current grant request is \$500,000.
3. Construction of the Valencia Water Reclamation Plant Advanced Water Treatment Facility. This project constructs a high efficiency reverse osmosis system at the water reclamation plant to reduce chloride discharge to the Santa Clara River. Reducing chloride discharged into the Santa Clara River improves water quality and benefits downstream beneficial uses. Climate change and longer drought periods can allow for increases in salt concentration in local groundwater and imported water (which is then discharged to the water reclamation plant). This project will help reduce the increased salt loads from climate variability. The current project cost estimate is \$112M, and the current grant request is \$3M.
4. Construction of the Los Angeles County Hasley Canyon Park Stormwater Capture Project. This project will construct an infiltration basin under the playing fields at Hasley Canyon Park, allowing for up to 38 AFY of stormwater capture and groundwater recharge. By capturing and infiltrating urban runoff, including capture and disposal of trash and pollutants, the project will improve water quality. The project will also decrease stream discharge rates that can lead to streambank erosion in Castaic Creek. The current project cost estimate is \$5.1M, and the current grant request is \$1M.
5. The City of Santa Clarita/Santa Clara River Conservancy Mapping and Managing Invasive Weeds in the Santa Clara Watershed is a three phase project that a) processes remote sensing data to evaluate location and density of invasive plant species along with ground confirmation, b) assesses sites with invasive species to determine probability for successful invasive species removal and habitat restoration and c) implements removal, follow-up surveys and retreatment. Though this project is being spearheaded locally, the USCR IRWM is coordinating with downstream users and we expect the approach may be developed into a larger watershed approach in future years. Invasive plant species consume significant amounts of groundwater and can pose a fire risk. Invasive species removal allows more groundwater to remain in the system and reduces fire risk and associated fire related water quality issues. The current project cost estimate is \$860,000, and the current grant request is \$245,000.
6. Construction of the City of Santa Clarita Newhall Memorial Park Stormwater Retrofit Project. This project will construct an infiltration basin under the playing fields at Newhall

Memorial Park which will infiltrate up to 147 AFY of stormwater per year into the alluvial aquifer and reduce stormwater bacteria and nitrate discharges to the Santa Clara River. SCV Water is also in discussions with the City to use this facility for groundwater recharge with treated SWP water when excess capacity is available. The project will recharge the alluvial aquifer and can increase the resiliency of the SWP system. The current project cost estimate is \$21M, and the current grant request is \$3M.

Current Proposal Budget Summary

	Cost Share	Requested Grant Amount	Other Cost Share	Total Cost
SCV Water South End Phase 2C Recycled Water	\$ 7,876,000.00	\$ 3,000,000.00	\$ 4,876,000.00	\$ 15,752,000.00
SCV Water PFAS Treatment at N Wells	\$ 2,250,000.00	\$ 500,000.00	\$ 2,250,000.00	\$ 5,000,000.00
Santa Clarita Valley Sanitation District Valencia Water Reclamation Plan Advanced Water Treatment Facility	\$ 56,058,782.00	\$ 3,000,000.00	\$ 53,058,782.00	\$ 112,117,564.00
Los Angeles County Hasley Canyon Park Stormwater Capture	\$ 2,550,000.00	\$ 1,000,000.00	\$ 1,550,000.00	\$ 5,100,000.00
City of Santa Clarita/Santa Clara River Conservancy Mapping and Managing Invasive Weeds	\$ 105,000.00	\$ 245,000.00	\$ 507,568.00	\$ 857,568.00
City of Santa Clarita Newhall Memorial Park	\$ 10,590,500.00	\$ 3,000,000.00	\$ 7,450,500.00	\$ 21,041,000.00
Grant Administration	\$ -	\$ 500,000.00	\$ -	\$ 500,000.00
Proposed Total	\$ 79,430,282.00	\$ 11,245,000.00	\$ 69,692,850.00	\$ 160,368,132.00

FINANCIAL CONSIDERATIONS

1. Application Cost – Staff anticipated the need for consultant support and included \$90,000 in its FY 2019/20 and 2020/21 Budgets. Further, USCR IRWM member agencies that anticipate including projects in the forthcoming grant application have indicated willingness to share the cost of the consultant fees consistent with their number of projects in the application. The final details of the cost share are being developed and we anticipate reimbursement in FY 2019/20. This effort was described in a May 1, 2019 Committee Memorandum.
2. Estimate of SCV Water Project Costs Incurred if Grant Award Received
 - a. SCV Water estimates the Phase 2C project will cost \$15,752,000. It has included funds in its Biennial FY 2019/20 and FY 2020/21 Budget. Additional funding into FY 2023/24 will be required per the current project schedule. Project costs will be funded through a combination of existing and future customer’s contributions and a portion of the 1% property tax.

- b. SCV Water estimates the PFAS removal project will cost \$5M. Project costs will be funded with cash on hand/reserves.
 - c. SCV Water will be the grantee if the grant is awarded, and as such it would need to expend hours for overall grant administration (up to six projects). At this time the cost estimate for SCV Water and a consultant to administer the entire grant is \$500,000. The current grant request seeks \$500,000 for grant administration to cover these costs.
3. Sub Grantee Agreements with Other Project Sponsors – Other Project Sponsors in this grant application are the City of Santa Clarita, Los Angeles County, and the Santa Clarita Valley Sanitation District of Los Angeles County. Matching funds for the non SCV-Water projects will be provided by the Other Project Sponsors through a sub grantee agreement.

CONCLUSION

The USCR IRWM region anticipates the above described projects will be included in its December 2019 grant application. Some clarifications to the projects are being made. Each project provides benefits for regional self-reliance, groundwater sustainability, and helps with the region's adaptation to climate change. The current approach, if a grant award is received, would provide up to \$4M funding to SCV Water for it construct two projects and provide grant administration for the funding region. The projects in the application are strategically valuable to SCV Water, the member agencies of the USCR IRWM, and stakeholders.

RECOMMENDATION

That the Water Resources and Watershed Committee recommends that the Board of Directors adopt the attached resolution authorizing the General Manager to (1) submit a proposal to the California Department of Water Resources to obtain a Round 1 Integrated Regional Water Management Implementation Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014, (2) commit to providing the required matching funds for SCV Water Projects, (3) require the Other Project Sponsors to provide matching funds through a sub grantee agreement with the Santa Clarita Valley Water Agency, (4) enter into an agreement to receive a grant for the Upper Santa Clara River Integrated Regional Water Management Region, and (5) execute a grant agreement with the California Department of Water Resources.

RDV

Attachment

MGS

RESOLUTION NO. XXX

RESOLUTION OF THE BOARD OF DIRECTORS OF THE SANTA CLARITA VALLEY WATER AGENCY AUTHORIZING THE GENERAL MANAGER TO RECOMMEND ADOPTION OF A RESOLUTION AUTHORIZING THE GENERAL MANAGER TO (1) SUBMIT A PROPOSAL TO THE CALIFORNIA DEPARTMENT OF WATER RESOURCES TO OBTAIN A ROUND 1 INTEGRATED REGIONAL WATER MANAGEMENT IMPLEMENTATION GRANT PURSUANT TO THE WATER QUALITY, SUPPLY, AND INFRASTRUCTURE IMPROVEMENT ACT OF 2014, (2) COMMIT TO PROVIDING THE REQUIRED MATCHING FUNDS FOR SCV WATER PROJECTS, (3) REQUIRE THE OTHER PROJECT SPONSORS TO PROVIDE MATCHING FUNDS THROUGH A SUB GRANTEE AGREEMENT WITH THE SANTA CLARITA VALLEY WATER AGENCY, (4) ENTER INTO AN AGREEMENT TO RECEIVE A GRANT FOR THE UPPER SANTA CLARA RIVER INTEGRATED REGIONAL WATER MANAGEMENT REGION, AND (5) EXECUTE A GRANT AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES

WHEREAS, the City of Santa Clarita, the Los Angeles County Flood Control District, the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, the Santa Clarita Valley Sanitation District of Los Angeles County and the Santa Clarita Valley Water Agency have established a Regional Water Management Group in accordance with the Integrated Regional Water Management Planning Act of 2002; and

WHEREAS, the State of California provides grant funds for integrated regional water management pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; and

WHEREAS, this grant program is administered by the Department of Water Resources (DWR); and

WHEREAS, the DWR requires the grant applicant to designate, by resolution, an authorized representative for filing the grant application and executing the Grant Agreement; and

WHEREAS, the Santa Clarita Valley Water Agency is authorized by the Regional Water Management Group of the Upper Santa Clara River Watershed Integrated Regional Water Plan to prepare and apply for a grant on its behalf for a Round 1 Integrated Regional Water Management Implementation Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; and

WHEREAS, the stakeholders of the Upper Santa Clara River Integrated Regional Water Management Plan region have identified six projects to be included in an Implementation Grant; and

WHEREAS, the six projects provide benefit for regional self-reliance, groundwater sustainability, and help with the region's adaptation to climate change; and

WHEREAS, in addition to the Santa Clarita Valley Water Agency, the City of Santa Clarita, the Los Angeles County, and the Santa Clarita Valley Sanitation District of Los Angeles County all have projects in the suite of projects (Other Project Sponsors); and

WHEREAS, the grant requires the Santa Clarita Valley Water Agency commit to providing matching funds for its projects; and

WHEREAS, Santa Clarita Valley Water Agency will require that the Other Project Sponsors in this grant execute a sub grantee agreement with the Santa Clarita Valley Water Agency to provide matching funds for their projects.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors, the governing body of the Santa Clarita Valley Water Agency, authorizes the General Manager to:

- (1) Submit a proposal to the California Department of Water Resources to obtain a Round 1 Integrated Regional Water Management Implementation Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014,
- (2) Commit to providing the required matching funds for SCV Water projects,
- (3) Require the Other Project Sponsors to provide matching funds through a sub grantee agreement with the Santa Clarita Valley Water Agency,
- (4) Enter into an agreement to receive a grant for the Upper Santa Clara River Integrated Regional Water Management Region, and
- (5) Execute a grant agreement with the California Department of Water Resources



COMMITTEE MEMORANDUM

DATE: October 2, 2019

TO: Water Resources and Watershed Committee

FROM: Matthew S. Dickens, MPA 
Resource Conservation Manager

SUBJECT: Recommend Approval of a Resolution Authorizing the General Manager to Enter into a Contract with WaterWise Consulting, Inc.

SUMMARY

As part of its conservation program, the Santa Clarita Valley Water Agency (SCV Water, Agency) provides water efficiency check-ups to residential, commercial, and landscape customers. Additionally, in support of its various rebates (smart controllers, turf conversion, toilet conversion, drip installation), SCV Water conducts pre- and post-inspections to validate and confirm customer participation. Considering the technical experience required to adequately conduct the check-ups and projected high volumes of customer uptake, these services have been and continue to be provided to the Agency by an outside consultant. Since the Agency's launch, such services were funded by unique agreements premised on retail, regional, and salient program type (Valencia, Santa Clarita, Newhall, Regional; residential, commercial, etc.). As systems continue to merge and with uniform conservation engagement practices, staff are seeking to solicit conservation services under a single agreement.

DISCUSSION

To meet the Santa Clarita Valley's conservation goal of 20% water savings in gallons per capita day (GPCD) by 2020, as set forth in SBx7-7 and stated in the 2010 and 2015 Urban Water Management Plans, the retail water purveyors (retailers) and the Agency adopted the Santa Clarita Valley Water Use Efficiency Strategic Plan (Plan). Subsequent to adoption of the Plan, staff developed operational criteria for programs needed to meet the Plan's goals. In 2013, and subsequently updated in 2016, the Agency, in cooperation with the retailers, implemented several water conservation programs to accommodate customer specific needs and frontline assistance. Since the launch of SCV Water in 2018, conservation program support has been provided via independent agreements for specific services including residential, commercial, and landscape check-ups. These programs and supplemental services are essential to SCV Water's successful completion of the 20% by 2020 reduction requirements established in SBx7-7 and to the new conservation requirements prescribed in SB 606 and AB 1668; approved and signed into law in 2018 and expected to formally begin in 2023.

Professional services sought by the Agency include, but are not limited to, water efficiency check-ups for residential, commercial, and large landscape customers, rebate pre-/post-inspections, staff training, customer service (scheduling, customer inquiries, etc.), education, research, and analysis support. The Request for Proposal (RFP) for Conservation Professional Services was posted on PlanetBids on August 9, 2019 and closed on August 30, 2019. Additionally, the solicitation was posted in *The Signal* on August 22 and 23, 2019. However, only one proposal was submitted to the Agency.

Based on the single proposal submission, staff evaluated the scope of services and cost schedules, both current and historic, of regional water agencies which provide similar services to determine and ensure market appropriateness. The criteria used to evaluate proposal were:

- Scope of Services
- Cost Schedule
- Quality of Services
- Quality of Writing
- Reporting of the work to the Agency

Table 1. Cost Comparison (Proposal Submission and Regional Water Agencies)

Agency	Residential Check-Up	Residential Irrigation Inspection	Rebate Inspection	CII Check-Up (Large)	Irrigation Survey	Program Manager
SCV Water	\$175	\$150	\$75	\$1500	\$1,000	\$125/hr
City of Camarillo		\$125	\$75	-	-	\$125/hr
Cal American Water	\$175	-	-	\$2000	\$1,250	\$125/hr
LA County	\$210	-	-	\$2000	\$1,500	-
Irvine Ranch Water District	\$175	-	-	\$2000	\$1,500	-
Moulton Nigel Water District	-	\$150	-	-	\$1,000	\$125/hr

Note: For SCV Water, Residential Irrigation Checks also incorporates the 'Core Scope of Services' which provides leak detection, customer education, and water bill/water use history review.

Recommended Selection for Water Conservation Professional Services

WaterWise Consulting, Inc., provided a technical proposal that covered requirements and requests identified by SCV Water. Based on the submitted proposal and as supported in the cost comparison matrix, staff has determined that the prices stated by WaterWise Consulting, Inc., are reasonable and appropriate. Additionally, staff from the agencies contacted provided verbal and written feedback to the research team noting above satisfactory performance. Additionally, WaterWise Consulting, Inc., currently provides these services to SCV Water and the Agency has received positive feedback from customers participating in its programs. The proposal identifies new approaches to monthly and annual reporting which will improve the agencies performance monitoring efforts including participation and water savings calculations.

FINANCIAL CONSIDERATIONS

The proposed contract with WaterWise Consulting, Inc., would be covered under the Agency's Water Conservation Budget, which is funded by the wholesale water rate and retail rates. The following table summarizes the current estimated expenditures for each component as identified in the Agency's FY 2019/20 and FY 2020/21 Budget.

Table 2. Conservation Budget Components (Water Conservation Professional Services)

Budget Component	Residential	Commercial	Large Landscape	Totals	Percent
Regional	\$30,000	\$50,000	\$75,000	\$155,000	37.4%
Newhall	\$10,000	\$5,000	\$1,500	\$16,500	4.0%
Santa Clarita	\$90,000	\$20,000	\$7,500	\$117,500	28.4%
Valencia	\$75,000	\$25,000	\$25,000	\$125,000	30.2%
Totals	\$205,000	\$100,000	\$109,000	\$414,000	100%
Percent	49.5%	24.2%	26.3%	100%	-

Residential – The proposed annual total for Residential Programs is \$205,000. This includes inspection support for Regional turf conversion rebates and water check-ups for Newhall, Santa Clarita, and Valencia. Conservation staff anticipates ~ 1,500 residential check-ups will be conducted annually and is working to update the turf conversion program to increase participation.

Commercial – The proposed annual total for Commercial Programs is \$100,000. This includes Regional's school support programs and commercial check-ups for Newhall, Santa Clarita, and Valencia customers.

Large Landscape – The proposed annual total for Landscape Programs is \$109,000. This includes inspection support for Regional's turf conversion program and irrigation inspections for Newhall, Santa Clarita, and Valencia customers.

Based on the budgeted totals, staff recommends a not to exceed contract amount of \$414,000 annually. Additionally, the contract should be for a term of 1 year with 4 optional extension years.

RECOMMENDATION

Staff recommends the Water Resources and Watershed Committee recommend approval of the attached resolution authorizing the General Manager to enter into a contract with WaterWise Consulting, Inc.

Attachment

MBS

[This page intentionally left blank.]

RESOLUTION NO.

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY ADOPTING A RESOLUTION
AUTHORIZING THE GENERAL MANAGER TO ENTER INTO AN AGREEMENT WITH
WATERWISE CONSULTING, INC., TO PROVIDE WATER CONSERVATION
PROFESSIONAL SERVICES**

WHEREAS, on January 1, 2018, the Santa Clarita Valley Water Agency (SCV Water) was formed and established by the California State Legislature for the principal purpose of providing water service for use within and adjacent to the Santa Clarita Valley; and

WHEREAS, the mission of the SCV Water is to provide reliable, quality water at a reasonable cost to the Santa Clarita Valley; and

WHEREAS, SCV Water's water supply comes from both the California State Water Project and local groundwater aquifers; and

WHEREAS, our statewide, regional, and local water systems face challenges on numerous fronts, including further regulatory actions to protect species, climate change, and frequent dry conditions that will affect the future reliability of our water supplies; and

WHEREAS, in November 2009, the Water Conservation Act of 2009 (Senate Bill X7-7) was enabled by the State of California and calls for all water suppliers to improve their water use efficiency by reducing their gallons per capita by day by 20% by 2020; and

WHEREAS, in June 2015, the Santa Clarita Valley Water Use Efficiency Strategic Plan was finalized; and

WHEREAS, in May 2018, Senate Bill 606 and Assembly Bill 1668 were signed into law which impose a new, long-term water conservation framework for urban water suppliers beginning in 2023; and

WHEREAS, in 2018, the Governor of California updated the California Water Plan which calls for specific actions, investments, and strategies to improve water resource management, and

WHEREAS, a proposal to implement programs under the Santa Clarita Valley Water Use Efficiency Strategic Plan were received on August 30, 2019; and

WHEREAS, staff recommends entering into a contract with WaterWise Consulting, Inc., for Water Conservation Professional Services.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Santa Clarita Valley Water Agency directs the General Manager to enter into an agreement, in a form acceptable to the General Counsel, with WaterWise Consulting, Inc., for an amount not to exceed \$414,000 and for a term of one year with the option of four one-year renewals, for the implementation of Water Conservation Professional Services.

[This page intentionally left blank.]



COMMITTEE MEMORANDUM

DATE: October 2, 2019

TO: Water Resources and Watershed Committee

FROM: Matthew S. Dickens, MPA *MSD*
Resource Conservation Manager

SUBJECT: Update on Conservation Activities and Performance

SUMMARY AND DISCUSSION

General Conservation Program Updates

RFP for Conservation Professional Services – See ‘Recommendation to Authorize General Manager to Enter into Contract with WaterWise Consulting, Inc.

Status of Special Projects

Water Loss Audit and Validation Reports - In 2015, the California State Legislature adopted SB 555 which requires urban water suppliers to conduct an annual audit and validation of its water losses beginning in 2017. In compliance with this requirement, SCV Water conducted its second water loss audit and validation assessment and submitted completed and validated reports to the Department of Water Resources (DWR) prior to the October 1, 2019 deadline. Findings are listed in the tables below and on the following page.

Table 1. Retail Water System Findings

Division	Newhall			Santa Clarita			Valencia		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Year	FY	FY	FY	FY	FY	FY	CY	CY	FY
Data Validity Score	65	58	54	68	64	64	65	58	65
Industry Leakage Index (ILI)	1.42	1.88	1.32	2.39	1.37	2.92	.43	1.78	1.99
Real Loss (Gal./Conn./Day)	33.48	44.4	30.84	48.53	29.31	65	9.78	37.17	43.84
Apparent Loss (Gal./Conn./Day)	13.49	24.29	21.42	15.79	17.62	16.3	6.7	6.58	7.3
NRW % of Operating System	2.5%	4.4%	4.6%	6.9%	4.4%	4.9%	1.5%	4.9%	2.5%

Notes:

1. Data Validity Score – Ranges from 1-100 and is based on confidence of data inputs used in the Water Loss Audit model.
2. Industry Leakage Index – The ratio of Real Losses to Unavoidable Annual Real Losses (theoretical reference value of technical low limit of leakage).
3. Real Loss – Physical water losses from pressurized system (water mains and service connections) and the utility's storage tanks, up to the point of customer consumption.
4. Apparent Losses – Unauthorized consumption + customer metering inaccuracies + system data handling errors.

5. Non-Revenue Water Percent of Operating Water System – The modeled cost of water loss relative to the total annual cost of operating the system.

Table 2. Import Water System Findings

Division	Regional		
	2017	2018	2019
Year	FY	FY	FY
Data Validity Score	58	47	47
Industry Leakage Index (ILI)			
Real Loss (Gal./Conn./Day)	15,586*	10,494*	5,430*
Apparent Loss (Gal./Conn./Day)			
NRW % of Operating System	0.2%	0%	1.4%

*Gallons/Mile-Main/Day

Notes:

1. Data Validity Score – Ranges from 1-100 and is based on confidence of data inputs used in the Water Loss Audit model.
2. Industry Leakage Index – ILI is not applicable to wholesale water systems.
3. Real Loss – Physical water losses from pressurized system (water mains and service connections) and the utility's storage tanks, up to the point of customer consumption.
4. Apparent Losses – Not applicable to wholesale water systems.
5. Non-Revenue Water Percent of Operating Water System – The modeled cost of water loss relative to the total annual cost of operating the system.

Conservatory Garden – No current update.

Pocket Park Pilot Projects – In September 2019, staff met with local landscape designers and representatives from the City of Santa Clarita and Library locations to launch the collaborative design process. As the Memorandum of Understanding finalizes, staff is working with the designers to procure services and develop a comprehensive scope of work. Staff anticipates designs will be completed in October/November 2019.

Recycled Water Customer Engagement – Conservation staff, in collaboration with Engineering, have been coordinating customer engagement and outreach pertaining to Phase 2B and 2D recycled water projects. To date, staff have met with multiple Phase 2B customers and have completed a project management overview and process flow based on the Recycled Water Urban Irrigation User Manual. Staff have reached out to the remaining customers impacted by the recycled water expansion projects and will be holding introductory information gathering meetings with representatives from the City of Santa Clarita, L.A. County Public Water Works, the William S. Hart, Newhall and Sulphur Springs School Districts, and homeowners' associations. Engagement with these customers will continue for the duration of the construction and eventual connection processes.

SCV Water Sustainability Initiative – In September 2019, the Green Team conducted its first meeting to review current sustainability initiatives identified in the strategic plan, activities already in practice, and to advise the USC Capstone team's 'Research Prospectus'. The Green Team consists of representatives from across the organization and are expected to meet monthly. The USC collaborative will conclude in December 2019 and the Green Team will evaluate and synthesize findings into recommendations for the agency going forward.



MGS

[This page intentionally left blank.]

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

ITEM NO.
6

FY 2019/20

Item	Jul 2 Board	Jul 10 Comm	Aug 6 Board	Aug 14 Comm	Aug 20 Board	Sep 3 Board	Sep 11 Comm	Oct 1 Board	Oct 9 Comm	Oct 15 Board	Nov 5 Board	Nov 13 Comm	Dec 3 Board <i>To Be Cancelled</i>	Dec 11 Comm	Dec 17 Board	Jan 7 Board	Jan 8 Comm	Feb 4 Board	Feb 12 Comm	Mar 3 Board	Mar 11 Comm	Apr 7 Board	Apr 8 Comm	May 5 Board <i>To Be Cancelled</i>	May 13 Comm	Jun 2 Board	Jun 10 Comm
1 Update on Conservation Activities & Performance		C		C			C		P			P		P			P		P		P		P				
2 Update on Conservatory Garden & Pocket Park Pilot Projects		C				C																					
3 Update on Conservation Strategies																											
4 Update on Recycled Water New Drop Program							C																				
5 Devil's Den Semi-Annual Report		C															P										
6 Status of Water Supply and Water Banking Programs		C					C														P						
7 Status of Sustainable Groundwater Management Act Implementation				C								P							P						P		
8 Status of Recycled Water Program																											
9 Status of Sites Reservoir Project																											
10 Status of Efforts Relating to Groundwater Spreading Pilot Program																											
11 Status of Water Supplies														P					P								
12 Update on Integrated Regional Water Management Plan Activities		C																									
13 Status of Integrated Regional Water Management Plan Update														P													
14 Status of Upper Santa Clara River Salt and Nutrient Management Plan		C												P													
15 Status of Rosedale Rio-Bravo Water Storage District Banking and Exchange Program Extraction Facilities		C																									
16 Status of Devil's Den Solar Generation Facilities																	P										
17 Recommend Approval of a Resolution of Application by SCVWA Requesting Los Angeles LAFCO Initiate Proceedings For Annexation of Tesoro Del Valle, Making Responsible Agency Findings Pursuant to CEQA and Approving the Project in SCVWA's Limited Role as Responsible Agency		C	C																								
18 CLOSED SESSION: Water Transfer/Exchange				C	C	C																					
19 Approve a Resolution Authorizing the General Manager to Enter into a Funding Agreement with DWR for Preliminary Planning and Design Costs Related to a Potential New Delta Conveyance Option					C																						

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

**ITEM NO.
6**

FY 2019/20

	Item	Jul 2 Board	Jul 10 Comm	Aug 6 Board	Aug 14 Comm	Aug 20 Board	Sep 3 Board	Sep 11 Comm	Oct 1 Board	Oct 9 Comm	Oct 15 Board	Nov 5 Board	Nov 13 Comm	Dec 3 Board <i>To Be Cancelled</i>	Dec 11 Comm	Dec 17 Board	Jan 7 Board	Jan 8 Comm	Feb 4 Board	Feb 12 Comm	Mar 3 Board	Mar 11 Comm	Apr 7 Board	Apr 8 Comm	May 5 Board <i>To Be Cancelled</i>	May 13 Comm	Jun 2 Board	Jun 10 Comm	
20	Recommend Approval of a Resolution Authorizing the General Manager to Execute an Agreement for SCV Water's Participation in Sites Reservoir Planning Costs														P		P												
21	Recommend Approval of Resolution Adopting CEQA Findings for State Water Project Water Management Tools and Authorizing the General Manager to Execute a Contract Amendment for the State Water Project Water Management Tools														P		P												
22	Review of Watershed Recharge Feasibility Study							C					P			P													
23	Recommend Authorizing the General Manager to Execute an Agreement in Principle (AIP) to Amend the State Water Project Contract for a Delta Conveyance Option														P		P												
24	Recommend Approval of a Resolution Authorizing the General Manager to (1) Apply for a Round 3 Sustainable Groundwater Management Program Grant on Behalf of the Santa Clarita Valley Groundwater Sustainability Agency, Identifying SCV Water as the Agency Responsible for the Local Cost Share and (2) Execute an Agreement with the State of California for a 2019 Sustainable Groundwater Management Planning Grant				C		C																						
25	Recommend Adoption of a Resolution Authorizing the General Manager to Submit an Application for a Round 1 Integrated Regional Water Management Implementation Grant and Execute a Grant Agreement with the California Department of Water Resources									P		P																	
26	Recommend Approval of a Resolution Authorizing the General Manager to Enter Into a Contract with WaterWise Consulting, Inc.									P	P																		
27	Recommend Approval of a Resolution of Application by SCVWA Requesting Los Angeles LAFCO Initiate Proceedings For Annexation of the area formerly served by Valencia Water Company Outside the SCVWA Service Area Boundary												P			P													

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