



SANTA CLARA VALLEY WATER DISTRICT

NON-AGENDA

July 17, 2020

Board Policy EL-7 Communication and Support to the Board
The BAOs shall inform and support the Board in its work.

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4	Weeks of July 3 – July 16, 2020
	<u>BOARD MEMBER REQUESTS & INFORMATIONAL ITEMS</u>
10	BMR/IBMR Weekly Reports: 07/16/20
11	Memo from Ngoc Nguyen, DOO, Watersheds, to Rick Callender, CEO, dated 7/6/20, regarding Report of Properties Acquired under Executive Limitation 6.7.1.
18	Memo from Tina Yoke, COO, Information, Technology and Administrative Services, to the Board of Directors, dated 7/17/20, regarding Local Hazard Mitigation Program Annual Progress Report.
	<u>INCOMING BOARD CORRESPONDENCE</u>
42	Board Correspondence Weekly Report: 07/16/20
44	Email from Cynthia Jones, to the Board of Directors and City Leaders, dated 7/9/20, regarding Keeping Neighborhoods Clean and Safe (C-20-0101).
58	Email from Kimberlee Stephens, to the Board of Directors and Community Leaders, dated 7/12/20, regarding Safety of Coyote Creek (C-20-0102).
59	Email from Anne Loera, to the Board of Directors and Community Leaders, dated 7/11/20, regarding Olinder Homeless Crisis (C-20-0103).
60	Email from Elizabeth Schroeder, to the Board of Directors and Community Leaders, dated 7/13/20, regarding Safety of District 3 at Naglee Park (C-20-0104).
61	Email from Prakash Arunkundrum, to the Board of Directors and Community Leaders, dated 7/13/20, regarding Downtown San Jose Selma Olinder Area (C-20-0105).
62	Email from Suzanne Morrone, to the Board of Directors and Community Leaders, dated 7/14/20, regarding Increasing Problem with Pollution and Encampments (C-20-0106).
63	Email from Carrie Doolittle, to the Board of Directors and Community Leaders, dated 7/15/20, regarding Fire Danger along Coyote Creek at Watson Park (C-20-0107).
65	Email from Kathy Richmond, to the Board of Directors and Community Leaders, dated 7/15/20, regarding Coyote Creek & William Street Park Pollution & Safety (C-20-0108).

		<u>OUTGOING BOARD CORRESPONDENCE</u>
67		Email from Director Keegan, to Ryan Bohlin, dated 7/9/20, regarding Guadalupe Trail (C-20-0096).
69		Email from Director Keegan, to Don Lieberman, dated 7/13/20, regarding Coyote Creek Flood Control (C-20-0093).

Board correspondence has been removed from the online posting of the Non-Agenda to protect personal contact information. Lengthy reports/attachments may also be removed due to file size limitations. Copies of board correspondence and/or reports/attachments are available by submitting a public records request to publicrecords@valleywater.org.

CEO BULLETIN

CEO BULLETIN



To: Board of Directors
From: Rick L. Callender, CEO

Weeks of July 3 – July 16, 2020

Board Executive Limitation Policy EL-7:

The Board Appointed Officers shall inform and support the Board in its work. Further, a BAO shall 1) inform the Board of relevant trends, anticipated adverse media coverage, or material external and internal changes, particularly changes in the assumptions upon which any Board policy has previously been established and 2) report in a timely manner an actual or anticipated noncompliance with any policy of the Board.

Item	IN THIS ISSUE
<u>1</u>	Delta Conveyance Project Update
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<u>8</u>	Valley Water's Signage Scavenger Hunt Launches on July 16, 2020
<u>9</u>	<u>Kremen</u> Prepare a water rate letter similar to the one sent by CFO Darin Taylor, to be sent to the Cities and Councils within his District. I-20-0012

1. Delta Conveyance Project Update

Last week, the Department of Water Resources (DWR) published several new documents as a part of the Environmental Planning process on the proposed Delta Conveyance Project. Documents on Delta Conveyance Project Environmental Planning are available at:

<https://water.ca.gov/Programs/State-Water-Project/Delta-Conveyance/Environmental-Planning>.

DWR published the Scoping Summary Report, which outlines the environmental review process that DWR is undertaking on the Delta Conveyance Project and summarizes the comments received during the public scoping period. DWR will use these comments to inform their preparation of the Environmental Impact Report and what project alternatives and environmental impacts to study further. Valley Water submitted a comment letter during this scoping period and is currently reviewing the Scoping Summary Report and other comments submitted.

In compliance with the California Environmental Quality Act, DWR adopted a Final Initial Study/Mitigated Negative Declaration approving soil collection in the Delta. These soil surveys will allow a better understanding of the region's geology in order to evaluate activities such as the Delta Conveyance Project. As a part of this effort, a Mitigation Monitoring and Reporting Plan was also adopted. The investigations are set to begin Fall 2020.

Lastly, the U.S. Army Corps of Engineers informed DWR of their intent to prepare an Environmental Impact Statement under the National Environmental Policy Act on the Delta Conveyance Project. An official Notice of Intent is forthcoming.

For further information, please contact Jerry De La Piedra at (408) 630-2257.

2. Fiscal Year 2021-2025 Capital Improvement Program

The Fiscal Year (FY) 2021-2025 Five-Year Capital Improvement Program (CIP) is a projection of Valley Water's capital funding for planned capital projects from FY 2020-21 through FY 2024-25. The purpose of the CIP is to document planned Valley Water work with the larger community by aligning Valley Water planning with other local agency planning efforts. The five-year rolling CIP is developed in alignment with the annual budget process.

The Draft CIP was presented to the Board February 25, 2020 Board Meeting, the Final FY2021-25 Five-Year Capital Improvement Program was approved for release on June 30, 2020 and is included in the July 10, 2020 Board Non-Agenda Packet.

For further information, please contact Melanie Richardson at (408) 630-2035.

3. Information Technology Update

The Information Technology (IT) Division has been working diligently to support the transition from working with technology in an office setting to working with technology in an offsite setting for Valley Water employees. We have worked to find a way to deploy computer hardware and technology in a fast and efficient manner so that Valley Water staff can work offsite with the least amount of technical issues.

During the county's shelter in place order, IT deployed various types of laptops, tablets, cell phones, wireless hot spots, and end point protections. IT integrated the use of DocuSign and Zoom to use districtwide as tools to use while complying with social distancing and to allow the least amount of workflow complications. Valley Water has embraced the use of Zoom and in just in the month of June 2020, created 1,676 meetings, using 578,205 minutes. IT also continues to provide end user support and within the month of June 2020, closed over 900 service requests and completed the modernization of our Anti-Virus and Anti-Malware platforms with an almost entirely remote workforce.

Since March 16, 2020 to date, IT has deployed the following hardware, software and tools to Valley Water employees. We will continue to strive to provide the best IT support to all divisions.

Type of Product	Quantity
Laptops:	315
Tablets:	100
Cell Phones:	117
Hot Spots:	17
Zoom Meetings Created:	5,450
Zoom Meeting Minutes:	2,107,838
Zoom Usage Participants:	48,700
DocuSign Licenses Issued:	113
TIS (Technical Infrastructure Services) IT Help Tickets Closed:	3,225
SS (Software Services) IT Help Tickets Closed:	241
End Point Protection for Computers Installed with Sophos:	1,530
End Point Protection for Computers Installed with Cortex:	1,398

For further information, please contact Mike Cook at (408) 630-2424.

4. Pollution Prevention Hotline Fiscal Year 2020 Review

In the mid-1990s Valley Water established a Pollution Prevention Hotline to allow the public, other local agencies, and Valley Water staff to report discharges, or illegal dumping, either directly into waterways, or that threaten waterways within Santa Clara County. In the early 2000s, the Pollution Prevention Hotline was incorporated under the Clean, Safe Creeks Program, and subsequently carried over to the current Safe, Clean Water and Natural Flood Protection Program, within Project B5 – Hazardous Material Management and Response. This project allows Valley Water to continue providing the Pollution Prevention Hotline number to report hazardous materials spills 24 hours a day, 7 days a week. For incidents that are determined to be outside of Valley Water's jurisdiction, the appropriate agencies are alerted.

During FY2020, a total of 85 calls were received on the Pollution Prevention Hotline. 41 calls came in from the general public, 29 calls were from Valley Water staff, and 15 calls originated from other local agencies. 47 of the reported incidents fell within Valley Water's jurisdiction, i.e., within fee title or easement. 31 of the incidents resulted in the creation of Access Valley Water cases to resolve dumped trash, encampment debris, and graffiti issues. Five incidents occurred at Valley Water reservoirs or waterways whereby a vehicle or watercraft was extracted from the waterbody.

For further information, please contact Tina Yoke at (408) 630-2385.

5. Rinconada Water Treatment Plant Reliability Improvement Project Safety Update

Valley Water is working closely with Rinconada Water Treatment Plant Reliability Improvement Project contractors and consultants to ensure that the required protective measures, as prescribed by the California Division of Occupational, Safety and Health, Cal/OSHA, are deployed for control of hazardous energy associated with the installation of new machinery and equipment. One of the requirements is to draft machine/equipment specific energy isolation procedures to safely isolate hazardous energy during servicing and maintenance work. The energy control procedures identify the type and magnitude of the hazardous energy, and the means and methods that will be used to protect employees during servicing or maintenance operations.

Valley Water began by having project consultants create a list of all applicable machines and equipment installed during phases 1 & 2 of the project. Once the list was created, Valley Water

began site visits to inspect and analyze each machine and piece of equipment identified to document requirements needed to create the procedures. The contractor supported Valley Water by attending the site walks and identifying all energy isolation points for the machines and equipment. For ease of understanding, the procedures include photographic images of energy isolation points, lists the type and magnitude of the energy source, and provides steps for safely performing the shut-down, isolation, and verification of zero energy state. Valley Water has already completed some procedures and will continue to create the remaining procedures for the identified machines and equipment. All required energy isolation procedures, associated with these phases, are targeted for completion by the end of the commissioning phase, which is expected to be in the September-October 2020 time frame.

For further information, please contact Tina Yoke at (408) 630-2385.

6. Sources of Greenhouse Gas Emissions

This informational item is to provide further clarification and additional information on the sources of Greenhouse Gas (GHG) emissions discussed at the June 9, 2020 Valley Water Board meeting, regarding progress towards carbon neutrality by 2020.

The GHG emission reduction framework, originally presented to the Board on March 26, 2013, accounts for direct emissions from fuel uses from fleet, generators and refrigerants; indirect emissions from the purchase of electricity and natural gas from both Pacific Gas & Electricity and the Power and Water Resources Pooling Authority. Other indirect emissions include emissions related to conveying water from the State Water Project to Santa Clara County and emissions related to employee commutes and business travel.

The Year 2020 estimates presented to the Board did not reflect lower emissions related to reduced fuel or natural gas uses from the fleet, reduced employee commutes or business travels due to Valley Water's response to the Santa Clara County's shelter-in-place order initiated on March 16, 2020. Valley Water will update the Board on the actual Year 2020 emissions when that data becomes available.

For further information, please contact Bhavani Yerrapotu at (408) 630-2735.

7. Valley Water partners with City of San José Public Library (Bascom Branch) to Offer a Virtual Water Conservation Workshop

Valley Water provides year-round educational workshops and trainings to further water conservation awareness and program participation in Santa Clara County. On July 9, 2020, in partnership with the City of San José Public Library (Bascom Branch Library), Valley Water hosted its first virtual water conservation workshop, "Water Conservation in the Vegetable Garden with Valley Water!".

This workshop served as a primer on water conservation in the vegetable garden, connecting Santa Clara County residents with education and rebate information on efficient irrigation equipment, rainwater capture, and graywater use to safely get more out of their gardens with less water. Valley Water collaborated with San José Public Library to promote this event.

The workshop was recorded and will be available online at www.valleywater.org by August 1, 2020.

For further information, please contact Jerry De La Piedra at (408) 630-2257.

8. Valley Water's Signage Scavenger Hunt Launches on July 16, 2020

On July 16, 2020, Valley Water will launch the "Great Sign Hunt 2020" campaign, a 3-month outdoor scavenger hunt in partnership with the Silicon Valley Bicycle Coalition (SVBC), to inventory the location and condition of Valley Water signs. The scavenger hunt will encourage SVBC members and Santa Clara County residents to get outdoors and discover Valley Water signs throughout the county, with the goal of inventorying 18,000 signs. Biking and walking outdoors for exercise is allowed as an outdoor recreational activity under the current public health orders, and participants are encouraged to stay safe and follow all public health orders including social distancing and wearing a mask. The scavenger hunt is expected to run through October 15, 2020 with the duration dependent on public health orders related to the COVID-19 pandemic.

A majority of Valley Water areas that are managed by Santa Clara County Parks have reopened with updated COVID-19 signage and County parks have reported a significant increase in usership. The campaign includes expanded outreach by Valley Water and SVBC which includes e-blasts to stakeholders, targeted multilingual outreach, a promotional video and social media posts throughout the 3-month campaign.

To participate in the scavenger hunt, individuals must register for the event from the website below, sign a waiver and download the Survey123 app where they can capture and submit the photo and condition of the sign. The app will automatically record the location of the sign. There is also a real-time GIS map to track individual progress as well as grand prizes and monthly prizes to keep participants motivated.

A two-week pilot scavenger hunt was completed last Fall 2019 and participants recorded 1,521 signs. Feedback from the pilot and an expanded outreach plan was incorporated to the implementation and outreach of this 3-month scavenger hunt. Valley Water will evaluate the information collected and the data will be used for signage tracking and replacement prioritization efforts.

For more information on the Great Sign Hunt 2020, including how to register, prize information and eligibility, please visit the event page on SVBC's website: <https://bikesiliconvalley.org/valley-water-great-sign-hunt-2020/>

For further information, please contact Marta Lugo at (408) 646-7441.

9. Kremen

**Prepare a water rate letter similar to the one sent by CFO Darin Taylor, to be sent to the Cities and Councils within his District.
I-20-0012**

On June 24, 2020, Valley Water prepared and sent letters to the Mayors and Councilmembers within the Board's seven districts to announce the Board's decision not to raise water rates.

For further information, please contact Rachael Gibson at (408) 781-4739.

BOARD MEMBER REQUESTS and Informational Items

Report Name: Board Member Requests

Request	Request Date	Director	BAO/Chief	Staff	Description	20 Days Due Date	Expected Completion Date	Disposition
I-20-0013	07/14/20	Varela	Callender	Taylor Narayanan	Director Varela requests that staff contact Mr. Bergin in the below email (via email) to explain the District's portion of his tax bill, attached.	08/03/20		



MEMORANDUM

FC 14 (08-21-19)

TO: Rick L. Callender

FROM: Ngoc Nguyen

SUBJECT: Report of Properties Acquired Under
Executive Limitation 6.7.1


DATE: July 6, 2020

In accordance with the Executive Limitation (EL) 6.7.1 the attached spreadsheet includes:

1. A report of properties to be acquired under EL 6.7.1.
2. A report on the number of parcels that have been signed off by the CEO and acquired during the quarter of April 1 through June 30, 2020 including respective statutory offers of just compensation and final negotiated values (EL 6.7.1.3).

If you have questions or need additional information, please contact Eli Serrano at (408) 630-3109.

DocuSigned by:


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Ngoc Nguyen
Deputy Operating Officer
Watersheds Design and Construction

cc: E. Serrano, B. Magleby, C. Herrera

es:rc

Attachments

REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
1016-85	HALE CREEK	189-28-011	EASEMENT IN
1016-86	HALE CREEK	189-28-012	EASEMENT IN
1016-87	HALE CREEK	189-28-013	EASEMENT IN
1016-88	HALE CREEK	189-26-054	EASEMENT IN
1016-89	HALE CREEK	189-26-049	EASEMENT IN
1016-90	HALE CREEK	189-28-045	EASEMENT IN
1016-91	HALE CREEK	189-28-047	EASEMENT IN
1016-92	HALE CREEK	189-26-060, 189-26-064	TEMPORARY STAGING EASEMENT TEMPORARY INGRESS/EGRESS EASEMENT
1016-93	HALE CREEK	189-26-060, 189-26-064	TEMPORARY EASEMENT
1028-179	SAN FRANCISQUITO CREEK	003-07-053	TBD
1028-180	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1028-181	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1028-182	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1028-183	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1028-184	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1028-185	SAN FRANCISQUITO CREEK	ON ROAD	TBD
1029-175	STEVENS CREEK	161-02-005, 16102012 & 16102015	TBD
2010-225	CALABAZAS CREEK	104-28-069	FEE IN
2021-152	SARATOGA CREEK	386-21-042	TBD
2026-55	SUNNYVALE EAST OUTFALL	110-39-002	TCE IN
2027-16	SUNNYVALE WEST OUTFALL	110-07-022, 165-44-007, 165-44-008	TCE IN
2044-1	SOUTH BAY SALT PONDS	015-32-042, 015-32-043	FEE IN
2044-5	SOUTH BAY SALT PONDS	015-25-028, 015-25-026, 015-26-022, 015-30-043	FLOOD PROTECTION LEVEE LEASE AREA
2044-9	SOUTH BAY SALT PONDS	015-33-054	FLOOD PROTECTION LEVEE LEASE AREA
2044-15	SOUTH BAY SALT PONDS	015-25-023	TEMPORARY WORK AREA EASEMENT
2044-16	SOUTH BAY SALT PONDS	015-25-023, 015-33-033	TEMPORARY WORK AREA EASEMENT
2044-17	SOUTH BAY SALT PONDS	APN # is being determined	TEMPORARY WORK AREA EASEMENT

NOTE:
TCE = Temporary Construction Easement

REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
2044-18	SOUTH BAY SALT PONDS	015-32-026, 015-32-027, 015-32-029, 015-32-030	FLOOD PROTECTION LEVEE LEASE AREA
2044-21	SOUTH BAY SALT PONDS	015-38-005	IN PROGRESS
2044-22	SOUTH BAY SALT PONDS	015-31-051	INGRESS AND EGRESS EASEMENT
2044-23	SOUTH BAY SALT PONDS	015-38-005	INGRESS AND EGRESS EASEMENT
2044-24	SOUTH BAY SALT PONDS	015-32-020	FLOOD PROTECTION LEVEE LEASE AREA
2044-25	SOUTH BAY SALT PONDS	01529-004, 015-32-020	TEMPORARY WORK AREA EASEMENT
3015-600	GUADALUPE RIVER	264-48-000	EASEMENT IN
3015-601	GUADALUPE RIVER	264-48-006	EASEMENT IN
3015-602	GUADALUPE RIVER	264-48-126	EASEMENT IN
3015-603	GUADALUPE RIVER	264-48-094	EASEMENT IN
3015-604	GUADALUPE RIVER	264-48-010, 264-48-084, 264-48-103	EASEMENT IN
3015-605	GUADALUPE RIVER	264-48-000	EASEMENT IN
3015-606	GUADALUPE RIVER	264-48-000 (Willow Street)	EASEMENT IN
3015-624	GUADALUPE RIVER	434-28-003	EASEMENT IN
3015-635	GUADALUPE RIVER	434-29-020	EASEMENT IN
3015-636	GUADALUPE RIVER	434-29-019	EASEMENT IN
3015-641	GUADALUPE RIVER	434-29-000 (Pine Avenue)	EASEMENT IN
3015-645	GUADALUPE RIVER	439-25-032	EASEMENT IN
3015-646	GUADALUPE RIVER	439-25-031	EASEMENT IN
3015-647	GUADALUPE RIVER	43925030	EASEMENT IN
3015-648	GUADALUPE RIVER	439-25-029	EASEMENT IN
3015-649	GUADALUPE RIVER	439-25-028	EASEMENT IN
3015-650	GUADALUPE RIVER	439-25-027	EASEMENT IN
3015-651	GUADALUPE RIVER	439-25-026	EASEMENT IN
3015-653	GUADALUPE RIVER	439-25-024	EASEMENT IN
3015-654	GUADALUPE RIVER	439-25-023	EASEMENT IN
3015-655	GUADALUPE RIVER	439-25-022	EASEMENT IN

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REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
3015-657	GUADALUPE RIVER	439-25-020	EASEMENT IN
3015-658	GUADALUPE RIVER	439-25-019	EASEMENT IN
3015-659	GUADALUPE RIVER	439-25-018	EASEMENT IN
3015-660	GUADALUPE RIVER	439-25-017	EASEMENT IN
3015-661	GUADALUPE RIVER	439-25-016	EASEMENT IN
3015-662	GUADALUPE RIVER	439-25-015	EASEMENT IN
3015-663	GUADALUPE RIVER	439-25-014	EASEMENT IN
3015-664	GUADALUPE RIVER	439-25-013	EASEMENT IN
3015-665	GUADALUPE RIVER	439-25-012	EASEMENT IN
3015-666	GUADALUPE RIVER	439-25-011	EASEMENT IN
3015-674	GUADALUPE RIVER	264-48-104	EASEMENT IN
3015-675	GUADALUPE RIVER	264-48-108	EASEMENT IN
3015-677	GUADALUPE RIVER	439-25-001	FEE IN
3015-684	GUADALUPE RIVER	015-45-013	EASEMENT IN
3020-175	LOS GATOS CREEK	ON ROAD	TBD
4017-61	BERRYESSA CREEK	022-31-017	EASEMENT IN
4017-65	BERRYESSA CREEK	022-31-017	EASEMENT IN
4017-97	BERRYESSA CREEK	086-32-021, 863-2-028	EASEMENT IN
4018-26	CALERA CREEK	022-02-014	EASEMENT IN
4018-31	CALERA CREEK	026-18-003	EASEMENT IN
4018-32	CALERA CREEK	026-18-003	EASEMENT IN
4021-277	COYOTE CREEK	237-05-057 & 237-05-058	FEE IN
4026-483	LOWER SILVER CREEK	670-29-002, 670-29-017	TBD
4032-67	UPPER PENITENCIA CREEK	LAND EXCHANGES FOR THE BART'S EXTENSION PROJECT	TBD
4032-68	UPPER PENITENCIA CREEK	254-17-099	EASEMENT IN
4032-69	UPPER PENITENCIA CREEK	254-14-119	EASEMENT IN
4032-71	UPPER PENITENCIA CREEK	254-87-020	EASEMENT IN
4032-72	UPPER PENITENCIA CREEK	254-17-061	TBD

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REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
4033-54	LOWER PENITENCIA CREEK	22-30-041	EASEMENT IN
4033-57	LOWER PENITENCIA CREEK	086-33-104	TBD
4033-58	LOWER PENITENCIA CREEK	022-37-002	EASEMENT IN
4033-60	LOWER PENITENCIA CREEK	022-30-042	EASEMENT IN
4033-61	LOWER PENITENCIA CREEK	ON ROAD	TBD
4033-62	LOWER PENITENCIA CREEK	22-30-041	EASEMENT IN
4033-63	LOWER PENITENCIA CREEK	APN # is being determined	TBD
4049-11	PENITENCIA EAST CHANNEL	086-37-018	TBD
4049-12	PENITENCIA EAST CHANNEL	086-37-018	TBD
4049-13	PENITENCIA EAST CHANNEL	086-36-023	EASEMENT IN
5012-211	WEST LITTLE LLAGAS CREEK	HALE AVENUE	EASEMENT IN
5012-212	WEST LITTLE LLAGAS CREEK	ON RROAD	EASEMENT IN
5012-218	WEST LITTLE LLAGAS CREEK	764-16-028	TBD
5013-8	MADRONE CHANNEL	TO BE DETERMINED	TO BE DETERMINED
5018-98	UVAS CARNADERO CREEK	841-31-010	TCE IN
5018-99	UVAS CARNADERO CREEK	841-32-015	TCE IN
9109-79	GILROY WATER RECLAMATION FACILITY	841-29-033, 841-30-004, 841-30-011	EASEMENT IN
9109-87	GILROY WATER RECLAMATION FACILITY	841-17-084	TBD
9109-88	GILROY WATER RECLAMATION FACILITY	841-17-122	TBD
9109-89	GILROY WATER RECLAMATION FACILITY	841-17-121	TBD
9109-90	GILROY WATER RECLAMATION FACILITY	841-17-086	TBD
9109-91	GILROY WATER RECLAMATION FACILITY	808-20-024	TBD
9186-34	ANDERSON DAM/RESERVOIR	728-34-011	EASEMENT IN
9186-35	ANDERSON DAM/RESERVOIR	728-34-020	TBD
9186-36	ANDERSON DAM/RESERVOIR	728-34-010	TCE IN
9189-15	GUADALUPE DAM/RESERVIOR	575-11-004	FEE IN
9195-1	PACHECO DAM/RESERVIOR	898-11-009, 898-49-002	DEED IN

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REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
9195-2	PACHECO DAM/RESERVIOR	898-11-003, 898-11-008, 898-11-004, 898-11-016, 898-11-020, 898-11-021, 898-11-022, 898-11-023, 898-13- 001, 898-48-001, 898-49-001, 898-49-003	FEE IN
9195-3	PACHECO DAM/RESERVIOR	865-10-010, 865-11-020, 865-11-021	FEE IN
9195-4	PACHECO DAM/RESERVIOR	865-15-008, 865-15-009	FEE IN
9195-5	PACHECO DAM/RESERVIOR	865-15-007	FEE IN
9195-6	PACHECO DAM/RESERVIOR	865-10-023	FEE IN
9195-7	PACHECO DAM/RESERVIOR	898-57-001, 898-57-002	FEE IN
9195-8	PACHECO DAM/RESERVIOR	898-14-019, 898-57-002	TBD
9195-9	PACHECO DAM/RESERVIOR	898-54-009	TBD
9195-10	PACHECO DAM/RESERVIOR	898-47-001, 898-47-002	TBD
9214-19	SANTA CLARA CONDUIT	ON ROAD	EASEMENT IN
9225-65	CENTRAL PIPELINE	254-17-069, 254-17-070	EASEMENT IN
9225-66	CENTRAL PIPELINE	254-17-074	EASEMENT IN
9225-67	CENTRAL PIPELINE	LAND EXCHANGES FOR THE BART'S EXTENSION PROJECT	TBD
9239-7	STEVENS CREEK PIPELINE	TO BE DETERMINED	TBD
9245-33	COYOTE CANAL	729-55 (Bailey Ave)	TBD
9265-5	BUDD AVENUE PERCOLATION PONDS	305-35-017	EASEMENT IN
9433-18	MILPITAS PIPELINE	92-08-083	EASEMENT IN
9433-19	MILPITAS PIPELINE	92-08-083	EASEMENT IN
9433-20	MILPITAS PIPELINE	92-08-002	EASEMENT IN
9433-21	MILPITAS PIPELINE	92-08-002	EASEMENT IN
9433-22	MILPITAS PIPELINE	92-08-096	EASEMENT IN
9433-23	MILPITAS PIPELINE	92-08-002	INGRESS AND EGRESS EASEMENT
9484-33	SNELL PIPELINE	692-26-049	EASEMENT IN
9484-34	SNELL PIPELINE	692-26-000 (Old Snell)	EASEMENT IN
4033-62	LOWER PENITENCIA CREEK PROJECT FOR MILPITAS	022-30-041	EASEMENT
4033-54	LOWER PENITENCIA CREEK PROJECT FOR MILPITAS	022-30-041	FEE

NOTE:
TCE = Temporary Construction Easement

REPORT OF PROPERTIES WHICH MAY BE ACQUIRED UNDER
EXECUTIVE LIMITATION 6.7.1

DISTRICT FILE	PROJECT NAME	ASSESSORS' PARCEL NUMBER (APN)	INTEREST
4033-60	LOWER PENITENCIA CREEK PROJECT FOR MILPITAS	022-30-042	FEE
	LOWER PENITENCIA CREEK PROJECT FOR MILPITAS	022-37-000	ENCROACHMENT AGMT.

NOTE:
TCE = Temporary Construction Easement



MEMORANDUM

FC 14 (08-21-19)

TO: Board of Directors

FROM: Tina Yoke

SUBJECT: Local Hazard Mitigation Program Annual Progress Report

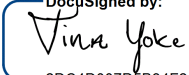
DATE: July 17, 2020

Introduction

Valley Water's Local Hazard Mitigation Plan (LHMP) is a five-year plan that identifies actions being taken to lessen the impact of natural hazards or potentially removing the threat. The LHMP was adopted by the Board of Directors on April 24, 2018 and approved by the Federal Emergency Management Agency (FEMA) on May 2, 2018. An annual progress report is created, per FEMA guidelines and as detailed in the Valley Water LHMP, which provides updates on implementation of mitigation strategies and actions within the district. The 2020 annual progress report is attached.

Maintaining a LHMP allows for Valley Water to apply for both post disaster recovery grant funds, as well as mitigation grants as they become available. The LHMP is a public facing plan that seeks public feedback on an annual basis. A key aspect of the LHMP is that it illustrates what Valley Water is doing to improve safety and reliability regarding providing safe clean water and protecting the county from flooding connected to our waterways. Many of the projects and activities that take place at Valley Water are mitigation, such as capital improvement, pipeline and stream maintenance, and public outreach and education.

This progress report was developed with input by Deputy Operating Officers, Assistant Operating Officers, managers, supervisors and subject matter experts in Water Utility, Watersheds, External Affairs, and Information Technology and Administrative Divisions. An approval meeting was conducted, which included the contributors listed above, to obtain final review and approval of the progress report content. The Valley Water's Office of Communications will be posting external advisories, including newspaper advertisements and social media posts advising the public that the progress report is accessible and open for public feedback for two weeks. The progress report will be available on our external website where the LHMP current resides at <https://www.valleywater.org/LHMP>.

DocuSigned by:

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Tina Yoke
 Chief Operating Officer – Information Technology & Administrative Services

Cc: A. Gordon
 AG

Attachment 1: Santa Clara Valley Water District Local Hazard Mitigation Plan Annual Progress Report



Valley Water

ANNUAL PROGRESS REPORT JANUARY 1 - DECEMBER 1, 2019

Santa Clara Valley Water District Local Hazard Mitigation Plan

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SANTA CLARA VALLEY WATER DISTRICT LOCAL HAZARD MITIGATION PLAN PROGRESS REPORT

REPORTING PERIOD

The reporting period for this progress report is 01-01-2019 through 12-31-2019.

BACKGROUND

The Santa Clara Valley Water District (Valley Water) has developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, Valley Water organized resources, assessed risks from natural hazards, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, Valley Water has maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act. The plan can be viewed on-line at: <https://www.valleywater.org/LHMP>.

PURPOSE

The purpose of this report is to provide an update on the implementation of the mitigation initiatives identified in the *Santa Clara Valley Water District Local Hazard Mitigation Plan*. The objective is to ensure that there is a continuing planning process that will keep the *Santa Clara Valley Water District Local Hazard Mitigation Plan* dynamic and responsive to the needs and capabilities of Valley Water and its stakeholders.

PLANNING COMMITTEE

For the reporting period, the committee membership is listed in Table 1.

**TABLE 1
Planning Committee**

Name	Title
Alexander Gordon	Manager, Emergency Services and Security
Donna Germany	Program Administrator, Emergency Services and Security
Aaron Baker	Deputy Operating Officer, Raw Water Division
Bhavani Yerrapotu	Deputy Operating Officer, Treated Water Division
John Brosnan	Manager, Utility & Electrical Control Systems
Surjit Saini	Manager, Laboratory Services

Name	Title
Christopher Hakes	Deputy Operating Officer, Dam Safety & Capital Delivery Division
Rechelle Blank	Assistant Officer, Dam Safety & Capital Delivery Division
Erin Baker	Manager, Water Utility Business Planning & Analysis
Garth Hall	Deputy Operating Officer, Water Supply Division
Jerry De La Piedra	Assistant Officer, Water Supply Division
Metra Richert	Manager, Water Supply Planning & Conservation
Heath McMahon	Deputy Operating Officer, Water Utility Capital Division
Tim Bramer	Manager, Construction Services
Jessica Collins	Manager, Watersheds Business Planning & Analysis
Linh Hoang	Manager, Office of Communications
Matt Keller	Program Administrator, Office of Communications
Michael Cook	Deputy Administrative Officer, Information Technology Division
Jill Bernhard	IT Architect, Software Services (GIS)
Ngoc Nguyen	Deputy Operating Officer, Watersheds Design & Construction Division
Roger Narsim	Manager, Watershed Design & Construction Unit 5
Roslyn Fuller	Deputy Administrative Officer, General Services Division
Jose (Jesse) Soto	Manager, Facilities
Todd Bridgen	Sr. Management Analyst, Capital Program Planning & Analysis
Sherilyn Tran	Manager, Office of Civic Engagement
Merna Leal	Program Administrator, Office of Civic Engagement
Sue Tippets	Deputy Operating Officer, Watersheds Operations & Maintenance Division
Chad Grande	Manager, Watersheds Field Operations
Devin Mody	Manager, Watersheds Operations & Maintenance Engineering Support
Jennifer Codianne	Manager, Vegetation Field Operations
Vincent Gin	Deputy Operating Officer, Watersheds Stewardship & Planning Division
Lisa Infante	Assistant Officer, Watershed Stewardship & Planning Division
Afshin Rouhani	Manager, Water Resources Planning & Policy
Liang Xu	Manager, Hydrology, Hydraulics and Geomorphology

Summary Overview of the Plan's Progress

The Santa Clara Valley Water District Local Hazard Mitigation Plan became effective with the final approval of the plan by FEMA on 05-02-2018. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur before 05-02-2023. The Santa Clara Valley Water District Local Hazard Mitigation Plan originally targeted 48 hazard-mitigation initiatives to be pursued during the 5-year performance period. Upon reviewing the initiatives for progress during the first reporting period, it was determined that five (5) of the initiatives were either already being addressed as part of or were best addressed as part of other existing initiatives. Four (4) initiatives were discontinued because it was determined that mitigation was not necessary or could not be performed at this time. This resulted in lowering the overall number of mitigation initiatives to thirty-nine (39). As of this reporting period, the following overall progress can be reported:

- 37 out of 39 initiatives (95%) reported action toward completion.
- 1 out of 39 initiatives (2.5%) reported no progress.
- 1 out of 39 initiatives (2.5%) were completed.
- 31 out of 39 initiatives (79%) indicated work is conducted as an ongoing capability.

Review of the Action Plan

Table 2 reviews the action plan, reporting the status of each initiative.

TABLE 2
Action Plan Matrix

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
ALL HAZARDS				
1.1 Continue to stockpile repair materials, portable pumps, and other supplies to assist with rapid and functional repairs to water utility and watershed infrastructure.				
Yes	Ongoing Capability	No	Valley Water has a supply of equipment and materials, including pipe repair materials, large diameter pipe, valves, boulders (to arrest erosion), portable pumps, hoses, generators, and other equipment and materials needed to respond to hazards and outages.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
1.2 Continue to incorporate the effects of climate change into water utility and watershed infrastructure vulnerability studies.				
			This measure is discontinued as associated work is captured in measure 1.5.	Discontinued
1.3 Improve the energy independence of Valley Water's facilities and infrastructure through energy efficiency, on-site or local renewable energy systems, micro grids, and energy storage facilities. Ensure adequate emergency power is available in the interim.				
Yes	Ongoing Capability	No	Valley Water successfully provided continued system operations through three PG&E Public Safety Power Shutoff events in October 2019 and used the interruptions as opportunity to improve system resiliency. Valley Water also began evaluation of a Self-Generation Incentive Program (SGIP) that promotes battery storage installations at remote Valley Water sites located in High Fire-Threat Districts. Valley Water continues to maintain back-up power sources at its primary facilities in the event of emergencies. To improve local renewable energy portfolio, staff continue to support the Headquarters solar carport rehabilitation. After reaching an impasse with the original solar developer in August 2019 due to cost increases, Valley Water's joint powers authority, the Power and Water Resources Pooling Authority (PWRPA), released a new RFP in October 2019 to solicit updated pricing. Staff are currently in negotiations with the highest-ranked respondent and are nearing an agreement in principle to move forward with solar carport development. Valley Water continues to implement the energy optimization measures (EOMs) recommended by the 2013 Energy Optimization Plan. Thirty-seven of the original 49 EOMs have been completed since 2013 and there are currently 7 EOMs in progress.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
1.4 Continue to distribute information about disaster preparations through mailings, printed notifications, educational campaigns, social media, digital devices, addressing media inquiries, and in-person events and workshops. This information should be distributed widely and in all commonly spoken languages within Valley Water's service territory.				
Yes	Ongoing Capability	No	Valley Water continued its annual flood awareness campaign which includes general disaster preparedness tips. Efforts include paid ads, web/blog posts, media interviews, social media, speaking presentations, and community events. Ads are in English, Chinese, Spanish, and Vietnamese. Valley Water's latest iteration of this campaign includes multilingual video content. Valley Water has also developed a robust hot spots outreach approach to engage with residents and businesses in areas prone to flooding.	Ongoing
1.5 Conduct hazard vulnerability studies, including anticipated climate change impacts, in advance of all new infrastructure siting and construction.				
Yes	Ongoing Capability	No	Valley Water staff continues site analysis as part of the Capital project planning and design process.	Ongoing
1.6 Continue to participate in the Silicon Valley Regional Interoperability Authority (SVRIA) to improve emergency communications between Valley Water and other Santa Clara County jurisdictions.				
Yes	Ongoing Capability	No	Silicon Valley Regional Interoperability Authority completed several critical radio tower construction projects Q4 of 2019 which should resolve signal issues in South County. Signal issues in South County had previously barred Valley Water from making progress.	Ongoing
1.7 When siting new infrastructure, try to avoid locating facilities in areas of high hazard risk. If this is unavoidable, integrate extensive mitigation measures into the facility to reduce vulnerability from all applicable hazards.				
			This measure is discontinued as associated work is captured in measure 1.5.	Discontinued

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
1.8 Improve estimates of potential damage to Valley Water facilities from various potential emergency situations, and integrate these estimates into appropriate planning efforts.				
Yes	Ongoing Capability	No	Estimates of repair costs for watershed assets are located in the Draft 5-year Watersheds O&M plan and asset management plans. The water utility Infrastructure Reliability Plan and the Water Utility Asset Management Program Plans feed into future planning efforts.	Ongoing
1.9 Update all emergency planning documents every 5 years to ensure consistency with state and federal laws, eligibility for hazard mitigation grant funding, best practices, local conditions, and updated science.				
Yes	Ongoing Capability	No	Revisions to all dam EAPs are underway to ensure consistency with new state requirements. New inundation studies and revised inundation maps were developed for all twelve dams and sent to the state Division of Safety of Dams for review and approval. Work on creek- or location-specific EAPs continues, including San Francisquito Creek, West Little Llagas Creek, and Uvas Creek. Palo Alto Flood Basin EAP has been completed, and work on San Tomas Aquino Creek EAP has begun. The Local Hazard Mitigation Plan is maintained annually, and the Emergency Operations Plan review/update was initiated during this time-frame. Valley Water is preparing a compliance letter for the EPA stating that Valley Water is AWIA compliant. Overall, the 5-year time-frame for emergency plan updates is being adhered to.	Ongoing
1.10 Regularly pursue funding opportunities for hazard mitigation activities.				
Yes	Ongoing Capability	No	Received approval of a grant from the San Francisco Bay Restoration Authority for design and construction of the South San Francisco Bay Shoreline Project Phase 1 and continued pursuing a grant from the Natural Resources Conservation Service for the Upper Llagas Creek Flood Protection Project. Owing to winter storms and high-flow events of 2017, significant erosion was identified at Stevens Creek downstream of Fremont Avenue. Funding to address this issue was pursued with CalOES and FEMA. Valley Water completed an erosion repair project at Stevens Creek downstream of Fremont Avenue in 2018. In March 2019, Valley Water received from CalOES payment in the	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
			amount of \$271,180. A subsequent request from CalOES has resulted in Valley Water doing additional research on backup documentation (being provided to CalOES).	
1.11 Assess the capability and feasibility of using interorganizational and public/private water distribution infrastructure (“water-wheeling”) as an alternate or backup.				
Yes	Short Term (<5 yrs.)	No	Valley Water has developed agreement templates that can be used in an emergency to wheel retailer water supplies through SCVWD pipelines.	Completed
1.12 Install pipeline isolation valves to enable smaller geographic service outages and shorter recovery periods.				
Yes	Long Term (5+ yrs.)	No	Planning and design for two capital projects (IRP2 Additional Line Valves, Project No. 26764001 and Treated Water Isolation Valves, Project No. 94084007) remain on schedule for completion in 2024.	In Progress
1.13 Conduct a Retailer Intertie Study to explore the capacity and interconnectivity of retailer interties.				
Yes	Short Term (<5 yrs.)	No	No work has started. Valley Water will continue to work with retailers to identify which agency will lead the project, and will provide resources and support once the project begins.	No Progress
1.14 Install interties and connections to public and private groundwater wells for redundancy, including connections between the Snell Pipeline and the Great Oaks Water Company wells, the Santa Clara Distributary and the planned Santa Clara Water Company Serra Tank well, and the Mountain View Distributary and the planned Mountain View Water Company Miramonte well.				
Yes	Long Term (5+ yrs.)	No	The City of Santa Clara and City of Mountain View are continuing to investigate well sites. Partnership on future connections to the Valley Water distribution system is pending the outcome of the well siting studies. Additionally, interties with the Great Oaks system are being considered for submission to the FY22 CIP.	In Progress
1.15 Implement projects and support regional and state efforts to increase the resiliency, redundancy, and reliability in water supply and safety infrastructure.				
Yes	Ongoing Capability	No	Delta Conveyance Project: Construction and financing governance structures established in mid-2018. Replacement of California WaterFix with single tunnel project announced in April 2019. Planning documents and contract amendments in development.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
			<p>Los Vaqueros Reservoir Expansion: Development of JPA governance and finance structure ongoing. Modeling and analysis of operations and facilities (Transfer Bethany Pipeline) is under review.</p> <p>Sites Reservoir Project: Project description is being updated to right-size the project based on current participation and a desire to reduce costs. At the end of 2019 the federal government appropriated an additional \$6 million for the planning and development of the project.</p> <p>Groundwater Banking Projects: Review of state-wide groundwater banking and storage projects to diversify Valley Water storage assets. Planning and analysis of specific groundwater conditions, management, and proposed banking operations is ongoing.</p> <p>South Bay Aqueduct Reliability Improvements: Collaboration with Department of Water Resources to expedite pipeline rehabilitation work including inspection, leak detection and repair, and geotechnical monitoring of landslide areas. Schedule for work is under consideration, but expected to occur over the next 8-12 months.</p>	
<p>1.16 Develop interagency mutual-aid agreements and emergency assistance protocols between Valley Water and surrounding jurisdictions.</p>				
Yes	Ongoing Capability	No	Valley Water maintains agreements with CAMAL Net (laboratory service) and CalWARN (water agencies) for emergency assistance and mutual aid. Valley Water's agreement to provide emergency assistance to Cal Fire has expired and a new renewal agreement is currently under review by Cal Fire.	Ongoing
<p>DAM FAILURE</p>				
<p>2.1 Work with local jurisdictions in dam inundation zones to ensure residents and businesses are aware of the potential risk, and that dam inundation mitigation strategies are integrated into local planning efforts. Use GIS mapping for risk analysis and communication as appropriate.</p>				
Yes	Ongoing Capability	No	In November 2019, a call down drill was conducted with downstream agencies for all dam Emergency Action Plans (EAPs), and an orientation slide show on dam EAPs and inundation map interpretation was presented to	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
			the Santa Clara County Emergency Management Association.	
2.2 If appropriate, identify critical dam infrastructure at heightened risk from dam failure and develop a plan to protect or retrofit those facilities.				
Yes	Ongoing Capability	No	Seismic studies to identify dams at heightened risk of failure, and seismic retrofits/improvements are underway as applicable.	Ongoing
DROUGHT				
3.1 Evaluate the long-term impact of climate change on future water supplies, and include more severe drought conditions in water supply planning documents.				
Yes	Ongoing Capability	No	Valley Water's Board of Directors adopted the Water Supply Master Plan 2040 (Master Plan) on November 20, 2019. The Master Plan informs investment decisions by describing the type and level of water supply investments Valley Water is planning to make through 2040, emphasizing drought-resilience strategies using historical water supply data. As part of the Master Plan, Valley Water conducted a late-century analysis to better understand the impacts of climate change on the proposed investment decisions.	Ongoing
3.2 Work with retail water suppliers to offer free or low-cost water audits for residents and businesses within Valley Water's service territory.				
Yes	Ongoing Capability	No	Valley Water works with retailers to offer a free Water Wise Survey Program, which includes two components: an outdoor irrigation survey and an indoor water audit do-it-yourself kit.	Ongoing
3.3 Work with retail water suppliers to support real-time water monitoring for all customers.				
Yes	Short Term (<5 yrs.)	No	Valley Water has been working with its water retailers to promote 'Advanced Metering Infrastructure' (AMI) technology and home water use reporting. Additionally, Valley Water has included messaging on home water use reports that are sent out in collaboration with retailers.	In Progress

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
3.4 In coordination with retail water suppliers, host regular workshops and classes on water conservation, including providing information on drought-tolerant landscaping, available rebates for water retrofits, and water efficiency strategies in new buildings. Continue to offer workshops and classes even when drought conditions are not present. Develop outreach materials for water conservation.				
Yes	Ongoing Capability	No	Valley Water's annual water conservation campaign which includes paid ads, outreach materials, videos, social media posts and web/blog posts continued in June of 2019. Known as Yards Have Evolved, this latest campaign promoted Valley Water rebate and conservation programs. Valley Water participates in a number of workshops and classes, year-round and supports a multi-agency effort called South Bay Green Gardens, to promote sustainable landscaping classes and events. Additional efforts include development and distribution of a variety of outreach material to promote water conservation. The water conservation campaign concluded in October 2019 and planning is underway for the 2020 campaign.	Ongoing
3.5 Increase recycled and purified water supplies and expand the existing recycled and purified water infrastructure.				
Yes	Short Term (<5 yrs.)	No	The Expedited Purified Water Program is part of Valley Water's strategy to respond to future drought and is consistent with Board of Director's direction to expand the county's water supply. As currently conceived, the program will provide up to 24,000 acre-feet per year (AFY) of purified water for potable reuse to reduce reliance on the other existing sources such as imported and locally stored water supply.	In Progress
3.6 Explore opportunities to recycle water for non-potable and potable uses.				
Yes	Ongoing Capability	No	The Countywide Water Reuse Master Plan (CWRMP) agreement was amended (Amendment No. 1 executed 6/11/2019) to add funds in order to (1) allow additional time for stakeholder input, and (2) develop feasible treated water augmentation portfolios to CWRMP's scope of work for Valley Water Board's consideration.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
3.7 As identified in the Capital Improvement Program (CIP), continue to prioritize water supply improvements as they relate to the risks outlined in this Plan. Coordinate future updates to the CIP to support mitigation actions outlined in this Plan.				
Yes	Ongoing Capability	No	Commenced construction for the Cross Valley and Calero Pipelines Inspection and Rehabilitation Project in November 2019. Completed 30 percent design for the Rinconada Water Treatment Plant Residuals Remediation Project in December 2019. Completed Problem Definition report for Coyote Pumping Station Adjustable Speed Drive Replacement Project in November 2019.	Ongoing
3.8 Implement projects that increase the resiliency or reliability of future water supplies.				
			This measure has been discontinued. Associated work is covered in measure 1.15.	Discontinued
FLOODS				
4.1 Continue to repair and improve storm drain and flood protection systems owned and maintained by SCVWD to better accommodate flood flows.				
Yes	Ongoing Capability	No	In 2019, three Small Capital Projects were completed. 1) 2.1-mile-long erosion repair of San Tomas Aquino Creek from Williams Road to Virginia Avenue; 2) Barron Creek concrete repair at Bryant Street; and 3) 1-mile-long Uvas Creek levee rehabilitation Project, Phase 2 from Miller Avenue to end of levee at d/s. Draft 5-Year Watersheds O&M Plan presented to Valley Water Board of Directors on 12/17/2019. Majority of creek sites identified for maintenance and repairs in 2019 were completed under Valley Water's Stream Maintenance Program. In 2019, to maintain design flow conveyance capacity of streams, approximately 49,551 cubic yards of sediment was removed and approximately 1,006.74 acres of in-stream vegetation removal was conducted. In addition, approximately 1,184 linear feet of bank stabilization and approximately 550 linear feet of in-stream habitat improvements were put in place.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
4.2 Monitor creek infrastructure for obstructions and remove any obstructions as quickly as possible.				
Yes	Ongoing Capability	No	Facilities are routinely inspected, blockages are cleared, and known hot-spots are monitored throughout the rainy season. Trash and debris are removed when safe to do so and in accordance with regulatory permits. Sediment is removed periodically from streams and erosion repaired as resources allow. In 2019, to maintain design flow conveyance capacity of streams, approximately 49,551 cubic yards of sediment was removed and approximately 1,006.74 acres of instream vegetation removal was conducted. In addition, approximately 1,184 linear feet of bank stabilization was performed.	Ongoing
4.3 Retrofit hardscaped areas on Valley Water property, including parking lots and plazas, to use permeable paving, green infrastructure, and other low-impact development design features to allow for increased infiltration, even in heavy rain events.				
No	Short Term (<5 yrs.)	No	Retrofits to hardscape areas are planned and carried out as needed based on site and operational requirements. There was no worked performed for this measure in 2019.	Ongoing
4.4 Identify and implement effective flood protection measures around water supply facilities and pumping stations, prioritizing facilities located within the 100-year floodplain.				
			This measure has been discontinued, as Valley Water has only one pumping station and no other water supply facilities within the 100-year floodplain. During flood season, water supply is at low demand and the system can operate without the pump station.	Discontinued
4.5 As identified in the Capital Improvement Program (CIP), continue to prioritize flood protection improvements as they relate to the risks outlined in this Plan. Coordinate future updates to the CIP to support mitigation actions outlined in this Plan.				
Yes	Ongoing Capability	No	Completed improvements along the creek for Lower Berryessa Creek Phase 2 Flood Protection Project and Cunningham Flood Detention Certification (December 2019). Continued construction of: McKelvey Park Flood Detention Facility, Rancho San Antonio Park Flood Detention Facility. Began construction of Upper Llagas Creek Flood Protection Project Phase 1 (August 2019). Continued design of Lower Calera Creek and Lower Penitencia Creek Flood Protection Project and USACE	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
			South San Francisco Bay Shoreline Project Phase 1/Reach 1 (expect to begin construction in summer 2020). Continued design/permitting of Sunnyvale East/West Channels, Hale Creek Enhancement Pilot Project, Palo Alto Flood Basin Tide Gate Replacement Project (expected to begin construction in 2021). Continued planning studies for Coyote Creek (Montague Expressway to Tully Road), Upper Penitencia Creek (Coyote Creek to Dorel Drive), and Guadalupe River (Tasman Drive to I-880) (expected to be completed in 2020).	
4.6 Develop outreach materials for extreme flood conditions and events.				
Yes	Ongoing Capability	No	Valley Water’s latest “Floodplain Mailer,” was sent to Santa Clara County households in or near a 100-year flood zone, in early January 2020. Known as the Get Flood Ready mailer, the content is presented in English, Spanish, Chinese, and Vietnamese. A winter preparedness flyer was also developed and will be distributed to flood-prone areas near San Francisquito Creek in early 2020. Valley Water maintains a “Flood Ready” web page with tools, tips, and helpful resources for emergency preparedness.	Ongoing
GEOLOGIC HAZARDS				
5.1 Use erosion and sediment control features that provides protection as required by local or state standards for all Valley Water construction activities.				
Yes	Ongoing Capability	No	Erosion and sediment control features are evaluated and included as a standard practice in all watershed capital improvement projects. The following erosion repair projects (small capital projects) were completed in 2019: Uvas Creek In-board Levee Repair, Uvas Creek out-board Levee Repair, and San Tomas Aquino Creek and Barron Creek Erosion Repair.	Ongoing
5.2 Mitigate landslide and debris flows to minimize damage to structure and function of Valley Water infrastructure.				
Yes	Ongoing Capability	No	Valley Water is monitoring a known landslide area. Pipes crossing the landslide have been replaced with landslide resistant pipes and structures.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
LAND SUBSIDENCE				
6.1 Continue to monitor the rate of groundwater pumping within Valley Water, and coordinate groundwater pumping and increase groundwater recharge if subsidence begins to occur.				
Yes	Ongoing Capability	No	No permanent subsidence has been observed for many decades due to comprehensive groundwater management. During droughts, adherence to Valley Water's Water Shortage Contingency Plan helps minimize the risk of subsidence. Groundwater and land subsidence monitoring and conditions are described each year in Valley Water's Annual Groundwater Report.	Ongoing
SEA LEVEL RISE				
7.1 Develop and implement plans to protect key facilities within the sea level rise hazard area as sea levels increase.				
Yes	Ongoing Capability	No	Valley Water continued design of USACE South San Francisco Bay Shoreline Project Phase 1/Reach 1 (expect to begin construction in summer 2020). Continued design/permitting Palo Alto Flood Basin Tide Gate Replacement Project (expected to begin construction in 2021).	Ongoing
7.2 Coordinate with Santa Clara County, ABAG, Bay Conservation and Development Commission and other agencies, to defend against and retreat from sea level rise.				
Yes	Ongoing Capability	No	South San Francisco Bay Shoreline Project pre-construction activities began September 2018. Construction to begin FY2020. Staff has attended meetings with these agencies to coordinate for defense of sea level rise.	Ongoing
SEISMIC ACTIVITY				
8.1 Maintain existing levee inspection and repair program to address seismic vulnerabilities of levee systems.				
Yes	Ongoing Capability	No	Valley Water performs regular inspections and repairs are made as required. For example, a reach of Uvas Creek levee in Gilroy was identified as needing repairs due to burrowing rodents. Watersheds O&M Division staff requested assistance from Watersheds Design and Construction Division staff (i.e., "small caps"), and in 2019, small caps oversaw completion of approximately 4,100 linear feet of	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
			inboard levee repairs on Uvas Creek, from Miller Avenue to the end of levee.	
8.2 Secure funding to conduct necessary seismic strengthening work on Valley Water-owned dams as identified in seismic evaluations.				
			This measure is part of the work performed under measure 8.3.	Discontinued
8.3 Replace or retrofit structures that are determined to be structurally deficient, including levees, dams, reservoirs, and tanks. Continue to analyze and identify needs for future upgrades. Evaluate, reinforce, and/or enhance Valley Water facilities to mitigate seismic risk.				
Yes	Ongoing Capability	No	Seismic retrofit projects are underway at Anderson, Calero, and Guadalupe dams. Seismic improvements are underway at Almaden Dam. Other seismic evaluations are currently being performed at Coyote, Chesbro, Uvas, Lenihan, and Stevens Creek dams.	Ongoing
8.4 Conduct evaluations of Valley Water facilities (Offices, Ancillary Structures) to determine seismic vulnerability.				
No	Short Term (<5 yrs.)	No	Valley Water completed a seismic assessment of the South County Yard facility in October 2018. There were no seismic evaluations of Valley Water facilities conducted in 2019.	In Progress
8.5 Avoid siting of new infrastructure in areas of highest liquefaction, ground shaking, and/or fault rupture risk. If siting new infrastructure in these high-risk zones is unavoidable, include significant mitigation measures to reduce the vulnerability to earthquake hazards.				
			This measure is discontinued. Work addressing this measure is captured in measure 1.5.	Discontinued
8.6 Replace seismically vulnerable sections of the Almaden Valley Pipeline.				
Yes	Short Term (<5 yrs.)	No	A capital project to replace the Almaden Valley Pipeline is being proposed for the next Capital Improvement Plan.	In Progress
SEVERE WINDS				
9.1 Monitor trees and other large objects that may threaten nearby Valley Water infrastructure in high wind events, and maintain or reinforce as appropriate.				
Yes	Ongoing Capability	No	Valley Water conducts facility inspections. When threats are identified (including hazardous trees), work orders are submitted to mitigate the problem.	Ongoing

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
WILDFIRES				
10.1 Frequently monitor the status of dry vegetation on Valley Water property and around Valley Water facilities in wildland and WUI zones, and conduct weed abatement and pesticide application activities as needed.				
Yes	Ongoing Capability	No	Valley Water Complies with California Government Code section 51182, which requires the maintenance of a firebreak within 30 feet of occupied structures on its property by removing flammable vegetation or combustible growth. Weed abatement activities are performed March through December. Herbicide application to prevent weed growth is performed October through June.	Ongoing
10.2 Work with surrounding landowners to ensure adequate fire road access to Valley Water facilities.				
			This mitigation action is being removed because Valley Water already has access to its facilities (buildings and infrastructure), and waterways. Additional access through private land owners is not needed.	Discontinued
10.3 Identify Valley Water-owned waterways and water sources adjacent to any high-fire risk areas, and prepare for increased turbidity as a result of vegetation loss and increased erosion. Conduct mitigation measures as appropriate.				
			This mitigation action is being removed as there is no identifiable mitigation work that can be performed at this time.	Discontinued
10.4 Design and implement mitigation measures to reduce turbidity in waterways and water sources near high-fire risk areas.				
			This measure is being discontinued because turbidity as a result from fires and vegetation loss that enter waterways will be addressed utilizing best management practices by Operations and Maintenance (same as day-to-day operations).	Discontinued

Changes That May Impact Implementation of the Plan

During the reporting period, there were no significant changes in the planning area that would have a profound impact on the implementation of the plan.

Recommendations for Changes or Enhancements

Based on the review of this report by the Planning Committee, the following recommendations from the 2019 Annual Report will be noted for future updates or revisions to the plan.

- Incorporate information from Valley Water's Climate Change Action Plan once it is completed.
- Consider developing green storm water infrastructure/water quality-related measures.

Public Review Notice

The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. Copies of the report have been provided to the Valley Water Board of Directors, Chief Executive, Operating and Administrative Officers, and to local media outlets. The report is posted on the Valley Water website <https://www.valleywater.org/LHMP>. Any questions or comments regarding the contents of this report should be e-mailed to: LHMP@Valleywater.org.

ATTACHMENT A Meeting Agenda

LHMP ANNUAL PROGRESS REPORT MEETING LHMP Planning Committee

Date: March 9, 2020
Time: 1:00 PM – 2:00 PM
Location: Virtual Meeting
Meeting Purpose: Review the Public Annual Progress Report for the period
January 1 – December 31, 2019

AGENDA

- | | | |
|------|-----------------------------------|--------------------|
| I. | Welcome and Roll Call | Alexander Gordon |
| II. | Power Point Presentation | Alexander Gordon |
| III. | Mitigation Report Development | Planning Committee |
| IV. | Annual Report Review and Approval | Planning Committee |

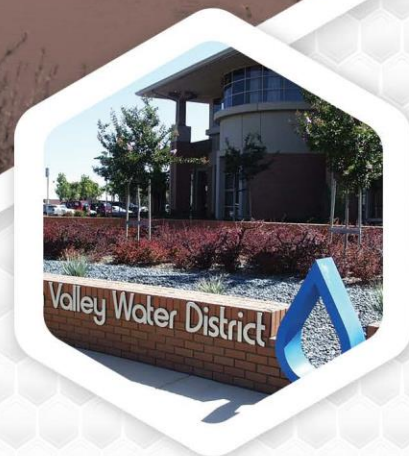
Action Needed from Planning Committee

- A. Review Excel Worksheets
- B. Review Public Progress Report
- C. Email comment/changes/additions

ATTACHMENT B Meeting Sign-in Sheet

Sign-in Sheet	
Purpose: LHMP Annual Review and Report	Meeting Date: 03/09/2020
Facilitator: Alexander Gordon	Location: Virtual

Name (Print)	Extension	Unit	Signature
Alexander Gordon	2637	Emergency Services & Security	
Donna Germany	2689	Emergency Services & Security	
Devin Mody	2024	Watershed Operations & Maintenance Engineering Support	
Roger Narsim	2928	Watershed Design & Construction	
Merna Leal	2610	Office of Civic Engagement	
Jill Bernhard	2220	Software Services (GIS)	
Erin Baker	2608	Water Utility Business Planning & Analysis	
Aaron Baker	2135	DDO – Raw Water	
Surjit Saini	2268	Laboratory Service	
John Brosnan	2849	Utility Electrical & Control Systems	
Mark Gomez	2985	Office of Communications	
Navroop Jassal	2676	Environmental Mitigation and Monitoring	
Lisa Infante (Bankosh)	2618	AO – Watershed Stewardship and Planning Division	
Roslyn Fuller	2379	General Services Division	



Valley Water

Clean Water • Healthy Environment • Flood Protection

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