Valley Water
SANTA CLARA VALLEY WATER DISTRICT

NON-AGENDA

July 28, 202

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

Page		
		CEO BULLETIN & NEWSLETTERS
		CEO Bulletin: None
		BOARD MEMBER REQUESTS & INFORMATIONAL ITEMS
4		**BMR/IBMR Weekly Reports:** 07/28/23
5		Memo from Aaron Baker, Chief Operating Officer, Water Utility Enterprise, to the board, dated 7/10/23, regarding Use of Permanente Quarry for Water Storage.
25		Memo from Jennifer Codianne, Deputy Operating Officer, to the board, dated 7/20/23 providing a list of Valley Water Land Rights that could potentially be used to support the unhoused community.
43		Memo from Darin Taylor, Chief Financial Officer, to the board, dated 7/24/23, providing Third Quarter Fiscal Year 2022-23 Financial Status update.
53		Memo from Darn Taylor, Chief Financial Officer, to the board, dated 7/24/23, providing Monthly and Quarterly Repot of Investments as of June 30, 2023.
		INCOMING BOARD CORRESPONDENCE
81		**Board Correspondence Weekly Report:** 07/28/23
83		Email from San Jose Councilmember David Cohen to Director Santos, dated 7/19/23, requesting information on the management of the Penitencia Creek Park and Noble percolation ponds. C-23-0186
85		Email from San Jose Councilmember David Chen to Director Santos, dated 7/20/23, requesting additional information on the Penintencia Creek Park percolation pond. C-23-0187
86		Email from Bruce Neill to Madhu Thummaluru (copied to the board), dated 7/24/23, informing that they have received appraisals for the Powell and Neill properties. C-23-0187
88		Email from Michele Keefhaver to Director Santos, dated 7/24/23, expressing frustration identifying responsibility for cleaning trash from unhoused and trimming trees in the creeks. C-23-0189
		OUTGOING BOARD CORRESPONDENCE
100		Letter from Director Santos to San Jose Councilmember David Cohen, dated 7/19/23, regarding the Dr. Robert W. Gross Recharge Ponds Maintenance Activities.

102		Letter from Director Santos to San Jose Councilmember David Cohen, dated 7/21/23, regarding the Penitencia Creek Park Pond.
103		Email form Director Beall to Shaunn Cartwright, dated 7/24/23, regarding concerns on animal welfare during encampment cleanups and abatements.
105		Email from Chair Varela to Jeffrey Hare, dated 7/25/23, regarding IMC's request for status of Measure S Audit.
107		Email from Chair Varela to Fred Mccassland, dated 7/25/53, regarding request for assistance with fallen trees on Coyote Creek near family property at 408 Terrace Drive.

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-23-0018	06/13/23	Eisenberg	Yoke	Mcelroy	Director Eisenberg requests the unfiltered, full comments from the 2023 Employee Survey.	07/03/23		
I-23-0020	07/21/23	Eisenberg	Gibson	Lugo	Director Eisenberg requests the following: 1. How much money in total is spent on sponsorships each year? a.Where is this in the budget? - marketing? 2. What is the process for choosing sponsors? For example: a.Who can bring a potential sponsor for consideration? b.What is the process to bring a potential sponsorship -- is it open to anyone? Staff? Directors? c How are people - staff, directors, etc - made aware of sponsorships d.What checks and balances are in place? e.What is the donation limit? f.When does the Board have to approve? g.What are the guidelines for how they are chosen? 3. What is a full list of our current sponsorships and how much have we spent on each? 4. Approx how many tickets do we make available, and how many of those are used? 5. How are people made aware of the sponsorships? 6. Are Directors and others who may have reporting requirements asked to report sponsorships when tickets have potentially reportable value?	08/10/23		
I-23-0021	07/27/23	Eisenberg	Callender	Taylor	Provide answers to Director Eisenberg's questions listed in her 7/25/23 email regarding progressive taxation.	08/16/23		
R-23-0007	06/13/23	Beall	Hakes	Codianne	Participate in a lessons learned discussion on providing housing options to the unhoused along creeks.	07/03/23		

Valley Water

MEMORANDUM

FC 14 (08-21-19)

TO: Board of Directors

FROM: Aaron Baker, P.E.
Chief Operating Officer,
Water Utility Enterprise

SUBJECT: Use of Permanente Quarry for Water Storage

DATE: July 10, 2023

Valley Water conducted a reconnaissance-level study (Study) on the potential use the Permanente Quarry (Quarry) as a raw water storage facility or for flood risk reduction (Attachment 1). The privately owned Quarry is a limestone and aggregate mining operation containing over 900 acres, which has the potential of storing up to 14,000 acre-feet of water. According to state records, mining began in the early 1900s. Lehigh Cement Plant and Permanente Quarry operate under several permits issued by the County of Santa Clara, and other local, state and federal agencies. This includes the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), which issued a Cease and Desist Order to the Lehigh Southwest Cement Company due to excessive concentrations of selenium along Permanente Creek.

The Study looked at using the Quarry as a water storage facility for imported water from the Stevens Creek raw water pipeline, water captured in Stevens Creek Reservoir, or from a new diversion on Permanente Creek. Numerous feasibility challenges with Valley Water's use of the Quarry for water storage were identified, including the high cost, structural stability of the Quarry, potential contamination of stored water, integrating the Quarry into Valley Water's raw water distribution system, potential land use issues, and impacts to sensitive species.

The Quarry could provide a small amount of runoff retention for flood risk reduction, but this could easily be accommodated on the site even if it is re-developed.

Staff presented the Study to the Water Storage Exploratory Committee on March 29, 2023, with a conclusion that the benefits to water supply and flood risk reduction from using the Quarry are insufficient given the considerable challenges and costs to warrant further analysis. The Committee concurred that raw water storage is not a viable option at the Quarry, and took no further action.

DocuSigned by:
Aaron Baker
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Aaron Baker, P.E.
Chief Operating Officer
Water Utility Enterprise

Attachment: Permanente Quarry Summary Report

cc: M. Richardson
B. Yerapotu
J. Bourgeois
G. Wililams
V. Gin

Technical Memorandum

To: Santa Clara Valley Water District
From: GEI Consultants
cc:
Date: June 6, 2022
Re: Reconnaissance-Level Study of Permanente (Lehigh) Quarry Site – Summary Report
GEI Project No. 1906330

1 Introduction

At the request of Santa Clara Valley Water District (Valley Water), GEI Consultants, Inc. (GEI) was contracted to perform a reconnaissance-level desktop assessment of the Permanente Quarry (Quarry) site with respect to its ability to serve as a future raw water storage facility (or reservoir). Four individual Technical Memoranda (TM) were prepared, focusing on specific issues of this project, including:

- TM1: Hydrogeologic Setting and Water Quality
- TM2: Existing Conditions, Potential Environmental Issues, and Regulatory Requirements
- TM3: Hydrologic Setting and Flood Conditions
- TM4: Existing Valley Water Infrastructure and Water Supply Availability

GEI staff met with Valley Water staff to review annotated outlines of each of these TMs to identify additional data and information that could support the study. The TMs were updated to reflect the information needed to support this study. This report summarizes the information included in the TMs, provides conclusions regarding the project feasibility, and identifies next steps.

1.1 Valley Water

Valley Water is an independent special district/local agency that provides wholesale water supply, groundwater management, flood protection, and stream stewardship. Its service area includes all of Santa Clara County, which is located at the southern end of San Francisco Bay. The county encompasses approximately 1,300 square miles and has a population of about 1.9 million (Valley Water, 2019). Long-term average water use in Santa Clara County is approximately 310,000 acre-feet per year (AFY) (Valley Water, 2022). This water is used for domestic, municipal, commercial, industrial, institutional, and agricultural purposes (Valley Water, 2019).

The Quarry is located in Santa Clara County west of the city of Cupertino in the foothills west of Stevens Creek Boulevard. The Quarry is also adjacent to Permanente Creek (Valley Water, 2019 Permanente Quarry). The Quarry consists of an approximately 630-acre operations area within an approximately 3,500-acre parcel owned by Lehigh Southwest Cement Company (Lehigh). The Quarry produces cement-grade limestone and construction aggregates. Lehigh manages the site and will reclaim the site by approximately 2030 in accordance with the *Reclamation Plan Amendment for Permanente Quarry*

(Reclamation Plan) (Santa Clara County, 2011). Valley Water is evaluating the potential for converting the Quarry into a raw water reservoir (proposed project or project). As part of this project, Valley Water would be changing the future use of the Quarry from the current 2012 Reclamation Plan Amendment and instead develop the facilities necessary to use the Quarry as a reservoir to store and deliver raw water.

2 Background Information

2.1 Local Geologic and Hydrogeologic Setting

The Quarry is underlain by highly deformed and faulted rocks of the Franciscan Assemblage. The eastern portion of the Quarry, including portions of the cement plant and the East Materials Storage Area, are underlain by rocks of the Santa Clara Formation. On the eastern edge of the property modern alluvial deposits associated with Permanente Creek overly these formations.

The Quarry is located approximately two miles east-northeast of the San Andreas fault zone which is capable of a Richter Magnitude 8 earthquake. The Sargent Berrocal Fault Zone (SBFZ), part of the Santa Cruz Mountains front-range thrust fault system, parallels the San Andreas to the east and forms the eastern-most structural boundary of the area. Near the Site, the SBFZ consists of two northwest-trending, sub-parallel faults, the Monta Vista Fault Zone on the northeast and the Berrocal Fault Zone on the southwest (SFBRWQCB, 2018). t. This seismically active area experiences earthquakes that may result in landslides. Several large landslide deposits have been mapped by various investigators along the slopes flanking the Quarry. A recent landslide occurred in the crest of the north slope of the Quarry in January 2001 (Golder, 2011). The potential for landslides in the reservoir generating a tsunami will need to be considered in the design and operation of the reservoir.

Permanente Creek is located on the south side of the Quarry and is approximately 50 to 100 feet below the Quarry pit rim. The creek is separated from the Quarry by a natural ridge that may act as a natural dam. Additional studies will need to be conducted to evaluate the effectiveness of the ridge to perform as a dam and may determine the operating water surface elevation in the Quarry.

Limited amounts of groundwater occur in the fractured bedrock around the Quarry, however, the occurrence of groundwater within the Franciscan Assemblage is almost exclusively within secondary openings such as joints, fractures, shear zones, and faults, in contrast to primary porosity or pore spaces within the rock. Because of the limited amount of storage capacity and the relatively low permeability, the Franciscan Assemblage is considered by the Department of Water Resources (DWR) to be non-water bearing with respect to production of usable quantities of water.

The Santa Clara sub-basin (2-9.02) of the Santa Clara Valley Groundwater Basin (2-009.02) lies east of the Quarry. The western boundary of the Santa Clara Valley Groundwater Basin is generally considered to be the contact of the alluvial valley deposits with the consolidated bedrock formations in the Sant Cruz Mountains. The contact between the alluvial valley and the bedrock formations is the Monta Vista Fault Zone, which may limit hydraulic communication between the bedrock and alluvium.

2.2 Land Use and Environmental Conditions

The majority of the Lehigh property and area containing the Quarry basin is zoned as Hillside (HS)– Design Review Combining District, Santa Clara Valley Viewshed (d1) by Santa Clara County. This designation does not explicitly include reservoirs or similar infrastructure facilities. The Lehigh property contains the Kaiser Permanente Quarry Mining District, which is eligible for listing in the California Register and considered an historical resource. The 2012 Reclamation Plan Amendment ensures the

Quarry is compliant with State and local mining laws and includes backfilling the Quarry basin (where the reservoir would be located) by approximately 2030 with 60 million short tons of overburden rock currently stored onsite. With implementation of the reclamation plan, existing emissions of air pollutants and greenhouse gases and noise generation associated with mining activities would cease and fuel tanks and other hazardous materials containers would be hauled offsite.

Permanente Creek extends along the southern limits of the Quarry operations area and then flows to the north around the east end of the Quarry, eventually discharging into San Francisco Bay. Stevens Creek Reservoir is located nearby to the southeast of the Lehigh property and discharges to Stevens Creek, which also flows north to San Francisco Bay. The Lehigh property contains a variety of habitat and land cover types, including oak woodlands, riparian areas, and wetlands associated with Permanente Creek. California red-legged frog (Rana draytonii), a federal and state protected species, have been documented on the Lehigh property, and Permanente Creek near the Quarry provides aquatic habitat for this species. No habitat for special-status plants has been observed on the Lehigh property during past surveys. The present-day hydrology of the Permanente Creek watershed does not support anadromous fish. Stevens Creek contains Central California Coastal steelhead (Oncorhynchus mykiss irideus). Other special-status species including birds, bats, and mammals have the potential to inhabit the Lehigh property.

2.3 Water Quality Setting

Permanente Creek and Stevens Creek are on the 303(d) list of impaired waterbodies due to selenium, diazinon, toxicity, and trash (SWRCB, 2018). Prior to 2014, surface water quality sampling along Permanente Creek showed selenium concentrations above the benchmark established by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Basin Plan (CRWQCB, 2015). As a result, SFBRWQCB issued Cease and Desist Order No. R2-2014-0011 (later amended through Order No. R2-2017-0030) to Lehigh southwest cement company, which required treatment of effluent discharges into Permanente Creek to comply with required concentrations of selenium. In accordance with the order, an Interim Treatment System (ITS) began treating stormwater in the fall of 2014 to mitigate contaminant exceedances in water draining into Permanente Creek (Golder Associates, 2015). Results of weekly influent and effluent sampling for the constituents of concern are as follows:

- Selenium influent ranged from 40 to 97 µg/L, with an average concentration at 61 µg/L. After treatment, effluent concentrations averaged 5.1 µg/L. Sample results marginally met the benchmark value of 5; however, concentrations were below the maximum daily effluent limit (MDEL) of 8.2 µg/L stated in the NDPES permit.

- Nickel was also addressed in Golder's memorandum because approximately 67 percent was removed by the ITS. Influent concentrations averaged 67 and peaked at 110 µg/L. Effluent concentrations were 18 µg/L, which is well below the established benchmark of 82 µg/L.

- Hexavalent chromium, mercury, and settleable solids were also tested. Only negligible concentrations were detected in the influent.

To better understand the selenium exceedances, Golder conducted sampling during the 2016/17 wet season to investigate where the greatest selenium concentrations occur and develop a stormwater management plan. Results of the sampling program indicate that elevated selenium (concentrations greater than the National Toxics Rule criteria of 5 µg/L) is predominately found in the Eastern Material Storage Area and the swale that drains stormwater to Permanente Creek. Runoff and/or sheet flow samples collected from the slopes of the Quarry were generally less than 5 µg/L.

As of 2019, Lehigh installed the Final Treatment System to treat all facility discharges to remain in compliance with NDPES Permit No. CA0030210. Waste Order No. R2-2019-0024, adopted by SFBRWQCB on July 10, 2019, indicated that water quality conditions were in full compliance by October 1, 2017. As a result, the Cease-and-Desist Order was rescinded.

The Valley Water Urban Runoff Pollution Prevention Program performed water quality sampling from 2012 to 2021 along Stevens Creek. The average concentrations of the constituents measured such as salinity, pH, DO, and ammonia generally met benchmarks identified in the Basin Plan (CRWQCB, 2015), but measurements of inorganic parameters, such as metals, were not analyzed.

In addition to the Pollution Prevention Program samples, water quality testing was conducted on stormwater runoff and groundwater monitoring wells surrounding the Quarry. Groundwater samples from monitoring wells surrounding the Quarry show elevated concentrations of TDS (predominately sulfate), iron, manganese, and molybdenum. These constituents are commonly found in bedrock formations, particularly in stagnant groundwater samples.

2.4 Hydrologic Setting and Flood Protection

Permanente Creek watershed consists of 17.5 square miles of land with a main channel of 13 miles in length and discharges into the southern San Francisco Bay (South Bay) (Santa Clara County, 2011). The mean annual precipitation of the Permanente watershed ranges from 21 inches to 35 inches. The drainage area on Permanente Creek upstream of the West Branch Permanente Creek is 3.65 square miles. The design discharges are 757 cubic feet per second (cfs) for a 10-year flood event (with a 10% exceedance probability) and 1,350 cfs for a 100-year flood event (with a 1% exceedance probability) (Schaaf & Wheeler, 2016).

Stevens Creek watershed includes the Stevens Creek Reservoir and Stevens Creek, which runs easterly to Stevens Creek Reservoir, then northerly downstream of the reservoir to the South Bay. The drainage area of Stevens Creek upstream of the Reservoir is 17.26 square miles. Mean annual precipitation ranges from 29 inches to 41 inches. Calculated design peak flows found a 10-year flood event flow of 3,000 cfs and a 100-year flood event flow of 5,500 cfs (Valley Water, 2007).

Currently, there are no flood control structures upstream of Permanente Quarry. However, modifications were constructed on the Permanente Creek flood channel as of December 2018. Additional improvements were made to the Permanente Creek Diversion Channel into lower Stevens Creek to provide additional flood protection. The Rancho San Antonio County Park off-stream flood detention facility provides storage of 75 acre-feet to divert high flows from Permanente Creek to reduce flood risk (Schaaf & Wheeler, 2016). Additional information on the hydrologic setting and flood protection are included in Technical Memorandum No. 3- Hydrologic Setting and Flood Conditions.

3 Project Assumptions

While there is a considerable amount of very specific information available to evaluate the Quarry project, numerous assumptions were made to prepare this reconnaissance-level feasibility study. The following assumptions represent some high-level considerations to simplify the analysis to meet the project schedule. These focus on what are believed to be the most relevant features of the project that may affect the feasibility of using the Quarry for raw water storage.

3.1 Use of Permanente Quarry for Raw Water Storage

The Quarry is being considered to provide raw water storage for Valley Water. There are currently other uses being considered by Santa Clara County. The following assumptions were used regarding the condition and state of the Quarry for this study.

- The Permanente Quarry will be reclaimed with or without Valley Water using the site as a reservoir, as required by the *2012 Reclamation Plan Amendment* approved by Santa Clara County; therefore, the baseline conditions should be updated to reclaimed Permanente Quarry. The raw water storage facility could store up to 14,000 acre-feet of water in the existing Quarry basin.

- Construction impacts are not likely related to project feasibility. Larger construction-related impacts/issues should be acknowledged, and it should be mentioned that these issues will need to be further evaluated.

3.2 Use of Stored Water

At this time, there is not a single intended use of the water stored in the Quarry. The intended use of the water stored may influence the duration of water stored in the Quarry.

- **Short-Term Storage**: One option may include using the quarry for short-term storage that would be exercised on a regular basis (annually). Under this option, the water would be stored in the quarry for a relatively short time, on the order of months to a few years.

- **Long-Term Storage**: One option may include using the quarry for long-term storage that would be exercised on an emergency basis to deliver the stored water to a treatment plant for potable uses by Valley Water customers. Under this option, the water may be stored in the quarry for a relatively long period of time, on the order of years. This option may result in greater degradation of water quality from being stored in the Quarry. Losses from seepage and evaporation would be greater than the short-term storage option.

One specific end use of water stored in the Quarry could be to offset deliveries to the Semitropic groundwater banking program. This approach would divert a portion of the Central Valley Project (CVP) and State Water Project (SWP) water through the Stevens Creek Pipeline (SCP), which would normally be diverted to Semitropic Groundwater Storage Bank (SGSB) in Kern County and store it locally instead. This would provide direct access to this water instead of relying on in-lieu replacement of water through the groundwater banking program. The Quarry would provide much less storage (about 14,000 acre-feet) than the storage capacity at the SGSB (350,000 acre-feet), so it would not be considered a replacement for the SGSB storage, but it could provide more direct access both physically and temporally to Valley Water.

3.3 Water Supply Availability

Three potential sources of surface water were identified as a source of supply for this study and are labelled a through c as described below.

(a) **Imported Water**: Water for storage in the Quarry may be provided from imported water from Valley Water's CVP or SWP contract supplies. The imported supplies would be conveyed to the Quarry from San Luis Reservoir and/or the South Bay Aqueduct through Valley Water's existing

infrastructure. The delivery of imported water to the Quarry through the SCP and would be based on the timing and available capacity of the Valley Water system.

(b) **Local Watershed Diversions:** Water for storage in the Quarry may be provided from local watersheds including the Permanente Creek watershed or Stevens Creek watershed. Either of these sources would require a new or changed water right. Local supplies would have to meet downstream flow requirements for water quality and environmental flows, so only water in excess of these flow requirements would be available for diversion to storage. This option would likely divert water to storage in the Quarry during high-flow events. The operations may include frequent short-duration diversions during the winter months when larger storms are likely. New water rights would be required for any diversions for either watershed.

(c) **Local Reservoirs**: Supplies from other Valley Water reservoirs connected to the SCP, namely Anderson and Calero reservoirs, may be another source of water for storing in the Quarry. This supply source would utilize the same facilities to deliver water to the Quarry as the SWP and CVP supplies.

4 Infrastructure Alternatives

Based on the project assumptions above, three alternatives were identified to provide raw water sources to the Quarry. The approximate alignments of pipelines are identified in Figure 1.

- **Alternative 1 – Stevens Creek Pipeline to Quarry.** Transfer of imported raw water from existing contracted entitlements for SWP or CVP [supply (a) Imported Water]. May also include raw water from Anderson and Calero reservoirs [Supply (c) Local Reservoirs] to supplement imported water. Water would be supplied to the new Quarry reservoir via a new pipeline and a pump station connecting to Valley Water's existing infrastructure through the SCP in Cupertino. The pipeline would be constructed in roadways to the extent possible. A tunnel may be used instead of a pipeline for a portion of the alignment on the Quarry property in lieu of a shallow excavation and installation of pipeline.
- **Alternative 2 – Stevens Creek Reservoir to Quarry.** Diversion of currently unallocated streamflow from Stevens Creek [Supply (b) Local Watershed Diversions] and transfer of water in Stevens Creek Reservoir (from new diversion) to the new Quarry reservoir. Conveyance of water from Stevens Creek Reservoir to the new Quarry reservoir via a new pipeline and pump station. A tunnel may be used instead of a pipeline for a portion of the alignment in lieu of a shallow excavation and installation of pipeline.
- **Alternative 3 – Permanente Creek Diversion to Quarry.** Optional diversion of new streamflow from Permanente Creek [Supply (b) Local Watershed Diversions]. This source could be used to supplement either Option 1 or 2 but would not provide a mechanism to get water back into Valley Water's conveyance facilities. A small diversion dam would be constructed on Permanente Creek to divert water into a pipeline that conveys water via gravity to the Quarry. Additional infrastructure would be needed for water to be returned to Valley Water's system. Infrastructure identified in alternative 1 or 2 may be included with this alternative.

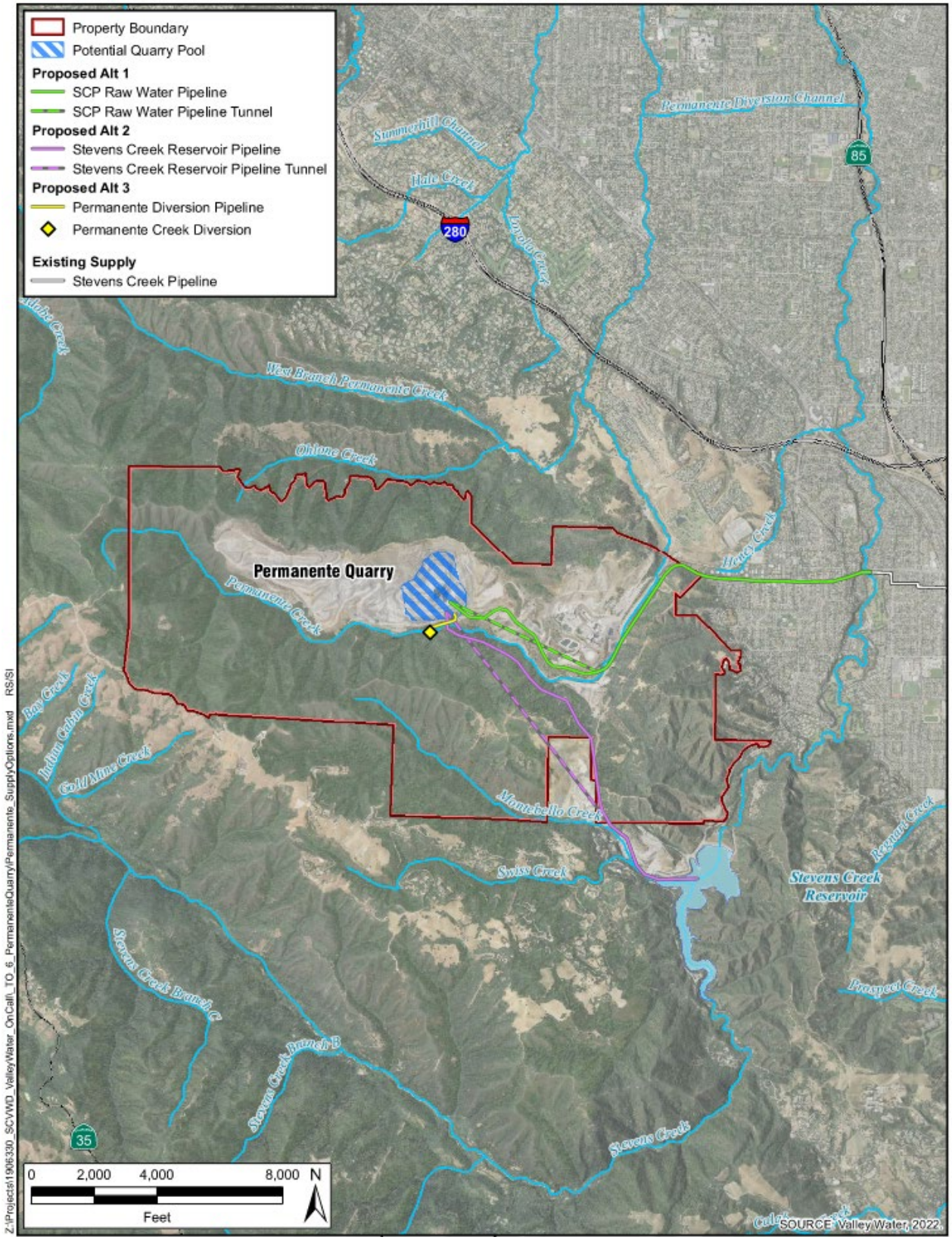

Figure 1: Water Supply Alternatives

4.1 Alternative Water Availability

Each of the above alternatives has different water sources, as noted, and different potential for providing water for storage in the Quarry. The average annual water available for each of these sources is described below.

- **Alternative 1–** Alternative 1 relies on SCP to convey water to the Quarry. Water supplies may be limited by either the capacity of the pipeline or the deliveries that could be provided to the pipeline. To determine an accurate estimate of the potential deliveries from SCP, additional system operations modeling would need to be run to calculate the potential deliveries from imported water sources [Supply (a) Imported Water] and Anderson and Calero reservoirs [Supply (c) Local Reservoirs]. For the purposes of this study, it will be assumed that raw water would be available at SCP at a flow rate of 20 cfs, for six months of the year, every three years. This calculates to approximately 2,400 acre-feet per year on average.

- **Alternative 2–** Alternative 2 leverages on any excess supplies not currently used on Stevens Creek [Supply (b) Local Watershed Diversions]. Stevens Creek currently operates under a pilot program based on the Fish and Aquatic Habitat Collaborative Effort settlement agreement, which requires minimum releases be made from Stevens Creek Reservoir based on time of year and storage in the reservoir. Valley Water also currently has an appropriative water right of 4,000 acre-feet, with a priority since 1931, for domestic and irrigation uses. The water right is put to beneficial use by storing water in Stevens Creek Reservoir, which has a total capacity of approximately 3,000 acre-feet, and by releasing it to the Stevens Creek for managed groundwater recharge. This alternative would require a new appropriative water right be acquired for Stevens Creek or modifying the existing water right by increasing its licensed amount and adding a new diversion point.

- **Alternative 3–** Alternative 3 leverages runoff from the relatively small 2.2 square mile Permanente Creek watershed [Supply (b) Local Watershed Diversions] upstream of the Quarry. The runoff at the Quarry was estimated using Natural Resources Conservation Service (NRCS) National Engineering Handbook SCS runoff equation and leveraging precipitation data from Valley Water precipitation gages. The average annual runoff in Permanente Creek upstream of the Quarry was estimated at 1,040 acre-feet. However, as noted earlier, Permanente Creek includes red-legged frog habitat, so additional analysis may be required to determine what, if any, flows need to be maintained to sustain that habitat.

4.2 Quarry Water End Use

As noted in Section 3.2, there is not a clear end use of the water stored in the Quarry at this time. This study assumes all alternatives provide a mechanism to convey water to SCP, which, with some potential modifications, could be pumped backward through the system to the Rinconada Treatment Plant or released into McClellen Percolation Ponds, Stevens Creek, and other creeks in the West Valley for groundwater recharge. The total annual groundwater recharge capacity of these recharge facilities totals about 15,200 AFY. The modifications required to reverse flow water through SCP will need to be studied to determine the specific infrastructure and operations requirements. Other end use options may be considered in future studies.

4.3 Alternative Infrastructure Requirements

This section identifies the major infrastructure requirements to convey water to the Quarry and tie the Quarry to the rest of Valley Water's conveyance system. Infrastructure requirements will be sized based on water supply availability and timing.

- **Alternative 1 – Stevens Creek Pipeline to Quarry:** To implement Alternative 1, the SCP will be extended to the Quarry. The same pipeline will be used to return water stored in the Quarry to the SCP. The static head at the Quarry is greater than 450 feet above the operating pressure of the existing SCP; therefore, a booster pump station is required to lift water to the quarry. A pump station at the Quarry is required to return flows to the SCP.

    - Pipelines: Approximately three miles of 24-inch steel pipeline will be installed from the existing turnout at Stevens Creek to the Quarry using an open trench method. This alignment requires that water is pumped above the Quarry rim. The 5,000 feet of the pipeline nearest to the Quarry could alternatively be installed in a tunnel. This would reduce the energy cost to pump water to the Quarry and enable the return flow to the SCP to take advantage of the reservoir head and reduce the pump station size at the Quarry when returning flow to the SCP.

    - Pump Stations: The operating pressure at the SCP should enable the booster pump station to be located beyond the residential area approximately one mile west of the current Stevens Creek turnout. A second pump station at the Quarry may be necessary to return water to the SCP depending on the minimum pool level to be maintained at the Quarry. The sizing of the potential pump stations considered the static head and pipe friction headlosses and minor (form) headlosses. Each pump station will require multiple pumps with electric motors in the range of 500 to 700 horsepower. For this study, we anticipated each pump station will consist of three (3) pumps.

    - Pressure Reducing Station: The return of flow to the SCP may create operating pressures greater than the operating pressure at the SCP turnout. Therefore, a pressure reducing station will be required.

    - Potential additional infrastructure to facilitate reverse flows: Additional check valves, gate valves, and surge pressure relief valves to protect the pipeline from hydraulic transients (water hammer) should be anticipated.

    - Other: The above requirements apply to use of Supply (a) Imported Water (from the SWP or CVP) only. Additional facility analysis should be conducted to determine if there are any additional infrastructure requirements for use of Supply (c) Local Reservoirs.

- **Alternative 2 – Stevens Creek Reservoir to Quarry:** To implement Alternative 2, a new pipeline will have to be constructed from the Stevens Creek Reservoir to the Quarry. The same pipeline will be used to return water stored in the Quarry to the Stevens Creek Reservoir. The static head at the Quarry is 480 feet greater than the reservoir. for this study, the delivery of water from the reservoir to the SCP is assumed to be accomplished with installation of a diversion off Stevens Creek at the SCP and installation of a pumpstation.

    - Pipelines: Approximately 2.5 miles of 24-inch steel pipeline will be installed from the Stevens Creek Reservoir to the Quarry using an open trench method. This alignment

requires that water is pumped above the Quarry rim. The 8,000 feet of pipeline nearest to the Quarry could be installed in a tunnel. This would reduce the energy cost to pump water to the Quarry and enable gravity return flow to Stevens Creek Reservoir.

- Pump Stations: A new pump station at Stevens Creek Reservoir will need to be constructed to deliver the available flows to the Quarry. A second pump station at the Quarry may be necessary to return water to the Stevens Creek Reservoir depending on the minimum pool level maintained at the Quarry. The sizing of the pump stations considered the static head and pipe friction and minor (form) headlosses. Each pump station will require multiple pumps with electric motors in the range of 500 to 700 horsepower. For this study we anticipated each pump station would consist of three (3) pumps.

- Potential additional infrastructure to facilitate reverse flows: Additional check valves, gate valves, and surge pressure relief valves to protect the pipeline from hydraulic transients (water hammer) should be anticipated.

- **Alternative 3 – Permanente Creek Diversion to Quarry:** Alternative 3 would divert water from Permanente Creek into the Quarry. Permanente Creek appears to be 50 to 100+ feet below the Quarry rim. A new diversion dam can be constructed across the creek to divert flow by gravity into the Quarry. The diverted water would not be returned to Permanente Creek but could be utilized as discussed in alternatives 1 and 2. The diversion dam height will enable the crest to be overtopped during large storm events.

  - Permanente Creek Diversion Dam: The dam can be earthen or a concrete weir structure to enable flow to be redirected into the Quarry. The height of the dam would be established to ensure required diversion flows, while minimizing the potential for inducing downstream flooding during high flows. The earthen dam would be hard-faced with reinforced concrete to allow overtopping of the dam during high flows. A small-diameter pipe could be installed to provide a minimum creek flow if needed for mitigation. If Alternative 3 is carried forward, an alternate design consideration could be installation of an inflatable rubber dam which could be lowered to allow flows in Permanente Creek to bypass the diversion if the Quarry were at full capacity.

  - Diversion off Permanente Creek: Water would be diverted into the Quarry in a 48-inch reinforced concrete pipe. The Quarry rim could be excavated to the proper elevation and backfilled to install the RCP, or the RCP could be run downstream to tie into a lower point on the Quarry rim. A reinforced concrete intake structure and outlet structure, including a coarse trash rack to mitigate animal or human access into the pipeline, would be constructed. The diversion pipe and dam will be located where the depth of the creek below the quarry road is least, to minimize the excavation depths for the diversion pipe.

  - Potential additional infrastructure to facilitate reverse flows: Additional infrastructure does not appear necessary, but this alternative does not provide a mechanism for water to be returned to Valley Water's existing infrastructure. Alternative 3 could complement Alternative 1 or Alternative 2.

4.4 Alternative Capital Cost Estimates

Reconnaissance-level (Class 5) cost estimates were developed for each of the above alternatives based on similar projects, standard cost estimating resources, and engineering judgement. For alternatives 1 and 2, the lower cost estimate represents construction of the conveyance pipeline using traditional trenching and installation while the larger value represents the estimate for boring a tunnel into the Quarry.

Table 1. Permanente Quarry Capital Cost Summary

Alternative	Amount
Alternative 1 - Stevens Creek Pipeline to Quarry	$19 to $31 Million
Alternative 2 - Stevens Creek Reservoir to Quarry	$17 to $40 Million
Alternative 3 - Permanente Creek Diversion to Quarry	$1.8 Million

It is important to note that the costs identified above only address physical infrastructure costs and do not include the following additional costs, which could be fairly significant. Future studies should look at including these costs in future estimates. These costs could include:

- Site acquisition for the Quarry
- Right of way acquisition
- Other modifications to Valley Water infrastructure
- Purchase cost of imported water (Only applicable to Alternative 1)
- Operations and maintenance
- Conveyance energy costs (pumping)
- Potential costs of grouting joints and fissures in the Quarry
- Potential costs of slope stabilization in the Quarry
- Potential costs of treatment of water stored in the Quarry
- Permitting and/or mitigation
- Remediation costs
- Water loss due to evaporation and other conveyance losses

5 Project Feasibility Challenges

There are multiple criteria that need to be considered in evaluating the feasibility of using the Quarry for storage for this project. Some criteria may be of greater consequence to the overall project feasibility, and some are alternative-specific. A summary of these challenges is included in Table 2 below, and key changes are discussed in further detail in this section.

Table 2: Project Feasibility Challenges

Potential Impact	Quarry Use Feasibility Consideration	Alternative-Specific Feasibility Considerations	Feasibility Implications (Consequence)		
			High	Medium	Low
Change Mine Reclamation Plan	X		X		
Change in Lehigh Property Zoning	X		X		
Changes in Existing Water Rights		X		X	
Water Supply Availability		X	X		
Facilities and Operations		X		X	
End Use of Water		X		X	
Quarry Hydrogeologic Considerations	X				X
Source Water Quality		X			X
Stored Water Quality - RWQCB Water Quality Objectives	X	X	X		
Stored Water Quality – Public Health Standards	X		X		
California Red-Legged Frog		X		X	
In-Stream Flows and New Water Rights		X	X		
Other Environmental and Regulatory Factors	X	X		X	
Local Hydrologic Conditions	X				X
Project Costs	X	X	X		

Legend:

Potential issue that is regularly dealt with or can be easily evaluated or resolved
Potentially significant issue that does not affect project feasibility but could be challenging, costly, or affect the scope of the alternative
Critical issue that could result in the alternative being infeasible

5.1 Land Use Changes – All Alternatives

The reservoir project may not be compatible with the current HS-d1 zoning designation for the Lehigh property. If the project is not allowed within the HS-d1 designation, Valley Water can apply for a Conditional Use Permit with the Planning Commission. Since this is a discretionary permit, Santa Clara County would require CEQA documentation of potential project impacts and could decline to issue a permit. Therefore, obtaining this permit is a feasibility requirement of the project.

If the Quarry was used as a reservoir after ceasing mining operations, the Quarry basin could not be backfilled and reclaimed according to the approved 2012 Reclamation Plan Amendment. Therefore, the reservoir project requires Santa Clara County to amend the currently approved reclamation plans for the Quarry basin. It is not currently known if there are significant issues that preclude Santa Clara County from amending the reclamation plan without backfilling the basin, or if actions other than backfilling would need to be taken to reclaim the Quarry basin consistent with applicable mining laws. The project would be infeasible if the 2012 Reclamation Plan Amendment cannot be changed to remove backfilling of the Quarry basin, or this reclamation activity revised to otherwise make the Quarry basin suitable for a

reservoir at the capacity desired by Valley Water. Since the 2012 Reclamation Plan Amendment requires backfilling the Quarry basin by approximately 2030, there is also a timeline constraint as any changes to this plan would need to be approved prior to reclamation.

5.2 Stored Water Quality – All Alternatives

The SFBRWQCB Basin Plan includes water quality objectives that are intended to be protective of the identified beneficial uses for waterbodies; the beneficial use designation and the accompanying water quality objectives collectively define the water quality standards for a given waterbody or region. The Basin Plan contains water quality objectives including for specific chemical constituents, municipal and agricultural water supplies, and groundwater. All waters shall be maintained free of toxic substances in concentrations that are lethal to aquatic organisms or that produce other detrimental responses.

The project would not result in discharges of reservoir water to Permanente Creek. Under Alternative 1, the reservoir may not be waters of the U.S./State regulated by the RWQCB; however, this determination may depend on ultimate end uses of the water supplied by the reservoir. If water is ultimately used for groundwater recharge, applicable groundwater quality standards would need to be met. Under Alternative 2, the quality of water in the reservoir would need to meet water quality objectives related to beneficial uses, including those specified for Stevens Creek Reservoir, Stevens Creek, groundwater, and municipal water supplies.

Based on the SFRWQCB Cease-and-Desists Order, and various water quality studies conducted at the Quarry, constituents of concern include selenium, nickel, total dissolved solids (primarily sulfate), iron, and manganese. Elevated selenium concentrations have occurred in the past from overburden removed from the Quarry and stored onsite and from native soils (similar to the removed overburden) in the swale that discharges to Permanente Creek.

Samples collected from the limestone sediments within the Quarry have less than 5 µg /L of selenium (which is also the current four-day average limitation for selenium in the National Toxics Rule cited by the Basin Plan). Other metals like hexavalent chromium and mercury were detected in negligible concentrations at the ITS influent. Nickel was detected in moderate concentrations, but the average was approximately one-half the basin threshold. These trace metals may also be leaching from overburden but were not tested at various sites like selenium.

Samples collected from water pooled in the Quarry indicate total dissolved solids, iron, and manganese may leach into the stored water. With the relatively small volume of water tested, these constituents are slightly higher than their respective Secondary Maximum Contaminant Level (MCLs). Further evaluation is needed to fully understand potential degradation. Reclamation of the Quarry and other potential constituents of concern, such as algal toxins, should also be considered in further analysis.

If reservoir water quality is anticipated to exceed and violate applicable public health and/or RWQCB water quality objectives and cannot be mitigated onsite below these levels, the project/alternative would be considered infeasible.

5.3 New Water Rights and In-Stream Flow Requirements – Alternatives 2 and 3

Stevens Creek contains Central California Coastal steelhead and reductions in streamflow could impact habitat and migration. Existing diversions from Stevens Creek are subject to the requirements of Valley Water's Fish and Aquatic Habitat Collaborative Effort. New water rights under Alternative 2 would be subject to maintaining the same levels of instream flows to protect steelhead. Water stored in the Quarry reservoir would ultimately be conveyed back to Stevens Creek Reservoir and released downstream,

resulting in additional changes to the existing hydrograph of Stevens Creek. While this could result in periods of increased instream flows compared to existing conditions, further study is required to identify potential impacts to steelhead and other special-status species and desired flow levels during periods of the year when releases may occur.

Since the present-day hydrology of the Permanente Creek watershed does not support anadromous fish, it is not anticipated that diversion of Permanente Creek flows would need to consider instream flows for anadromous fish. However, the California red-legged frog and potentially other special-status amphibians are present in Permanente Creek, and aquatic habitat for these species could be permanently impacted due to reduced streamflow from new diversions under Alternative 3.

Potential effects to special-status species from stream diversions would be reduced by limiting diversions to flows during larger storm events. However, if insufficient flow is available after in-stream flow requirements, Alternative 2 and/or 3 could be infeasible.

5.4 Project Alternative Costs – All Alternatives

Ultimately, the cost of project infrastructure, property, and operations and maintenance can make a project economically infeasible. This study focused on approximating the major infrastructure requirements and determining the capital costs of these improvements. Additional expenses include acquisition of the Quarry site, operations and maintenance, and any mitigation measures. These will need to be considered to determine the overall cost of water that could be stored in the Quarry to augment Valley Water supplies.

6 Conclusions and Recommendations

6.1 Conclusions

Below is a summary of the conclusions presented in the four Reconnaissance-Level Study of Permanente (Lehigh) Quarry Site Technical Memoranda.

6.1.1 Conclusions from TM1: Hydrogeologic Setting and Water Quality

TM1 described the existing hydrogeologic setting and water quality conditions to inform Valley Water of issues that could make the project infeasible, require further analysis to understand, or be costly.

TM1 described the Quarry as located within the Franciscan Assemblage consisting of metamorphose sediments. Groundwater stored within the joints and fractures of the Franciscan Assemblage is considered by DWR to be non-water bearing with respect to production of usable quantities of water. The Quarry is located in a seismically active area that is subject to earthquakes. Because the reservoir would be located within the Quarry pit it is the seismic activity is not expected to determine the overall project feasibility, but the Quarry has a history of landslides that may affect project design and operations. Additional studies could be undertaken to better understand the roll of the joint and fracture system in groundwater flow and identify the need for grouting. Additionally, more information may be needed to evaluate the need for slope stabilization activities to reduce the threat from landslides into the reservoir.

TM1 synthesized the available water quality information to serve as a feasibility level assessment of the Quarry in the context of Valley Water's proposal to use the Quarry to store raw water. While there is a considerable amount of data available, reports that were referenced for this study were prepared for the purpose of demonstrating compliance with waste discharge permitting requirements. Use of these studies

relied on data interpretations and conclusions relevant to the purpose of the study and applied to Valley Water's proposed use of the quarry.

6.1.2 Conclusions from TM2: Existing Conditions, Potential Environmental Issues, and Regulatory Requirements

TM2 describes how the feasibility of developing a reservoir project at the Quarry depends on amending the *2012 Reclamation Plan Amendment* to change plans for backfilling the Quarry and potentially discretionary approval from the County for a Use Permit or zoning amendment to develop a reservoir at the Quarry. In addition, instream flow requirements need to be considered in state water rights for new diversions of water on Permanente Creek for CRLF and on Stevens Creek for steelhead. The reservoir project, including development and operation of the reservoir and associated infrastructure, would result in a range of environmental impacts, including to water quality, biological resources and especially CRLF, cultural resources and especially the Kaiser Permanente Quarry Mining District, noise generation, energy use, and greenhouse gas emissions, among others. With further site-specific study, there may be opportunities to avoid or reduce impacts to some of these resources during project planning and design. The project would also require several permits from federal, state, and local regulatory agencies and compliance with the California Environmental Quality Act and possibly the National Environmental Policy Act, if federal approvals are required or funding is provided (refer to TM 2 for more details on regulatory approvals).

6.1.3 Conclusions from TM3: Hydrologic Setting and Flood Conditions

TM 3 presents the hydrologic setting for the Permanente and Stevens Creek watersheds and describes the existing and potential flood risk associated with the project. The use of the Quarry for storage of raw water is anticipated to have limited effect on the downstream flood risk. The Quarry is off-stream and would thus have limited uncontrolled runoff into the Quarry and is anticipated to have sufficient freeboard to accommodate the limited water entering the Quarry during a precipitation event.

6.1.4 Conclusions from TM4: Existing Valley Water Infrastructure and Water Supply Availability

TM4 presented an assessment of the existing infrastructure and sources of water that could potentially be leveraged in utilizing the Quarry as a raw water storage reservoir. Based on this assessment, three sources were identified including (a) Imported Water, (b) Local Watershed Diversions, and (c) Local Reservoirs. From these sources, three different alternatives were defined which could be constructed to convey water to the Quarry. These alternatives include:

- Alternative 1 – Stevens Creek Pipeline to Quarry
- Alternative 2 – Stevens Creek Reservoir to Quarry
- Alternative 3 – Permanente Creek Diversion to Quarry

The potential water supplies for each of these alternatives was estimated using readily available data and information. It should be noted that none of these alternatives are estimated to be able to regularly fill the Quarry, and it would take multiple normal years to fill. Additionally, there are minor losses and environmental flow considerations which need to be refined to provide more accurate estimates of the water available for storage.

A high-level assessment of the infrastructure requirements was developed for each of the alternatives. Based on these infrastructure requirements, reconnaissance level cost estimates were developed, but

additional work is needed to define project costs which are not directly related to the infrastructure elements.

6.2 Recommendations on Further Considerations for this Project

- Additional studies could be undertaken to better understand the roll of the joint and fracture system in groundwater flow and identify the need for grouting. Additionally, more information may be needed to evaluate the need for slope stabilization activities to reduce the threat from landslides into the reservoir.

- GEI recommends conducting a comprehensive analysis of the sample methods and results to evaluate the water quality data strictly for the perspective of the proposed future use to accurately characterize impacts of using the Quarry as a storage reservoir.

- GEI recommends an independent review of sample results and water quality characterization based on analysis of sample methods (i.e., stormwater sampling, wall scouring then sampling, sampling stagnant pond water, etc.), then applying the data interpretations to Valley Water's proposed use of the Quarry.

- There are monitoring wells onsite to detect potential contaminant migration. The Operations, Maintenance and Contingency Plan are used to address contaminant leaching so GEI suggests making a public records request to the SFRWQCB, for items such as lab reports. A subsequent phase of this feasibility study could be conducted to evaluate if stored water would seep into the groundwater and potentially mobilize contaminants from buried wastes.

- Further evaluation of water quality, including, but not limited to, source water quality for Alternatives 1 through 3, stormwater quality, Quarry basin geology and soils, presence of historic contamination in the Quarry basin, approaches to Quarry basin reclamation (in lieu of filling the basin), and effects of dilution from water storage, among others. Modeling project water quality would help clarify if applicable public health and RWQCB water quality objectives may be exceeded by the project.

- If local water supplies from either Permanente Creek or Stevens Creek are used as the supply for the Quarry, additional hydrologic modeling would be needed to determine the timing and refine the volume of supplies that might be available for storage in the Quarry.

- If imported water is used as the supply for the Quarry, Valley Water would then have to decide how to balance their available supplies in the Quarry compared to storage in San Luis Reservoir. This may require hydraulic modeling of the Valley Water conveyance system to identify the timing and available capacity to deliver water to the Quarry. This study may identify additional infrastructure not yet identified.

- In conjunction with the water supply modeling, a pipeline hydraulic model should be developed to refine and optimize the pipeline and pumpstation sizing to maximize water supplies.

- The end use of the water stored in the reservoir would need to be determined. Currently this study has identified several opportunities for the end use of the water but, to better refine the infrastructure requirements, an end use will need to be determined.

- Coordination with Santa Clara County is needed to determine requirements and options for modifying the 2012 Reclamation Plan Amendment to eliminate backfilling of the Quarry basin and to determine if a zoning change and Conditional Use Permit are required for the project.

- Define the potential costs which are not currently quantified in this TM to better understand the total potential costs associated with the Quarry.

6.3 Response to Task Order Requests

Additional planning studies are necessary to further evaluate the technical and economic feasibility of using the Quarry as raw water storage. The additional information would be needed to refine the project purpose (use of the stored water) to evaluate the feasibility based on water supply availability, infrastructure and operational requirements, and impacts on water quality. There are additional environmental considerations and regulatory requirements that would also need to be addressed. The specific questions identified in the Task Order are summarized below.

- **Description of potential to utilize quarry site to store and distribute raw water.** This is the primary purpose of this summary report and four supporting TMs. This topic is covered from a wide variety of feasibility topics.
- **Rough determination of infrastructure needed including costs based on analysis of piping, pumps, and other required infrastructure.** Description of required infrastructure is included in Section 4, and further detailed in Technical Memorandum No. 4 – Existing Valley Water Infrastructure and Water Supply Availability.
- **Discussion of operational feasibility (including where to source water - would it come from local or imported water).** Description of water supply sources are covered in Section 3.3 and Section 4 and are further detailed in Technical Memorandum 4 – Existing Valley Water Infrastructure and Water Supply Availability.
- **Discussion of potential changes to current site hydrology benefits for flood protection (drainage pattern) and other potential flood benefits.** Descriptions of hydrology and flood protection are covered in Section 2.4 and further detailed in TM 3 – Hydrologic Setting and Flood Conditions.
- **Water quality risks, both for water supply use as well as environmental risk of continued water storage onsite.** Water quality risks are covered in Sections 2.3 and 5.2. This topic is also discussed in all the TMs covering water quality related to storage in the Quarry, the environment, and surface water quality.
- **Other potential benefits or risks (i.e., community issues/risks, geophysical risks).** This is discussed throughout this TM and the other four TMs.
- **Recommendations on further considerations for this project.** Recommendations are explicitly answered in Section 6.1.
- **Citations to all references and data used (all referenced reports and data to be compiled and delivered to Valley Water).** The references used to support this reconnaissance-level feasibility study are listed in Section 7 – References. They include numerous references provided by Valley Water and additional references and data identified by the project team. The references and data were reviewed by GEI staff and Valley Water staff through a series of four interviews focused on each of the draft TMs.

7 References

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Valley Water

TO:	Board of Directors	**FROM**:	Jennifer Codianne Deputy Operating Officer
SUBJECT:	List of Valley Water Land Rights That Could Potentially Be Used to Support the Unhoused Community	**DATE**:	July 20, 2023

The purpose of this memorandum is to provide the Board with a list of Valley Water land rights that could potentially be used to support the unhoused community (attached). This list has undergone several revisions as staff continues to update it based on Valley Water's land use needs. Iterations of the list have been shared with cities, the county, and various private developers at their request.

DocuSigned by:
Jennifer Codianne
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Jennifer Codianne
Deputy Operating Officer
Watersheds Operations & Maintenance Division

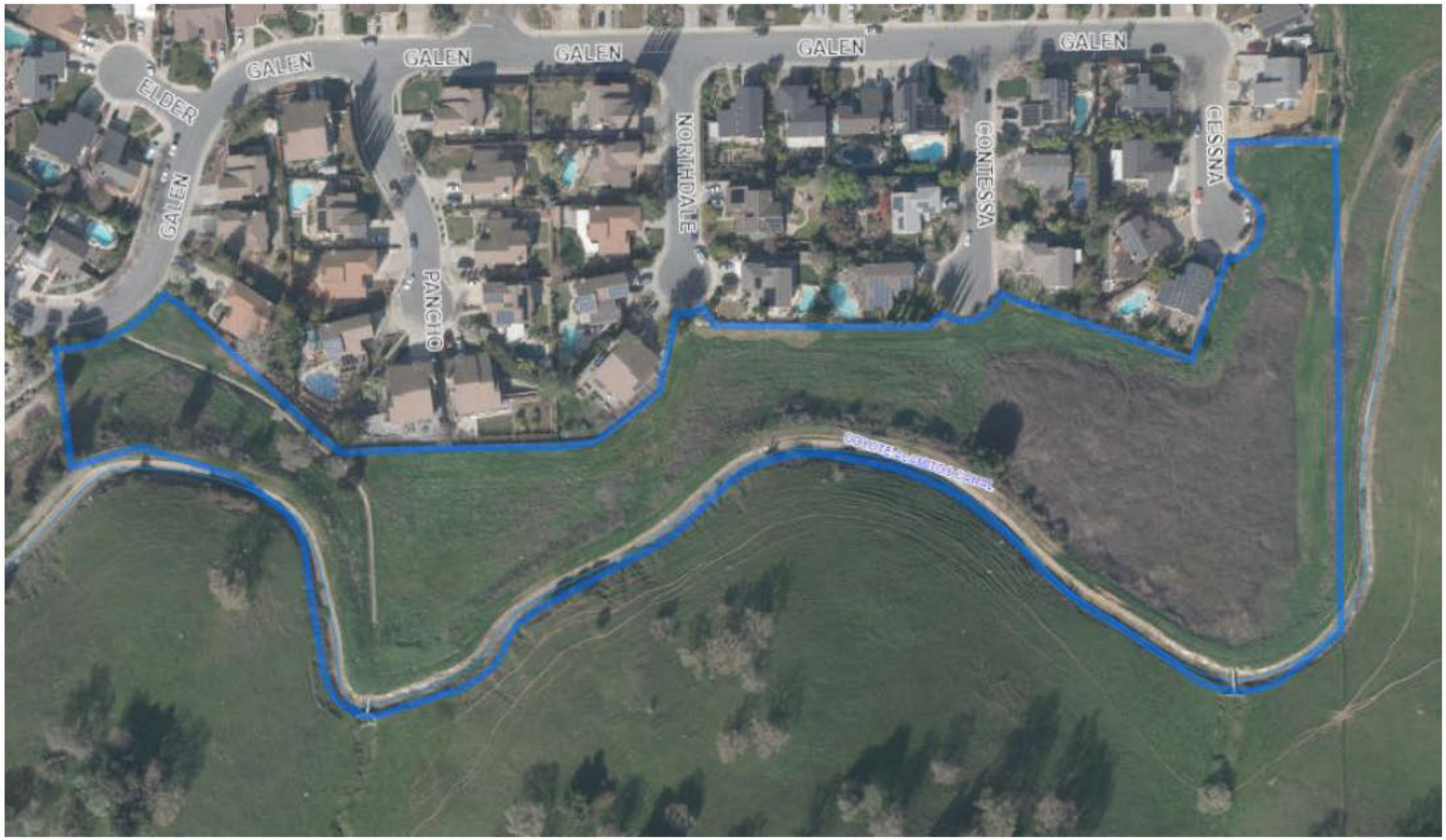
cc: Melanie Richardson, Chris Hakes, Rechelle Blank, Jessica Collins, Jeff Ham
MB
Valley Water Property (v6)

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
1	Portion of 254-29-023	Upper Pen U/S of Highway 280, San José	2.8 +/- acres	Yes	Open Space, Parklands and Habitat	Immediately surrounding the creek is Zone A, most of the parcel is Zone X (unshaded).	Not needed in near term - project is pending USACE funding.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
2	567-28-005	Almaden Valley Pipeline at Singletree Way, San José	3.12 +/- acres	Yes	Open Space, Parklands and Habitat	No, Zone D	PG&E easement and high voltage lines also on the property.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
3	567-30-016	Almaden Valley Pipeline Singletree Way, San José	2.92 +/- acres	Yes	Open Space, Parklands and Habitat	No, Zone D	PG&E easement and high voltage lines also on the property.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
4	689-61-001	Coyote Alamitos Canal off Galen Drive, San José	6.09 +/ acres	Yes	Open Space, Parklands and Habitat	No, Zone D	Hillside land



#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
5	708-21-014	Coyote Alamitos Canal off Santa Teresa, San José	10.81 +/- acres	Yes	Open Space, Parklands and Habitat	No, Zone D	Hillside land

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
6	676-04-047, 052, 016	Between Venus Dr. and Terra Brava Place, San José	7.61 +/- acres	Yes	Open Space, Parklands and Habitat	Zone X (unshaded) Portion of 052 is Zone D	Potential Excess land. Steep hillside parcel.

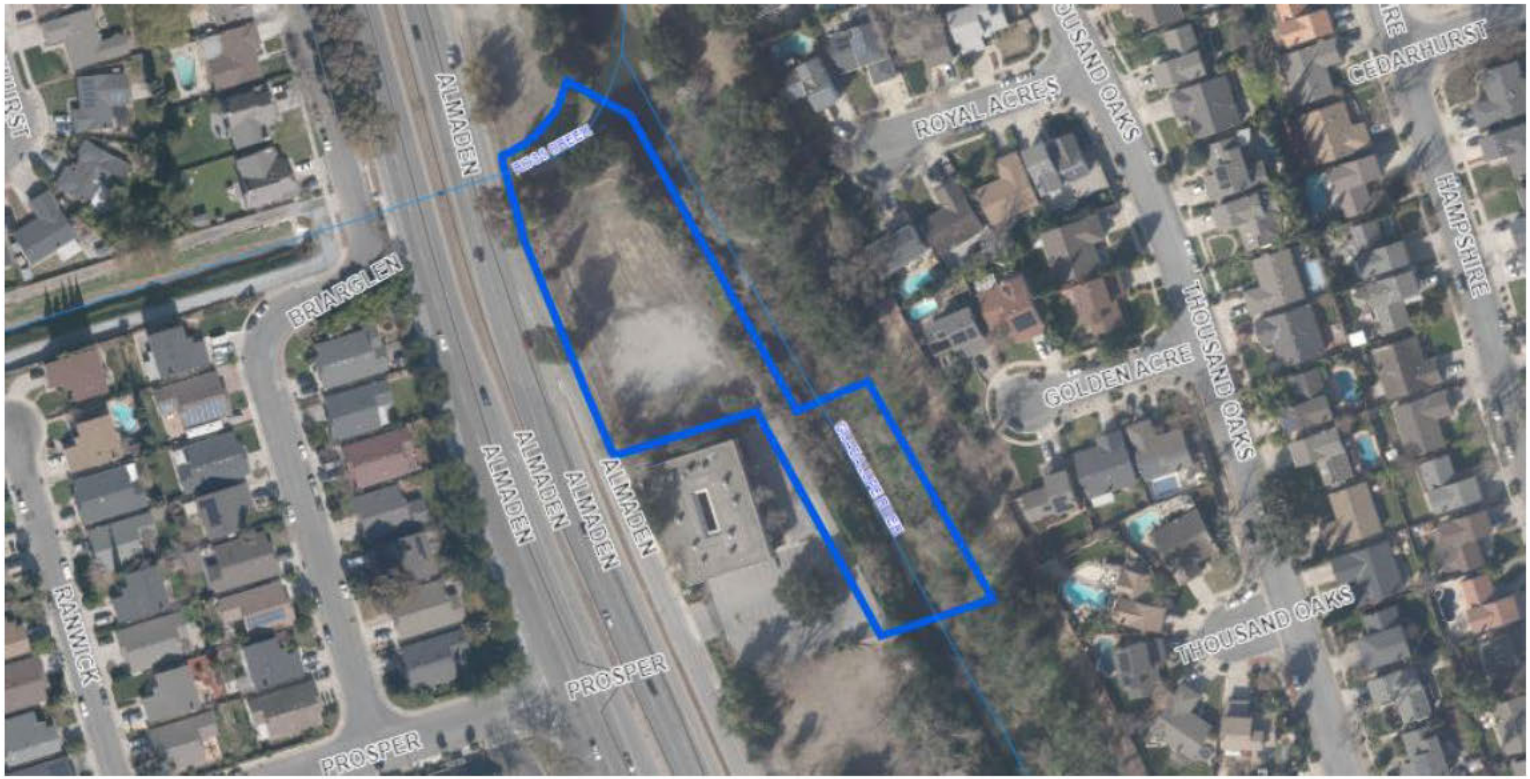
#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
7	725-06-001	Coyote Canal near Coyote Creek Golf Drive and HWY 101, San Jose	23.91 +/- acres	No	Open Hillside	No, Zone D	May be needed in the future. Portion currently used for canal. Alternative uses TBD.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
8	254-15-078	Upper Penitencia Creek at intersection between Jackson Ave and Commodore Dr, San Jose	3.41 +/- acres	Yes	Open Space, Parklands and Habitat	Zone X (shaded); small portion along creek in Zone AE	Note: additional land on other side of HWY 680 – needs review

#	APN	Property Location	Property	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
9	Portion of 459-06-036 and 459-06-047	Guadalupe River near intersection of Chard Dr and Almaden Expy, San Jose	1.44 +/- acres	Y	Open Space, Parklands and Habitat	Yes, Zone A around creek; potentially available portion in Zone D	

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
10	567-69-002	Guadalupe Creek at intersection of Meridian Ave and Coleman Rd, San Jose	1.83 +/- acres	Yes	Open Space, Parklands and Habitat	No, Zone D	

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
11	Portion of 459-01-021	Confluence of Ross Creek and Guadalupe River, San Jose	1.68 +/- Acres	Y	Open Space, Parklands and Habitat	Yes, Zone A immediately around creeks; center of parcel in Zone D	



#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
12	464-22-013	Intersection of Canoas Creek and HWY 85, San Jose	2.89 +/- Acres	Y	Open Space, Parklands and Habitat	No, Zone D	

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
13	841-18-052	Confluence of Llagas Creek and West Llagas Creek, Unincorporated	15.5 +/- acres	Y	Agriculture Medium Scale	Yes, Zone AE around both creeks; majority of parcel in Zone D	

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
14	652-03-020	Corner of Pleasant Acres Dr. & Klein Rd, Unincorporated	11.39 +/- acres	Yes	Other Public Open Lands	No, Zone D	Potential Excess land, currently leased for dry hay farming. Included in discussions with County for use as baseball field.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
15	790-09-008	Near intersection of Lions Creek and Wren Ave, Unincorporated	4.0 +/- acres	Yes	Open Space Reserve	Zone X (unshaded)	Portion was used for project as planned. Alternative uses to be determined.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
16	825-38-008	Along East Little Llagas Creek near intersection of HWY 101 and San Martin Ave, Unincorporated	5.43 +/- acres	Y	Rural Residential	Yes, eastern sliver in Zone AE; remaining portion in Zone D	Portion may be used for environmental enhancement, staging area or mitigation.

#	APN	Property Location	Property Size	Residential Area	General Plan Designation	Flood Zone*	Additional Comments
17	783-18-016	Along West Llagas Creek near intersection of Fitzgerald and Santa Teresa, Unincorporated	7.82 +/- acres	N	Open Space Reserve	Yes, eastern portion in Zone AE; western portion in Zone X (shaded)	Recommend hold until future project is defined. Currently leased for hay farming.

Valley Water

MEMORANDUM
FC 14 (08-21-19)

TO: Board of Directors **FROM:** Darin Taylor, CFO

SUBJECT: Third Quarter Fiscal Year 2022-23 Financial Status Update **DATE:** July 24, 2023

Valley Water's third quarter Fiscal Year 2022-23 closed on March 31, 2023. The third quarter financial status update presentation, attached, summarizes cash and investment balances, the debt portfolio and includes a detailed comparison, and analysis, of the budget to actual status of revenues and expenditures for all funds as of March 31, 2023.

The presentation was provided to the Board Audit Committee on June 21, 2023 and is being provided to the Board via this non-agenda item and an accompanying CEO bulletin.

Darin Taylor
Chief Financial Officer

Attachment: Q3 FY2022-23 Financial Status Update

Q3 YTD FY2022-23
Financial Status Update

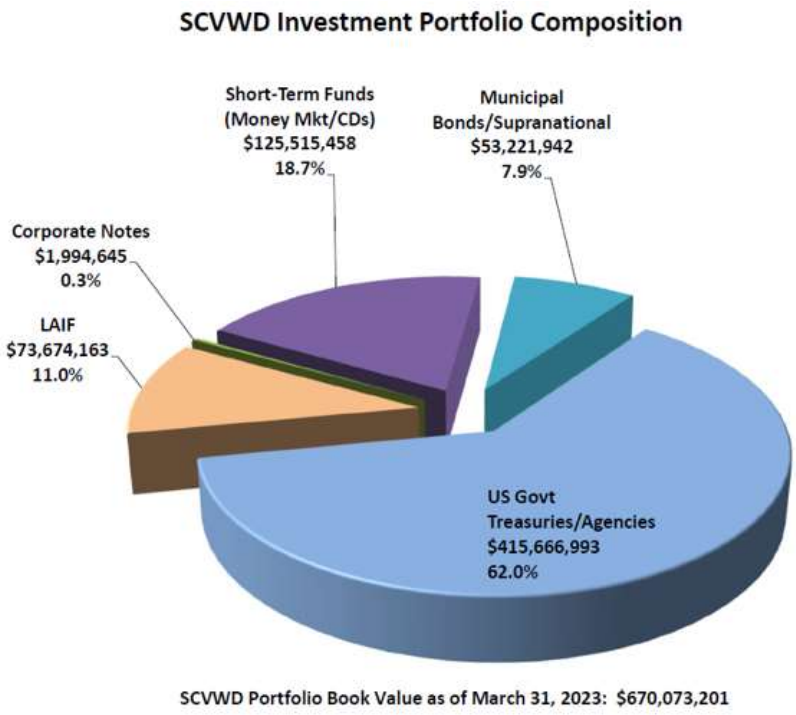
June 21, 2023

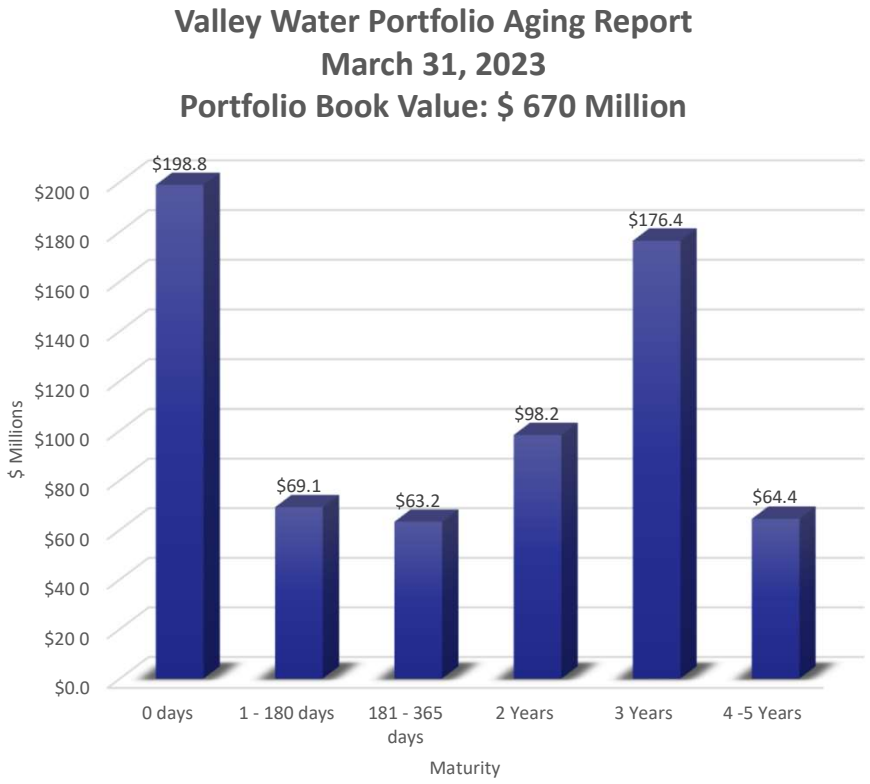
Agenda

- Financial Status
  - Cash and Investments
  - Debt Portfolio
- Q3 YTD FY23 Financial Status Update
  - Revenue
  - Operating and Capital Expenditures
  - Reserves

Financial Status Update – Cash & Investments

$331M or 49% of portfolio very liquid (<1-year maturity)





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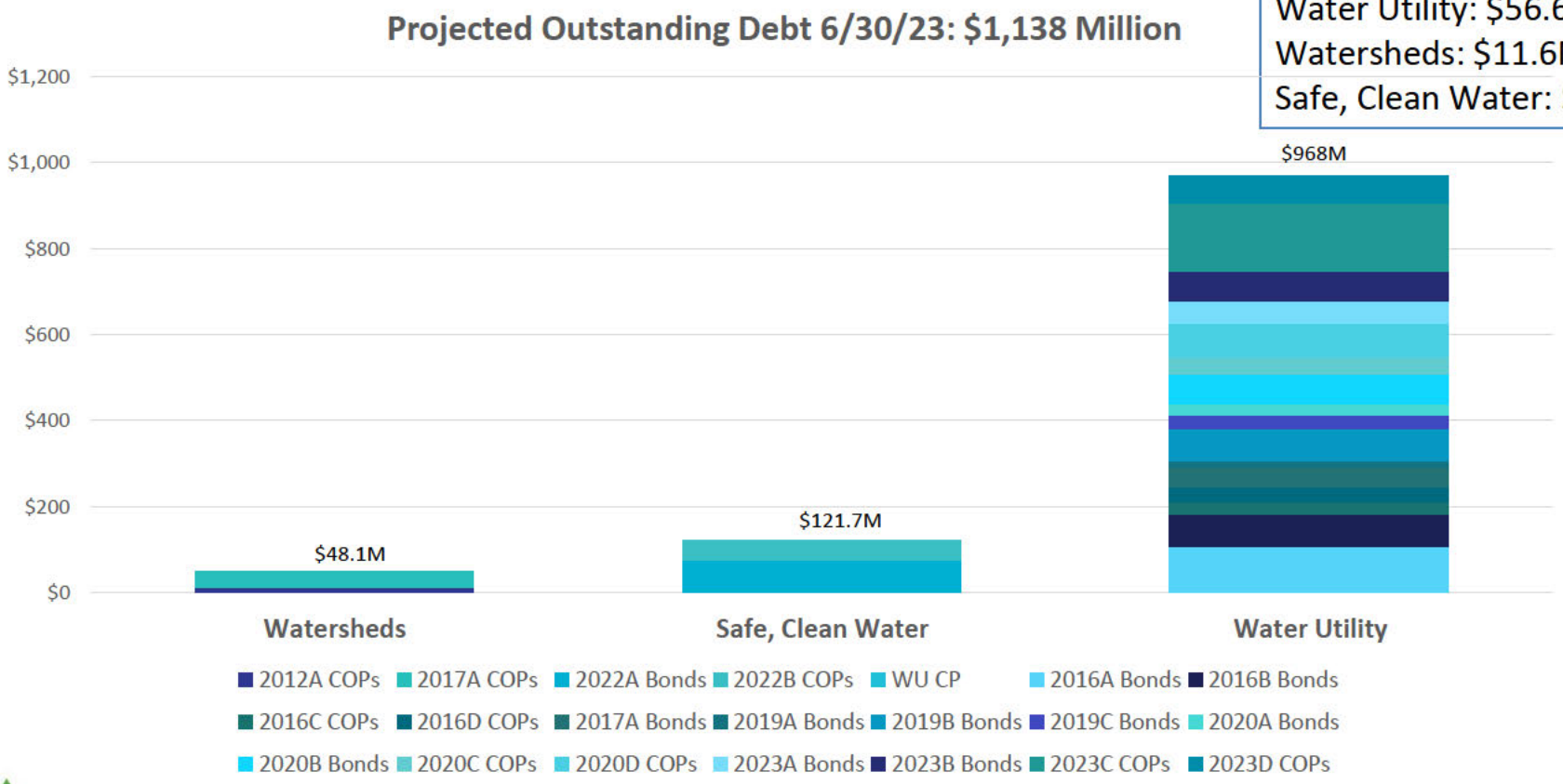
Financial Status Update – Projected Outstanding Debt

FY 2023 Debt Service Budget: $72.2M
Water Utility: $56.6M
Watersheds: $11.6M
Safe, Clean Water: $4M



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Financial Status Update – Debt Portfolio

Ample access to cash at low interest rates

$320M short-term credit facilities

- $150M Commercial Paper & $170M Bank Line of Credit
  - US Bank Lead ($150M), Community Bank of the Bay ($5M), Bank of SF ($7M), and First Foundation Bank (8M)

FY 2023 Financing Results

- SCW: $75M Bonds and $46M COPs closed 12/6/22
- SCW: $147M WIFIA agreement approved by Board 10/25/22, closed 2/14/23
- WU: $121M Bonds and $222.3M COPs closed 1/19/23
- WU: $2B WIFIA agreement approved by Board 12/13/22; closed $580M 2/14/23 for Anderson
- WU: Pacheco WIFIA agreement anticipated to close in summer/fall 2023

FY 2024 Financing Plan

- $230M WU planned issuance targeted for March 2024
- $38M SCW planned issuance targeted for March 2024

Q3 YTD Revenue by Category and Fund

Water revenues affected by higher than budgeted treated water consumption

($ in millions)	FY23 Adj Budget	Q3 FY23 Actuals	Q3 FY23 % Rec'd	FY23 Estimate	FY23 Estimate vs Adj Budget
Groundwater Production Charges	$ 122.0	$ 75.2	62%	$ 110.0	$ (12.0)
Treated Water Revenue	139.7	105.4	75%	159.0	19.3
Surface/Recycled Water Revenue	3.2	1.3	41%	3.2	-
1% Ad-valorem Property Tax	126.1	89.0	71%	136.0	9.9
Safe Clean Water Special Parcel Tax	49.6	28.3	57%	49.6	-
Benefit Assessment	13.3	7.6	57%	13.3	-
State Water Project Tax	27.0	16.1	60%	27.0	-
Capital Reimbursements	37.1	23.3	63%	32.0	(5.1)
Interest Income & Other	13.0	12.6	97%	20.2	7.2
Total Revenue	**$ 531.0**	**$ 358.8**	**68%**	**$550.3**	**$ 19.3**

($ in millions)	FY23 Adj Budget	Q3 FY23 Actuals	Q3 FY23 % Rec'd	FY23 Estimate	FY23 Estimate vs Adj Budget
General Fund	$ 10.5	$ 7.6	72%	$ 11.4	$ 0.9
Watershed Stream Stewardship Fund	137.3	90.3	66%	144.1	6.8
Safe Clean Water Fund	53.0	33.9	64%	54.1	1.1
Water Utility Enterprise Fund	316.5	218.8	69%	326.7	10.2
Service Funds	0.4	0.6	150%	0.7	0.3
Benefit Assessment Funds	13.3	7.6	57%	13.3	-
Total Revenue	**$ 531.0**	**$ 358.8**	**68%**	**$550.3**	**$ 19.3**

Observations

- Q3 FY23 YTD revenue was $358.8M or 68% of FY23 Budget
- Remainder SCW Special Parcel, Benefit Assessment and State Water Project Tax revenues will be received in Q4
- Groundwater production charges $75.2M or 62% of Budget; same as FY22 YTD
  - FY23 projected to be $110.0 million due to mix shift from groundwater to treated water
- Surface/Recycle Water revenue projected to meet budget
- Treated water revenue $105.4M or 75% of Budget and $9.5M higher than Q3 FY22 actuals
  - FY23 projected to be $159.0 million due to higher treated water consumption and less groundwater consumption
- Capital reimbursements of $23.3M, varies year-over-year depending on progress of grant-funded projects; 32.0M received May YTD
- Interest Income and Other exceeds budget due to CSJ Water Treatment facility payment, insurance reimbursement, and higher interest income

Q3 YTD Operating and Capital Expenditures

Operating outlays & Capital expenditures estimated to end FY within budgeted levels

($ in millions)	FY23 Adj Budget	Q3 FY23 Actuals	Q3 FY23 % Spent	Q3 FY22 Actuals	Q3 FY22 % Spent
General Fund	$ 82.7	$ 54.6	66%	$ 53.0	69%
Watershed Stream Stewardship Fund	76.8	49.9	65%	46.2	67%
Safe Clean Water Fund	37.5	16.2	43%	12.6	42%
Water Utility Enterprise Fund	338.2	183.9	54%	198.0	66%
Service Funds	39.9	24.5	61%	21.2	61%
Benefit Assessment Funds	11.2	10.9	97%	11.0	98%
Total Operating Outlays	**$ 586.3**	**$ 340.0**	**58%**	**$342.0**	**66%**

Note 1: Operating Adjusted Budget includes Adopted Budget and current year budget adjustments
Note 2: Budgetary basis Actuals includes actuals and encumbrances as of 3/31/23

Observations

- Q3 FY23 Operating Expenditures of $340.0M or 58% of FY23 Adj Budget
- SCW Fund lower than budget primarily due to delay in CP issuance ($1.5M), deferral of the 2022A bond issuance ($5.3M), F9 Safe Clean Water Grants and Partnerships timing ($4.0M), Stream Capacity Vegetation Control ($1.3M) and Management of Revegetation Projects ($1.1M) due to inclement weather impact
- WUE Fund lower than budget due end of drought related expenses ($15M, emergency water purchases/conservation activities), IW San Felipe Division Deliveries project ($15M), GP5 Reimbursement program ($16M)

($ in millions)	FY23 Adj Budget	Q3 FY23 Actuals	Q3 FY23 % Spent	Q3 FY22 Actuals	Q3 FY22 % Spent
General Fund	$ 7.0	$ 1.7	24%	$ 2.0	33%
Watershed Stream Stewardship Fund	58.9	39.5	67%	47.4	54%
Safe Clean Water Fund	74.5	37.9	51%	44.3	38%
Water Utility Enterprise Fund	374.9	185.8	50%	189.1	58%
Service Funds	8.9	3.1	35%	9.3	61%
Total Capital Expenditures	**$ 524.2**	**$ 268.0**	**51%**	**$292.1**	**53%**

Note 1: Capital Adjusted Budget includes Adopted Budget and prior year capital carryforward
Note 2: Budgetary basis Actuals includes actuals and encumbrances as of 3/31/22

- Q3 FY23 Capital Expenditures of $268.0M or 51% of Adjusted Budget; spending trend percentage similar to the same period of FY22
- GF Fund 24% spent due to HQ Ops Building project delay ($1.9M) and Small Caps Project ($3.0M)
- SCW Fund 51% spent primarily due to Almaden Lake Improv project ($8.9M)
- WUE Fund 50% spent primarily due to Anderson Dam related projects ($105.4M), expenditures expected in Q4
- Service Funds expenditures expected to increase noticeably in Q4

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Reserve Balances

- FY23 Projected Year-end reserve balances higher than FY23 Adopted Budget due to unexpended capital project funds carried forward from FY22 to FY23

($ in millions)	FY23 Adopted Budget	FY23 Projected Year-end	FY23 Projected vs Adopted
Restricted Reserves			
Safe Clean Water Fund	$ 151.7	$ 210.8	$ 59.1
Water Utility Enterprise Fund	67.3	66.8	(0.5)
Restricted Reserves Subtotal	**219.0**	**277.6**	**58.6**
Committed Reserves			
General Fund	9.1	10.3	1.2
Watershed & Stream Stewardship Fund	102.2	111.1	8.9
Water Utility Enterprise Fund	56.3	99.4	43.1
Service Funds	15.9	21.5	5.6
Committed Reserves Subtotal	**183.5**	**242.3**	**58.8**
Total Reserves	**$ 402.5**	**$ 519.9**	**$ 117.4**

Q3 YTD Financial Update Summary

- Performance of revenues expected to exceed budget primarily due to higher than budgeted treated water usage
- Operating expenditures estimated to end FY within budgeted levels
- Q3 YTD capital expenditures lower than prior fiscal year but expect to see increases in Q4 results
- In August, Staff will bring to the Board recommended central budget adjustments to ensure that funding is carried over from the current fiscal year to the next in order to complete critical operating projects

Valley Water

MEMORANDUM

FC 14 (02-08-19)

TO: Board of Directors

FROM: Darin Taylor, Chief Financial Officer

SUBJECT: Monthly and Quarterly Report of Investments as of June 30, 2023

DATE: July 24, 2023

SUMMARY:

In accordance with Santa Clara Valley Water District ("Valley Water") Investment Policy and California Government Code sections 53607 and 53646, the Treasurer's Monthly and Quarterly Report of Investments as of June 30, 2023 is attached. This report complies with Executive Limitation-4 Financial Management.

RATIONALE:

California Government Code section 53607 requires the Treasurer of the local agency who has been delegated with the authority to invest funds to provide a monthly report of the investment transactions to the legislative body. Furthermore, Government Code Section 53646 recommends that the Treasurer submit a quarterly report to the legislative body of the local agency to assist with its fiscal oversight role. The quarterly report shall include the types of investment, issuer, date of maturity, par, market value and dollar amount for all securities, investments and moneys held by the local agency. The report shall also confirm compliance of the portfolio with the investment policy as well as a statement denoting the agency's ability to meet its expenditure requirements for the next six months. This report is provided to the Board in compliance with Board Investment Policy and Government Code sections 53607 and 53646.

STAFF ANALYSIS:

Interest Rates

The yield-to-maturity of the investment portfolio as of June 30, 2023, was 1.76%. Table 1 below summarizes the historical yield-to-maturity of the investment portfolio.

Table 1 - Portfolio Yield-to-Maturity
(365 days equivalent)

Fiscal Year	September Q1	December Q2	March Q3	June Q4
2022	1.06%	1.07%	1.03%	1.02%
2023	1.21%	1.28%	1.76%	1.76%

Investment Strategy

In accordance with the strategy recommended by the Investment Committee and approved by the Board, staff continues to ladder the portfolio. When funds mature, if the money is not needed for current expenditures, they are reinvested in securities that have maturities of up to five years.

The average life of the portfolio on June 30, 2023 was 420 days (1.2 years), well within the 2.5-year average life threshold permitted by the Investment Policy. During the quarter, the Treasury Officer purchased 10 securities totaling $44M with weighted average yield-to-maturity 4.8%.

Valley Water's portfolio is invested with a primary goal of safety. To accomplish this goal, staff only invests in securities that are permitted by California Government Code and the Valley Water Investment Policy. These securities have high credit ratings and maturities of no more than 5 years. As of June 30, 2023, approximately 61% of the portfolio was held in US Government Treasury/Agency Notes and Municipal Bonds, 37% was held in liquid funds (Local Area Investment Fund/money market mutual fund, CD's) and 2% in supranational/corporate medium-term notes.

The current short-term interest rate environment correlates to the Federal Funds target rate. At the June 13-14, 2023 meeting, the Federal Open Market Committee (FOMC) stated: "The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. In support of these goals, the Committee decided to maintain the target range for the federal funds rate at 5 to 5-1/4 percent. Holding the target range steady at this meeting allows the Committee to assess additional information and its implications for monetary policy. In determining the extent of additional policy firming that may be appropriate to return inflation to 2 percent over time, the Committee will take into account the cumulative tightening of monetary policy, the lags with which monetary policy affects economic activity and inflation, and economic and financial developments."[1]

Staff recommends continuing the strategy of investing in short-term, liquid instruments such as money market mutual funds, Local Area Investment Fund (LAIF), high grade corporate medium-term notes and short-term U.S. government treasury and agency securities to maintain the goals of safety and liquidity of the investment portfolio. Staff will look for value within the five-year horizon and will match maturities with cash flow requirements as opportunities arise.

[1] http://www.federalreserve.gov/monetarypolicy/fomccalendars.htm

Interest Income

For the quarter ended June 30, 2023, Valley Water received total interest earnings of $3.2 million. Total interest income earned for FY 2023 was $10.9 million, which was $4.9 million higher than the FY 2023 budget of $6 million for interest income. The higher interest earnings is primarily due to higher than expected interest rate environment during the fiscal year. Table 2 below illustrates the historical interest earnings of the investment portfolio.

Table 2 – Portfolio Quarterly Interest Earnings

Fiscal Year	Quarter Ending:	Earnings*
2022	September	$1,741,431
	December	$1,693,398
	March	$1,739,714
	June	$1,828,672
	Total	**$7,003,215**
2023	September	$2,309,729
	December	$2,505,486
	March	$2,876,849
	June	$3,219,211
	Total	**$10,911,275**

** Earnings include interest earned plus accrued interest and adjustments for premiums/discounts for the period.*

Performance Measurement

Valley Water benchmarks its portfolio performance against the 24-month floating average of the 2-year Treasury note. This benchmark approximates relatively closely to the holdings of Valley Water. However, there is no benchmark that will exactly mimic the Valley Water's mix of investments.

For the quarter ended June 30, 2023, the investment portfolio yield-to-maturity was 1.76% while the benchmark yield was 2.66% for a negative difference of 0.9%. Yields on the 2-year Treasury note reflect the increasing interest rate in the short end of the yield curve. Valley Water's portfolio yields are lower because of the staggered maturity investment strategy described above which incorporates holding to maturity certain securities purchased in times of lower rates.

The yield on the investment portfolio is expected to remain modest over the next few quarters but may gradually increase over time as excess cash is invested at the current market rates. The portfolio will continue to be invested according to the tenets of safety, liquidity and yield in conformance with the California Government Code and Valley Water Investment Policy.

Summary of Cumulative Changes in the Investment Portfolio

The book value of the portfolio was approximately $732 million on June 30, 2023 compared to $670 million on March 31, 2023, an increase of $62 million or 9.3%. The increase reflects the normal fluctuations of the Valley Water's investment portfolio due to receipt of expected revenues (e.g. property taxes of $75M, water utility revenues, etc.) which are offset by various planned expenditures, such as, Watersheds/Water Utility debt service of $40M, and other quarterly expenditures. Treasury staff anticipates the portfolio book value will decrease by ~$48M in the first quarter of FY 2024 due to expected routine payments in July/August 2023, comprised of $27M in CalPERS UAL prepayment, $17.5 M in Imported Water Utility payments and $3.6M in debt service. The historical quarterly changes in book value are summarized in Table 3 below.

Table 3 – Portfolio Book Value

Fiscal Year	Quarter Ending:	Book Value	$ Change	% Change
2022	September	$665,132,641	($101,230,859)	-13.2%
	December	$630,102,645	($35,029,996)	-5.3%
	March	$691,619,673	$61,517,028	9.8%
	June	$846,631,604	$155,011,931	22.4%
2023	September	$730,294,325	($116,337,279)	-13.7%
	December	$655,139,839	($75,154,486)	-10.3%
	March	$670,073,201	$14,933,362	2.3%
	June	$732,143,570	$62,070,369	9.3%

Portfolio Market Valuation

In accordance with California Government Code, all public agencies must report unrealized gains and losses in their investment portfolios on a quarterly basis. Table 4 below shows the market value of Valley Water's investments as reported by ICE Data Pricing & Reference Data, LLC on June 30, 2023 compared to the amortized book value.

Table 4 – Portfolio Market Value	
Market Value	$706,856,435
Amortized Book Value	$732,143,570
Unrealized Gain (Loss)	($25,287,135)

If the entire portfolio had been liquidated on June 30, 2023, Valley Water would have received $25.3 million less than the total amortized cost of the portfolio. This is the result of a direct relationship between changes in market interest rates and the value of investment securities. As general market interest rates increase, the value of investments purchased at lower yields decrease, and as general market interest rates decrease, the value of investments purchased at higher yields increase.

Valley Water's Investment Policy dictates a buy-and-hold strategy in which the Valley Water holds all securities to their maturity under normal operating conditions. When an investment matures, Valley Water is paid the full-face value of that security and therefore incurs no loss or gain. Since the portfolio was not liquidated, the "market loss" was unrealized and had no impact on the portfolio size or yield.

Collateralization of Outstanding Repurchase Agreements

As of June 30, 2023, Valley Water had no outstanding repurchase agreements.

Debt Information

The Investment Policy and governmental regulations require that Valley Water report on the investment of bond proceeds. Investment of bond proceeds is governed by the legal bond documents and applicable governmental regulations. In particular, these funds can be invested for longer periods to match the terms of the outstanding bonds.

Investment of Debt Proceeds

Table 5 below summarizes the debt proceeds investment information as of June 30, 2023. The investments of the debt proceeds are in accordance with the provisions for Permitted Investments as specified in each corresponding Indenture/Trust Agreement.

Table 5 – Debt Proceeds Market Value

Description	Market Value 06/30/2023	Yield at market	Maturity Date
SCW 2022B Acquisition/Construction Fund	$39,231,768	4.56%	MM*
SCW 2022B Capitalized Interest Fund	$7,591,240	3.78%	12/1/2026
WU 2023C Acquisition/Construction Fund	$140,753,945	2.27%	4/30/2024
WU 2023C-1 Capitalized Interest Fund	$10,447,607	4.41%	6/1/2026
WU 2023D Acquisition/Construction Fund	$56,611,075	2.63%	12/31/2023
WU 2023D Capitalized Interest Fund	$5,934,812	2.46%	5/31/2026

*MM=Money Market

Compliance with State Law and Valley Water Policy

For the quarter ended June 30, 2023, all investments were in compliance with the Investment Policy and Board Executive Limitation 7.6.

Valley Water holds several Certificates of Deposit ("CD") issued by various banks and credit unions. The CD account balances are generally maintained at or below the Federal Deposit Insurance Corporation(FDIC) insurance maximum of $250,000 per CD, with the exception of the following CDs which are separately insured by Letters of Credit from the Federal Home Loan Bank of San Francisco with a minimum of 105% insurance value for account balances in excess of the $250,000 federal insurance limit: Community Bank of the Bay, Meriwest Bank and Technology Credit Union.

On October 13, 2020, the Board authorized placing a deposit of up to $14 million in a Certificate of Deposit Account Registry Service (CDARS) account with the Bank of San Francisco as part of the transaction related to the establishment of a $170 million syndicated bank line of credit. On April 28, 2022, an additional deposit of $4 million was placed in the CDAR with the Bank of San Francisco. The total Bank of San Francisco CDAR account balance of $18 million is insured by the FDIC as each individual CD held within the CDAR account is maintained at less than the $250,000 maximum FDIC insurance limit.

The investment portfolio has been structured to ensure that sufficient monies will be available to cover anticipated expenditures in the coming six months.

Socially Responsible Investments

In a unanimous vote on December 12, 2017, the board voted to amend the investment policy to promote socially responsible investment (SRI) practices, and adopted a set of moral, ethical, environmental, social and governance guiding principles (ESG) to lead investment decisions. The board approved prioritizing local investment possibilities with California based banks and banks with less than $10 billion in assets, to keep funds in the local economy and promote local job growth. On August 11, 2020, the board enhanced the ESG policy to keep a minimum of 4% of liquid cash in banks with up to $10 billion in assets and 1% in banks with up to $2 billion in assets to promote Valley Water's investments in local community banks.

Total CDs and deposits placed with local banks and credit union was $50.4 million for the period ended June 30, 2023. This represented approximately 6.9% of the overall Valley Water portfolio's book value. The book value increased by $5.2 million due to investing $5 million in a new collateralized savings account with Meriwest at 3.72% APY. The change in Valley Water's investment in CDs and collateralized deposits is summarized in Table 6 below.

Table 6 – Certificate of Deposit (CDs) & Money Market Deposit Summary

Description	Book Value 03/31/2023	Book Value 06/30/2023	Increase/ (Decrease)	% Change
CDs/Collateralized Deposit Accounts	$45,199,581	$50,429,597	$5,230,016	11.6%

Community Bank Investments

Valley Water Board has implemented an innovative financing approach which promotes small, local banks participation in Valley Water's financing business. The Board Executive Limitation (EL) 4.7.7 requires that Valley Water only engage with banks that have an Environmental, Social, and Governance (ESG) rating from at least one professional ESG research company of at least average/medium (or its equivalent). Banks located within the nine Bay Area counties with total assets below $10 billion are exempt from this limitation. As a result of this policy, the following banking arrangements have been established with institutions meeting these criteria:

- $20 million in Revolving Lines of Credit from three small local California banks (Bank of San Francisco, Community Bank of the Bay and First Foundation Bank).
- $50 million in investments in various small, local banks' various deposits that are secured by either the Federal Depository Insurance Corporation or collateralized by Letters of Credit from the Federal Home Loan Bank of San Francisco.
- Three separate letters of credit issued by Technology Credit Union, based in San Jose, totaling $841,000 to Valley Water to meet the U.S. Army Corp's financial assurance requirements for the operations of Upper Penitencia, Coyote Ridge, and Rancho Cañada de Pala Preserve watershed projects.
- Valley Water underwriting pool is limited to US investment banks with ESG ratings of medium or better with preference for small, local California banks.

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Prachi Tara
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7/24/2023

Prepared by: Prachi Tara
Treasury Management Analyst

DocuSigned by:
Charlene Sun
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7/24/2023

Reviewed by: Charlene Sun
Treasury, Debt and Grants Officer

Attachments:
1: Portfolio Management reports
2: Portfolio Composition Pie Chart
3: Yield Comparison Graph

SANTA CLARA VALLEY WATER
5750 Almaden Expressway
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Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Summary
June 30, 2023

Investments	Par Value	Market Value	Book Value	% of Portfolio	YTM 365 Equiv.	Term	Days to Maturity
Treasury Securities - Coupon	106,000,000.00	99,175,312.67	104,718,013.43	14.30	1.869	1,159	646
Federal Agency Issues - Coupon	301,093,000.00	284,234,728.01	300,875,152.38	41.10	1.757	1,472	682
Negotiable CD's - Interest Bearing	240,000.00	222,742.73	240,000.00	0.03	1.094	1,826	635
LAIF	64,161,795.83	64,161,795.83	64,161,795.83	8.76	2.740	1	1
Medium Term Notes	2,000,000.00	1,826,850.44	1,995,206.23	0.27	0.664	1,639	781
Money Market Account	43,407,973.84	43,407,973.84	43,407,973.84	5.93	4.430	1	1
TimeCD_Deposit Account	162,765,076.10	162,765,076.10	162,765,076.10	22.23	0.639	1	1
Supranational	15,000,000.00	13,894,976.63	15,066,810.07	2.06	1.015	1,663	670
Municipal Bonds	38,995,000.00	37,166,979.10	38,913,542.41	5.32	1.900	1,598	579
Investments	**733,662,845.77**	**706,856,435.35**	**732,143,570.29**	**100.00%**	**1.758**	**895**	**420**

Total Earnings	June 30 Month Ending	Fiscal Year To Date	Fiscal Year Ending
Current Year	998,482.09	10,911,275.34	10,911,275.34
Average Daily Balance	**668,028,319.98**	**717,252,075.07**	
Effective Rate of Return	**1.82%**	**1.52%**	

Current market pricing is updated at the end of each month from data provided by Interactive Data, a securities pricing service.

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Charlene Sun
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Charlene Sun
Treasury/Debt Officer

7/24/2023
Date

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Darin Taylor
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Darin Taylor, Chief Financial Officer

7/24/2023

Santa Clara Valley Water Dist.
Portfolio Management
Activity Summary
June 2022 through June 2023

Month End	Year	Number of Securities	Total Invested	Yield to Maturity 360 Equivalent	Yield to Maturity 365 Equivalent	Managed Pool Rate	Number of Investments Purchased	Number of Investments Redeemed	Average Term	Average Days to Maturity
June	**2022**	177	846,631,603.68	1.008	1.022	0.320	8	1	887	499
July	**2022**	177	800,949,313.72	1.082	1.097	0.750	1	2	933	507
August	**2022**	174	780,236,284.74	1.163	1.179	0.750	0	8	928	500
September	**2022**	166	730,294,325.34	1.195	1.212	0.750	0	4	977	513
October	**2022**	162	733,049,479.77	1.241	1.258	1.350	0	1	965	490
November	**2022**	160	720,833,489.87	1.314	1.333	1.350	0	4	971	477
December	**2022**	157	655,139,838.88	1.261	1.279	1.350	1	7	1,034	507
January	**2023**	156	720,149,826.28	1.536	1.557	2.070	4	1	950	458
February	**2023**	154	694,270,392.30	1.611	1.633	2.070	1	1	986	458
March	**2023**	156	670,073,201.37	1.740	1.764	2.070	3	5	1,006	468
April	**2023**	152	654,926,679.30	1.710	1.734	2.740	1	0	1,043	471
May	**2023**	154	646,955,927.32	1.842	1.867	2.740	2	10	1,012	462
June	**2023**	151	732,143,570.29	1.734	1.758	2.740	7	6	895	420
	Average	**161**	**721,973,379.45**	**1.418%**	**1.438%**	**1.619**	**2**	**4**	**968**	**479**

Santa Clara Valley Water Dist.
Portfolio Management
Activity By Type
June 1, 2023 through June 30, 2023

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Treasury Securities - Coupon							
91282CFX4	5575	Republic Industries Funding	4.500	06/21/2023	4,966,100.00	0.00	
91282CDH1	5577	US Treasury Bill	0.750	06/27/2023	4,713,476.55	0.00	
		Subtotal			**9,679,576.55**	**0.00**	**104,718,013.43**
Federal Agency Issues - Coupon							
3133EKSN7	5387	Federal Farm Credit Bank	1.770	06/26/2023	0.00	3,000,000.00	
3133EKPT7	5425	Federal Farm Credit Bank	2.125	06/05/2023	0.00	2,175,000.00	
3133EPDC6	5576	Federal Farm Credit Bank	5.350	06/27/2023	5,025,500.00	0.00	
3133834G3	5378	Federal Home Loan Bank	2.125	06/09/2023	0.00	3,000,000.00	
3133834G3	5423	Federal Home Loan Bank	2.125	06/09/2023	0.00	3,000,000.00	
3133834G3	5424	Federal Home Loan Bank	2.125	06/09/2023	0.00	3,240,000.00	
3133834G3	5427	Federal Home Loan Bank	2.125	06/09/2023	0.00	1,000,000.00	
3130ATUR6	5571	Federal Home Loan Bank	4.625	06/07/2023	2,988,960.00	0.00	
3130AQ4B6	5572	Federal Home Loan Bank	1.200	06/07/2023	2,833,200.00	0.00	
3130AWE22	5573	Federal Home Loan Bank	5.080	06/09/2023	5,000,000.00	0.00	
3130AV5N8	5574	Federal Home Loan Bank	5.000	06/21/2023	4,999,900.00	0.00	
		Subtotal			**20,847,560.00**	**15,415,000.00**	**300,875,152.38**
Negotiable CD's - Interest Bearing							
		Subtotal					**240,000.00**
LAIF (Monthly Summary)							
SYS88-0237LAIF	88-0237LAIF	Local Agency Investment Fund	2.740		0.00	10,000,000.00	
		Subtotal			**0.00**	**10,000,000.00**	**64,161,795.83**
Medium Term Notes							
		Subtotal					**1,995,206.23**
Money Market Account (Monthly Summary)							
23380W523	4102	Daily Income US Gov MMF	4.430		36,357,289.19	42,726,630.27	
		Subtotal			**36,357,289.19**	**42,726,630.27**	**43,407,973.84**
TimeCD_Deposit Account (Monthly Summary)							
SYS5481	5481	Bank of San Francisco	0.449		5,228.10	0.00	
SYS5540	5540	Bank of San Francisco	1.242		8,969.14	0.00	

Santa Clara Valley Water Dist.
Portfolio Management
Activity By Type
June 1, 2023 through June 30, 2023

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
TimeCD_Deposit Account (Monthly Summary)							
SYS5309	5309	Community Bank of the Bay	1.050		169.92	169.92	
SYS5371	5371	Community Bank of the Bay	0.500		4,875.18	0.00	
SYS4912	4912	Deposit Account	0.050		149,108,148.36	62,876,948.14	
SYS5398	5398	Meriwest Credit Union	3.150		13,268.57	0.00	
SYS5570	5570	Meriwest Credit Union	3.720		15,030.79	0.00	
SYS5556	5556	Provident Credit Union	2.018		388.00	0.00	
SYS5310	5310	Technology Credit Union	1.000		592.02	0.00	
SYS5369	5369	Technology Credit Union	3.040		38,848.12	0.00	
SYS5553	5553	Union Bank (NIB)			2,906,934.14	2,906,934.14	
		Subtotal			**152,102,452.34**	**65,784,052.20**	**162,765,076.10**
Supranational							
		Subtotal					**15,066,810.07**
Municipal Bonds							
		Subtotal					**38,913,542.41**
		Total			**218,986,878.08**	**133,925,682.47**	**732,143,570.29**

Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Details - Investments
June 30, 2023

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Term	Days to Maturity	Maturity Date
Treasury Securities - Coupon												
91282CBV2	5532	Republic Industries Funding		02/11/2022	5,000,000.00	4,805,859.40	4,952,867.45	0.375	1.592	794	289	04/15/2024
91282CCC3	5534	Republic Industries Funding		03/08/2022	5,000,000.00	4,781,640.60	4,943,107.01	0.250	1.580	799	319	05/15/2024
91282CEH0	5547	Republic Industries Funding		06/22/2022	5,000,000.00	4,794,921.90	4,939,363.45	2.625	3.339	1,028	654	04/15/2025
91282CEH0	5549	Republic Industries Funding		06/22/2022	5,000,000.00	4,794,921.90	4,937,623.86	2.625	3.360	1,028	654	04/15/2025
91282CFX4	5575	Republic Industries Funding		06/21/2023	5,000,000.00	4,946,289.05	4,979,651.89	4.500	4.991	528	518	11/30/2024
912828ZT0	5496	US Treasury Bill		01/12/2021	5,000,000.00	4,574,804.70	4,984,619.14	0.250	0.412	1,600	700	05/31/2025
912828ZT0	5499	US Treasury Bill		01/27/2021	5,000,000.00	4,574,804.70	4,992,889.59	0.250	0.325	1,585	700	05/31/2025
912828ZT0	5500	US Treasury Bill		01/27/2021	5,000,000.00	4,574,804.70	4,993,444.40	0.250	0.319	1,585	700	05/31/2025
91282CCF6	5521	US Treasury Bill		09/28/2021	5,000,000.00	4,489,843.75	4,974,395.30	0.750	0.930	1,706	1,065	05/31/2026
912828ZT0	5522	US Treasury Bill		10/28/2021	3,000,000.00	2,744,882.82	2,962,851.95	0.250	0.908	1,311	700	05/31/2025
912828ZL7	5523	US Treasury Bill		01/18/2022	5,000,000.00	4,599,609.40	4,919,834.65	0.375	1.271	1,198	669	04/30/2025
9128284R8	5525	US Treasury Bill		09/28/2021	5,000,000.00	4,811,523.45	5,205,332.99	2.875	0.701	1,341	700	05/31/2025
91282CCF6	5526	US Treasury Bill		09/29/2021	3,000,000.00	2,693,906.25	2,982,285.80	0.750	0.957	1,705	1,065	05/31/2026
912828ZT0	5527	US Treasury Bill		01/25/2022	5,000,000.00	4,574,804.70	4,900,202.03	0.250	1.318	1,222	700	05/31/2025
912828ZT0	5528	US Treasury Bill		01/25/2022	5,000,000.00	4,574,804.70	4,900,202.03	0.250	1.318	1,222	700	05/31/2025
91282CBW0	5529	US Treasury Bill		02/02/2022	5,000,000.00	4,501,367.20	4,888,847.50	0.750	1.564	1,548	1,034	04/30/2026
912828XT2	5531	US Treasury Bill		02/11/2022	5,000,000.00	4,847,460.95	5,017,541.38	2.000	1.608	840	335	05/31/2024
912828WJ5	5535	US Treasury Bill		03/08/2022	5,000,000.00	4,875,195.30	5,039,612.99	2.500	1.573	799	319	05/15/2024
912828XT2	5536	US Treasury Bill		03/08/2022	5,000,000.00	4,847,460.95	5,018,946.51	2.000	1.577	815	335	05/31/2024
91282CCF6	5538	US Treasury Bill		03/29/2022	5,000,000.00	4,489,843.75	4,745,859.24	0.750	2.600	1,524	1,065	05/31/2026
912828ZT0	5550	US Treasury Bill		06/22/2022	5,000,000.00	4,574,804.70	4,718,415.39	0.250	3.361	1,074	700	05/31/2025
91282CDH1	5577	US Treasury Bill		06/27/2023	5,000,000.00	4,701,757.80	4,720,118.88	0.750	5.093	507	503	11/15/2024
		Subtotal and Average	**97,288,536.88**		**106,000,000.00**	**99,175,312.67**	**104,718,013.43**		**1.869**	**1,159**	**646**	
Federal Agency Issues - Coupon												
3133ED2B7	5333	Federal Farm Credit Bank		02/01/2019	1,000,000.00	995,987.18	1,002,104.13	3.610	2.560	1,690	79	09/18/2023
3133EKPG5	5380	Federal Farm Credit Bank		06/10/2019	3,000,000.00	2,981,907.96	3,001,133.11	2.125	1.903	1,548	66	09/05/2023
3133EDBU5	5381	Federal Farm Credit Bank		06/10/2019	3,000,000.00	2,971,081.62	3,021,673.90	3.500	1.887	1,654	172	12/20/2023
3133EHN25	5382	Federal Farm Credit Bank		06/18/2019	3,000,000.00	2,966,751.36	3,002,769.23	2.200	1.910	1,597	123	11/01/2023
3133EKKU9	5383	Federal Farm Credit Bank		06/18/2019	3,000,000.00	2,967,650.58	3,004,051.14	2.300	1.899	1,604	130	11/08/2023
3133ELNE0	5440	Federal Farm Credit Bank		02/27/2020	5,000,000.00	4,875,990.10	5,006,508.72	1.430	1.214	1,448	228	02/14/2024
3133ELQD9	5442	Federal Farm Credit Bank		03/04/2020	5,000,000.00	4,861,393.35	5,000,624.37	1.230	1.211	1,461	247	03/04/2024
3133ELQD9	5443	Federal Farm Credit Bank		03/04/2020	3,000,000.00	2,916,836.01	3,001,183.63	1.230	1.170	1,461	247	03/04/2024
3133ELQD9	5459	Federal Farm Credit Bank		08/06/2020	5,000,000.00	4,861,393.35	5,032,387.11	1.230	0.265	1,306	247	03/04/2024
3133EL3P7	5460	Federal Farm Credit Bank		08/12/2020	5,000,000.00	4,558,018.90	5,000,000.00	0.530	0.530	1,826	773	08/12/2025
3133ELQD9	5462	Federal Farm Credit Bank		08/07/2020	5,000,000.00	4,861,393.35	5,032,494.41	1.230	0.262	1,305	247	03/04/2024

Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Details - Investments
June 30, 2023

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Term	Days to Maturity	Maturity Date
Federal Agency Issues - Coupon												
3133EMJS2	5489	Federal Farm Credit Bank		12/09/2020	5,000,000.00	4,658,690.15	5,000,000.00	0.440	0.440	1,461	527	12/09/2024
3133EMSU7	5510	Federal Farm Credit Bank		03/09/2021	5,000,000.00	4,500,292.15	5,000,000.00	0.800	0.800	1,826	982	03/09/2026
3133EMYV8	5514	Federal Farm Credit Bank		05/11/2021	5,000,000.00	4,494,129.80	5,001,688.06	0.820	0.808	1,826	1,045	05/11/2026
3133ENPB0	5533	Federal Farm Credit Bank		02/16/2022	5,000,000.00	4,601,177.65	5,000,000.00	2.180	2.180	1,826	1,326	02/16/2027
3133EN5G1	5557	Federal Farm Credit Bank		12/28/2022	10,000,000.00	9,963,273.70	10,000,000.00	4.890	4.890	365	180	12/28/2023
3133EN6C9	5558	Federal Farm Credit Bank		01/18/2023	5,000,000.00	4,924,265.50	5,000,000.00	5.140	5.140	1,826	1,662	01/18/2028
3133ELY32	5565	Federal Farm Credit Bank		03/09/2023	5,000,000.00	4,438,913.10	4,409,522.27	0.550	4.804	1,231	1,117	07/22/2026
3133EPDC6	5576	Federal Farm Credit Bank		06/27/2023	5,000,000.00	4,972,051.20	5,102,717.64	5.350	5.224	1,721	1,717	03/13/2028
313383YJ4	5334	Federal Home Loan Bank		02/01/2019	2,000,000.00	1,992,284.66	2,002,843.11	3.375	2.560	1,680	69	09/08/2023
3130A3VC5	5374	Federal Home Loan Bank		05/24/2019	3,000,000.00	2,958,777.60	3,001,363.13	2.250	2.140	1,659	160	12/08/2023
3130AAHE1	5390	Federal Home Loan Bank		06/24/2019	5,000,000.00	4,936,758.90	5,013,013.19	2.500	1.875	1,628	160	12/08/2023
3130A3GE8	5466	Federal Home Loan Bank		08/26/2020	5,000,000.00	4,821,536.90	5,169,489.72	2.750	0.390	1,570	531	12/13/2024
3130AL2G8	5504	Federal Home Loan Bank		02/18/2021	10,000,000.00	8,901,601.30	10,000,000.00	0.600	0.600	1,826	963	02/18/2026
3130ALKL7	5507	Federal Home Loan Bank		03/25/2021	5,000,000.00	4,501,843.50	5,000,000.00	0.850	0.850	1,826	998	03/25/2026
3130ALKL7	5508	Federal Home Loan Bank		03/25/2021	5,000,000.00	4,501,843.50	5,000,000.00	0.850	0.850	1,826	998	03/25/2026
3130AM2K7	5513	Federal Home Loan Bank		04/28/2021	10,000,000.00	9,079,585.90	10,000,000.00	1.250	1.097	1,826	1,032	04/28/2026
3130AQMX8	5524	Federal Home Loan Bank		01/26/2022	5,000,000.00	4,596,262.95	5,000,000.00	1.125	1.788	1,826	1,305	01/26/2027
3130AQTK9	5530	Federal Home Loan Bank		02/28/2022	5,000,000.00	4,811,364.60	5,000,000.00	1.300	1.300	820	332	05/28/2024
3130ARKL4	5537	Federal Home Loan Bank		04/21/2022	5,000,000.00	4,856,194.85	5,000,000.00	3.250	3.050	1,826	1,390	04/21/2027
3130ARQB0	5539	Federal Home Loan Bank		04/28/2022	5,000,000.00	4,877,124.95	5,000,000.00	3.375	3.353	1,096	667	04/28/2025
3130AUPR9	5562	Federal Home Loan Bank		01/30/2023	2,545,000.00	2,522,087.16	2,543,209.29	4.560	4.633	529	377	07/12/2024
3130AURL0	5563	Federal Home Loan Bank		02/13/2023	5,000,000.00	4,978,809.35	5,000,000.00	4.800	4.800	365	227	02/13/2024
3130AVLU4	5567	Federal Home Loan Bank		04/25/2023	5,000,000.00	4,892,920.05	5,000,000.00	4.850	4.850	1,827	1,760	04/25/2028
3130ATUR6	5571	Federal Home Loan Bank		06/07/2023	3,000,000.00	2,973,152.67	2,989,445.27	4.625	4.879	555	531	12/13/2024
3130AQ4B6	5572	Federal Home Loan Bank		06/07/2023	3,000,000.00	2,822,597.25	2,840,400.00	1.200	4.985	565	541	12/23/2024
3130AWE22	5573	Federal Home Loan Bank		06/09/2023	5,000,000.00	4,983,059.80	5,000,000.00	5.080	5.084	396	374	07/09/2024
3130AV5N8	5574	Federal Home Loan Bank		06/21/2023	5,000,000.00	4,978,005.65	5,005,457.44	5.000	5.000	541	531	12/13/2024
3130A7PH2	5444	Federal Home Loan Bank-CN		02/28/2020	3,000,000.00	2,928,719.67	3,013,925.69	1.875	1.180	1,470	251	03/08/2024
3134GWND4	5461	Federal Home Loan Mortgage Cor		08/12/2020	5,000,000.00	4,564,939.30	5,000,000.00	0.600	0.600	1,826	773	08/12/2025
3134GWUY0	5476	Federal Home Loan Mortgage Cor		10/19/2020	6,698,000.00	6,221,983.66	6,698,000.00	0.400	0.400	1,533	548	12/30/2024
3134GW3W4	5477	Federal Home Loan Mortgage Cor		10/28/2020	5,000,000.00	4,678,804.25	5,000,000.00	0.410	0.410	1,461	485	10/28/2024
3134GW5Q5	5478	Federal Home Loan Mortgage Cor		10/29/2020	5,000,000.00	4,635,842.55	5,000,000.00	0.450	0.450	1,553	578	01/29/2025
3134GXBM5	5485	Federal Home Loan Mortgage Cor		12/01/2020	5,000,000.00	4,506,829.30	5,000,000.00	0.600	0.600	1,807	865	11/12/2025
3134GXFX7	5486	Federal Home Loan Mortgage Cor		12/16/2020	5,000,000.00	4,701,328.15	5,000,000.00	0.375	0.375	1,370	443	09/16/2024
3134GXHK3	5490	Federal Home Loan Mortgage Cor		12/24/2020	5,000,000.00	4,624,580.95	5,000,000.00	0.410	0.410	1,551	632	03/24/2025
3134GXJB1	5492	Federal Home Loan Mortgage Cor		12/28/2020	5,000,000.00	4,607,747.50	5,000,000.00	0.420	0.447	1,551	636	03/28/2025

Santa Clara Valley Water Dist.
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CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Term	Days to Maturity	Maturity Date
Federal Agency Issues - Coupon												
3134GYL83	5564	Federal Home Loan Mortgage Cor		03/01/2023	5,000,000.00	4,969,186.45	5,000,000.00	5.450	5.450	730	608	02/28/2025
3137EAEX3	5479	Fed Home Loan Mort Corp-CN		10/21/2020	5,000,000.00	4,535,809.15	4,990,647.10	0.375	0.460	1,798	815	09/23/2025
3137EAEU9	5498	Fed Home Loan Mort Corp-CN		01/27/2021	6,900,000.00	6,294,174.55	6,899,050.93	0.375	0.382	1,636	751	07/21/2025
3137EAEX3	5501	Fed Home Loan Mort Corp-CN		01/28/2021	1,000,000.00	907,161.83	999,444.59	0.375	0.400	1,699	815	09/23/2025
3135G0V34	5429	Fed Natl Mortgage Assoc		12/11/2019	5,000,000.00	4,911,434.60	5,022,853.88	2.500	1.700	1,517	219	02/05/2024
3136G4T52	5465	Fed Natl Mortgage Assoc		08/26/2020	4,050,000.00	3,747,195.96	4,050,000.00	0.520	0.520	1,644	605	02/25/2025
3135G04Z3	5488	Fed Natl Mortgage Assoc		12/09/2020	5,000,000.00	4,589,503.30	5,008,733.93	0.500	0.410	1,651	717	06/17/2025
3135GA2Z3	5491	Fed Natl Mortgage Assoc		12/10/2020	5,000,000.00	4,530,259.45	5,000,000.00	0.560	0.560	1,803	870	11/17/2025
3135G04Z3	5494	Fed Natl Mortgage Assoc		01/13/2021	5,000,000.00	4,589,503.30	5,001,935.52	0.500	0.480	1,616	717	06/17/2025
3135G05X7	5495	Fed Natl Mortgage Assoc		01/12/2021	5,000,000.00	4,548,751.50	4,989,365.06	0.375	0.475	1,686	786	08/25/2025
3135G06G3	5497	Fed Natl Mortgage Assoc		01/20/2021	4,900,000.00	4,439,897.01	4,904,488.65	0.500	0.461	1,752	860	11/07/2025
3135G04Z3	5502	Fed Natl Mortgage Assoc		02/04/2021	5,000,000.00	4,589,503.30	5,010,197.28	0.500	0.395	1,594	717	06/17/2025
3135G03U5	5506	Fed Natl Mortgage Assoc		02/26/2021	5,000,000.00	4,623,233.00	5,001,325.06	0.625	0.610	1,516	661	04/22/2025
3135G03U5	5511	Fed Natl Mortgage Assoc		03/05/2021	5,000,000.00	4,623,233.00	5,007,573.84	0.625	0.540	1,509	661	04/22/2025
3135G0K36	5520	Fed Natl Mortgage Assoc		08/27/2021	5,000,000.00	4,674,259.15	5,185,465.98	2.125	0.780	1,701	1,028	04/24/2026
3135G03U5	5548	Fed Natl Mortgage Assoc		06/22/2022	2,000,000.00	1,849,293.20	1,906,243.24	0.625	3.364	1,035	661	04/22/2025
3135G0U43	5341	FNMA Discount Notes		02/12/2019	3,000,000.00	2,984,545.38	3,001,822.76	2.875	2.546	1,673	73	09/12/2023
		Subtotal and Average	**296,169,593.23**		**301,093,000.00**	**284,234,728.01**	**300,875,152.38**		**1.757**	**1,472**	**682**	
Negotiable CD's - Interest Bearing												
79772FAF3	5445	San Francisco FCU		03/27/2020	240,000.00	222,742.73	240,000.00	1.100	1.094	1,826	635	03/27/2025
		Subtotal and Average	**240,000.00**		**240,000.00**	**222,742.73**	**240,000.00**		**1.094**	**1,826**	**635**	
LAIF												
SYS88-0237LAIF	88-0237LAIF	Local Agency Investment Fund			64,161,795.83	64,161,795.83	64,161,795.83	2.740	2.740	1	1	
		Subtotal and Average	**73,161,795.83**		**64,161,795.83**	**64,161,795.83**	**64,161,795.83**		**2.740**	**1**	**1**	
Medium Term Notes												
037833DX5	5505	Apple Inc		02/23/2021	2,000,000.00	1,826,850.44	1,995,206.23	0.550	0.664	1,639	781	08/20/2025
		Subtotal and Average	**1,995,115.84**		**2,000,000.00**	**1,826,850.44**	**1,995,206.23**		**0.664**	**1,639**	**781**	
Money Market Account												
23380W523	4102	Daily Income US Gov MMF			43,407,973.84	43,407,973.84	43,407,973.84	4.430	4.430	1	1	
		Subtotal and Average	**36,449,046.00**		**43,407,973.84**	**43,407,973.84**	**43,407,973.84**		**4.430**	**1**	**1**	

Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Details - Investments
June 30, 2023

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Term	Days to Maturity	Maturity Date
TimeCD_Deposit Account												
SYS5317	5317	Excite CU FKA Alliance CU			0.00	0.00	0.00	2.240	2.240	1	1	
SYS5311	5311	Bank of San Francisco			238,157.77	238,157.77	238,157.77	0.880	0.880	1	1	
SYS5481	5481	Bank of San Francisco			14,168,931.31	14,168,931.31	14,168,931.31	0.449	0.449	1	1	
SYS5540	5540	Bank of San Francisco			4,058,831.54	4,058,831.54	4,058,831.54	1.242	1.242	1	1	
SYS5309	5309	Community Bank of the Bay			250,000.00	250,000.00	250,000.00	1.050	1.050	1	1	
SYS5371	5371	Community Bank of the Bay			5,206,837.55	5,206,837.55	5,206,837.55	0.500	0.500	1	1	
SYS4912	4912	Deposit Account			112,335,479.09	112,335,479.09	112,335,479.09	0.050	0.050	1	1	
SYS5398	5398	Meriwest Credit Union			5,211,054.72	5,211,054.72	5,211,054.72	3.150	3.150	1	1	
SYS5570	5570	Meriwest Credit Union		05/23/2023	5,018,031.55	5,018,031.55	5,018,031.55	3.720	3.720	1	1	
SYS5556	5556	Provident Credit Union		07/28/2022	234,317.07	234,317.07	234,317.07	2.018	2.018	1	1	
SYS5310	5310	Technology Credit Union			239,004.73	239,004.73	239,004.73	1.000	1.000	1	1	
SYS5369	5369	Technology Credit Union			15,804,430.77	15,804,430.77	15,804,430.77	3.040	3.040	1	1	
SYS5553	5553	Union Bank (NIB)			0.00	0.00	0.00		0.000	1	1	
		Subtotal and Average	**108,743,251.23**		**162,765,076.10**	**162,765,076.10**	**162,765,076.10**		**0.639**	**1**	**1**	
Supranational												
4581X0DL9	5517	Inter-American Dev't Bank		05/20/2021	2,000,000.00	1,860,247.58	2,009,373.38	0.875	0.604	1,414	642	04/03/2025
4581X0DK1	5503	INTERAMERI DEV		02/05/2021	3,000,000.00	2,836,422.36	3,068,536.63	1.750	0.396	1,498	622	03/14/2025
459058GL1	5290	INTL BK RECON & DEVELOP		12/03/2018	3,000,000.00	2,982,831.00	3,000,294.60	3.000	2.955	1,759	88	09/27/2023
459058JL8	5518	INTL BK RECON & DEVELOP		05/24/2021	2,000,000.00	1,814,944.44	1,988,605.46	0.500	0.750	1,618	850	10/28/2025
45950VPT7	5509	INTL FINANCE CORP		03/15/2021	5,000,000.00	4,400,531.25	5,000,000.00	0.500	0.500	1,826	988	03/15/2026
		Subtotal and Average	**15,068,498.58**		**15,000,000.00**	**13,894,976.63**	**15,066,810.07**		**1.015**	**1,663**	**670**	
Municipal Bonds												
54438CYK2	5484	Los Angeles Community College		11/10/2020	1,000,000.00	908,780.00	1,000,000.00	0.773	0.773	1,725	762	08/01/2025
010878AS5	5541	County of Alameda		05/26/2022	500,000.00	487,770.00	514,374.68	4.000	3.000	1,528	1,127	08/01/2026
127109QA7	5402	Cabrillo Comnt		10/08/2019	1,230,000.00	1,185,609.30	1,230,000.00	2.034	2.034	1,759	397	08/01/2024
13067WSW3	5542	CA Department Water Resources		05/26/2022	440,000.00	387,987.60	408,167.45	1.051	3.350	1,650	1,249	12/01/2026
13067WRC8	5545	CA Department Water Resources		05/27/2022	500,000.00	452,025.00	474,829.19	0.790	3.000	1,284	884	12/01/2025
13034AL65	5487	CA Infrastructure & Econ Dev		12/17/2020	1,250,000.00	1,137,100.00	1,250,000.00	0.765	0.765	1,749	823	10/01/2025
357172B79	5515	Fremont Unified High Sch Dstt		05/26/2021	100,000.00	91,768.00	100,000.00	0.845	0.845	1,528	762	08/01/2025
357172B61	5516	Fremont Unified High Sch Dstt		05/26/2021	750,000.00	713,017.50	750,000.00	0.553	0.553	1,163	397	08/01/2024
368079HT9	5364	Gavilan Joint Community CLG-A1		04/18/2019	400,000.00	399,104.00	400,000.00	2.620	2.619	1,566	31	08/01/2023
368079KB4	5471	Gavilan Joint Community CLG-A1		10/15/2020	750,000.00	747,210.00	750,000.00	0.524	0.524	1,020	31	08/01/2023
368079KC2	5472	Gavilan Joint Community CLG-A1		10/15/2020	600,000.00	569,478.00	600,000.00	0.739	0.739	1,386	397	08/01/2024
376087FY3	5414	Gilroy USD		10/31/2019	600,000.00	598,242.00	600,000.00	1.793	1.793	1,370	31	08/01/2023

Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Details - Investments
June 30, 2023

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Term	Days to Maturity	Maturity Date
Municipal Bonds												
376087FZ0	5415	Gilroy USD		10/31/2019	550,000.00	527,642.50	550,000.00	1.833	1.833	1,736	397	08/01/2024
54465AGP1	5368	LA County Redev Agency		04/22/2019	1,750,000.00	1,739,430.00	1,748,679.64	2.000	2.480	1,593	62	09/01/2023
530319SK9	5468	Liberty Union HSD		10/07/2020	800,000.00	760,392.00	800,000.00	0.650	0.643	1,394	397	08/01/2024
530319SL7	5469	Liberty Union HSD		10/07/2020	825,000.00	752,400.00	825,000.00	0.760	0.760	1,759	762	08/01/2025
542411NJ8	5413	Long Beach Community College		10/23/2019	2,500,000.00	2,401,350.00	2,500,000.00	1.803	1.803	1,744	397	08/01/2024
56781RJG3	5329	Marin CCD GO-B1		02/07/2019	600,000.00	598,746.00	600,000.00	2.895	2.895	1,636	31	08/01/2023
677765GV5	5401	Ohlone Community College		09/26/2019	2,000,000.00	1,926,900.00	2,000,000.00	1.814	1.814	1,771	397	08/01/2024
677765GW3	5480	Ohlone Community College		10/22/2020	2,865,000.00	2,682,986.55	2,939,700.00	1.975	0.700	1,744	762	08/01/2025
799306QJ7	5417	San Rafael CA Elem Sch Dist		11/13/2019	1,000,000.00	997,410.00	1,000,000.00	1.865	1.865	1,357	31	08/01/2023
801546QV7	5519	Cnty Santa Clara		07/28/2021	1,770,000.00	1,658,737.80	1,811,600.52	2.000	0.850	1,465	762	08/01/2025
79773KDC5	5512	SF City and County GO Bonds		03/30/2021	830,000.00	754,710.70	830,000.00	0.728	0.728	1,538	715	06/15/2025
798170AK2	5569	San Jose Redevelopment Ag		05/05/2023	3,000,000.00	2,810,940.00	2,933,371.25	3.226	4.049	1,549	1,492	08/01/2027
798189TM8	5566	San Jose Evergreen		03/15/2023	1,000,000.00	1,002,590.00	1,000,000.00	4.718	4.718	1,631	1,523	09/01/2027
798186N81	5493	San Jose Unified Sch District		01/20/2021	1,000,000.00	910,090.00	1,000,000.00	0.558	0.558	1,654	762	08/01/2025
798186N81	5546	San Jose Unified Sch District		05/31/2022	405,000.00	368,586.45	384,869.90	0.558	3.080	1,158	762	08/01/2025
802498UG8	5411	Santa Monica-Malibu USD		11/06/2019	650,000.00	648,082.50	650,000.00	1.669	1.669	1,364	31	08/01/2023
802498UH6	5412	Santa Monica-Malibu USD		11/06/2019	500,000.00	479,840.00	500,000.00	1.719	1.719	1,730	397	08/01/2024
835569GR9	5416	Sonoma County CA Jnr Clg Dist		11/12/2019	1,000,000.00	964,990.00	1,000,000.00	2.061	2.061	1,724	397	08/01/2024
799408Z85	5475	SAN RAMON VALLEY UNIFIED		10/20/2020	1,700,000.00	1,556,282.00	1,700,000.00	0.740	0.740	1,746	762	08/01/2025
799408Z93	5543	SAN RAMON VALLEY UNIFIED		05/26/2022	390,000.00	348,858.90	363,680.83	1.034	3.400	1,528	1,127	08/01/2026
91412GQF5	5365	University of California		05/15/2019	500,000.00	488,470.00	501,240.30	2.900	2.595	1,827	319	05/15/2024
923040GU7	5409	Ventura Cnty Comm College Dist		10/31/2019	1,000,000.00	963,000.00	1,000,000.00	1.800	1.800	1,736	397	08/01/2024
923040GT0	5410	Ventura Cnty Comm College Dist		10/31/2019	1,250,000.00	1,246,362.50	1,250,000.00	1.750	1.750	1,370	31	08/01/2023
923078CV9	5544	Ventura Cnty CA Public Fin		05/26/2022	990,000.00	903,889.80	948,191.06	1.323	3.250	1,255	854	11/01/2025
93974D5Q7	5279	Washington State GO Bond		10/01/2018	2,000,000.00	1,996,200.00	1,999,837.59	3.030	3.136	1,765	31	08/01/2023
		Subtotal and Average	**38,912,482.40**		**38,995,000.00**	**37,166,979.10**	**38,913,542.41**		**1.900**	**1,598**	**579**	
		Total and Average	**668,028,319.98**		**733,662,845.77**	**706,856,435.35**	**732,143,570.29**		**1.758**	**895**	**420**	

Santa Clara Valley Water Dist.
Portfolio Management
Portfolio Details - Cash
June 30, 2023

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 365	Days to Term	Days to Maturity
		Average Balance	0 00							0	0
		Total Cash and Investments	668,028,319.98		733,662,845.77	706,856,435.35	732,143,570.29		1.758	895	420

Santa Clara Valley Water Dist.
Transaction Activity Report
April 1, 2023 - June 30, 2023
Sorted by Transaction Date - Transaction Date
All Funds

SANTA CLARA VALLEY WATER
5750 Almaden Expressway
San Jose, San Jose, Ca 951
(408)265-2607

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
4102	82	23380W523	Money Market Fund	Purchase	04/03/2023			4,781.25			**-4,781.25**
4102	82	23380W523	Money Market Fund	Purchase	04/03/2023			8,750.00			**-8,750.00**
4102	82	23380W523	Money Market Fund	Purchase	04/03/2023			158,012.80			**-158,012 80**
5487	82	13034AL65	CASDEV 0.765%	Interest	04/03/2023	10/01/2025				4,781.25	**4,781.25**
5517	82	4581X0DL9	IABD 0.875% MAT	Interest	04/03/2023	04/03/2025				8,750.00	**8,750.00**
4102	82	23380W523	Money Market Fund	Interest	04/03/2023					158,012.80	**158,012.80**
		Totals for 04/03/2023						**171,544.05**		**171,544.05**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	04/17/2023			9,375.00			**-9,375.00**
4102	82	23380W523	Money Market Fund	Purchase	04/17/2023			131,250.00			**-131,250 00**
88-0237LAIF	82	SYS88-0237LAIF	LAIF 4.958%	Purchase	04/17/2023			487,633.19			**-487,633.19**
5532	82	91282CBV2	UNITED STATES	Interest	04/17/2023	04/15/2024				9,375.00	**9,375.00**
5547	82	91282CEH0	UNITED STATES	Interest	04/17/2023	04/15/2025				65,625.00	**65,625.00**
5549	82	91282CEH0	UNITED STATES	Interest	04/17/2023	04/15/2025				65,625.00	**65,625.00**
88-0237LAIF	82	SYS88-0237LAIF	LAIF 4.958%	Interest	04/17/2023					487,633.19	**487,633.19**
		Totals for 04/17/2023						**628,258.19**		**628,258.19**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	04/21/2023			56,250.00			**-56,250.00**
5537	82	3130ARKL4	FEDERAL HOME	Interest	04/21/2023	04/21/2027				56,250.00	**56,250.00**
		Totals for 04/21/2023						**56,250.00**		**56,250.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	04/24/2023			37,500.00			**-37,500.00**
4102	82	23380W523	Money Market Fund	Purchase	04/24/2023			53,125.00			**-53,125.00**
5506	82	3135G03U5	FEDERAL NATL MTG	Interest	04/24/2023	04/22/2025				15,625.00	**15,625.00**
5511	82	3135G03U5	FEDERAL NATL MTG	Interest	04/24/2023	04/22/2025				15,625.00	**15,625.00**
5520	82	3135G0K36	FEDERAL NATL MTG	Interest	04/24/2023	04/24/2026				53,125.00	**53,125.00**
5548	82	3135G03U5	FEDERAL NATL MTG	Interest	04/24/2023	04/22/2025				6,250.00	**6,250.00**
		Totals for 04/24/2023						**90,625.00**		**90,625.00**	**0 00**
5567	82	3130AVLU4	FEDERAL HOME	Purchase	04/25/2023	04/25/2028		5,000,000.00			**-5,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	04/25/2023			7,083.33			**-7,083.33**
4102	82	23380W523	Money Market Fund	Redemption	04/25/2023				5,000,000.00		**5,000,000.00**
5507	82	3130ALKL7	FEDERAL HOME	Interest	04/25/2023	03/25/2026				3,541.66	**3,541.66**
5508	82	3130ALKL7	FEDERAL HOME	Interest	04/25/2023	03/25/2026				3,541.67	**3,541.67**
		Totals for 04/25/2023						**5,007,083.33**	**5,000,000.00**	**7,083.33**	**0 00**
4102	82	23380W523	Money Market Fund	Redemption	04/26/2023				30,000,000.00		**30,000,000.00**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
		Totals for 04/26/2023							**30,000,000.00**		**30,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	04/27/2023			224.22			**-224.22**
5445	82	79772FAF3	SF FCU 1.1% MAT	Interest	04/27/2023	03/27/2025				224.22	**224 22**
		Totals for 04/27/2023						**224 22**		**224.22**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	04/28/2023			62,500.00			**-62,500.00**
4102	82	23380W523	Money Market Fund	Purchase	04/28/2023			59,375.00			**-59,375.00**
4102	82	23380W523	Money Market Fund	Purchase	04/28/2023			10,250.00			**-10,250.00**
4102	82	23380W523	Money Market Fund	Purchase	04/28/2023			5,000.00			**-5,000.00**
5477	82	3134GW3W4	FHLMC 0.41% MAT	Interest	04/28/2023	10/28/2024				10,250.00	**10,250.00**
5513	82	3130AM2K7	FEDERAL HOME	Interest	04/28/2023	04/28/2026				62,500.00	**62,500.00**
5518	82	459058JL8	IBRD 0.5% MAT	Interest	04/28/2023	10/28/2025				5,000.00	**5,000.00**
5539	82	3130ARQB0	FEDERAL HOME	Interest	04/28/2023	04/28/2025				59,375.00	**59,375.00**
		Totals for 04/28/2023						**137,125.00**		**137,125.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			33,000.00			**-33,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			11,250.00			**-11,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			9,375.00			**-9,375.00**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			18,750.00			**-18,750.00**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			6,548.85			**-6,548.85**
4102	82	23380W523	Money Market Fund	Purchase	05/01/2023			174,908.43			**-174,908.43**
5382	82	3133EHN25	FEDERAL FARM CR	Interest	05/01/2023	11/01/2023				33,000.00	**33,000.00**
5478	82	3134GW5Q5	FEDERAL HOME LN	Interest	05/01/2023	01/29/2025				11,250.00	**11,250.00**
5523	82	912828ZL7	UNITED STATES	Interest	05/01/2023	04/30/2025				9,375.00	**9,375.00**
5529	82	91282CBW0	UNITED STATES	Interest	05/01/2023	04/30/2026				18,750.00	**18,750.00**
5544	82	923078CV9	VENTURA CNTY	Interest	05/01/2023	11/01/2025				6,548.85	**6,548.85**
4102	82	23380W523	Money Market Fund	Interest	05/01/2023					174,908.43	**174,908.43**
		Totals for 05/01/2023						**253,832.28**		**253,832.28**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/02/2023			45,000.00			**-45,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/02/2023			3,000,000.00			**-3,000,000.00**
5318	82	3133EJP60	FEDERAL FARM CR	Redemption	05/02/2023	05/02/2023	Maturity		3,000,000.00		**3,000,000.00**
5318	82	3133EJP60	FEDERAL FARM CR	Interest	05/02/2023	05/02/2023				45,000.00	**45,000.00**
		Totals for 05/02/2023						**3,045,000.00**	**3,000,000.00**	**45,000.00**	**0 00**
5569	82	798170AK2	SJSDEV 3.226% MAT	Purchase	05/05/2023	08/01/2027		2,929,870.33			**-2,929,870.33**
4102	82	23380W523	Money Market Fund	Redemption	05/05/2023				25,270.33		**25,270.33**
4102	82	23380W523	Money Market Fund	Redemption	05/05/2023				2,904,600.00		**2,904,600.00**
		Totals for 05/05/2023						**2,929,870.33**	**2,929,870.33**		**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/08/2023			34,500.00			**-34,500.00**
4102	82	23380W523	Money Market Fund	Purchase	05/08/2023			12,250.00			**-12,250.00**
5383	82	3133EKKU9	FEDERAL FARM CR	Interest	05/08/2023	11/08/2023				34,500.00	**34,500.00**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
5497	82	3135G06G3	FEDERAL NATL MTG	Interest	05/08/2023	11/07/2025				12,250.00	**12,250.00**
		Totals for 05/08/2023						**46,750.00**		**46,750.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/11/2023			20,500.00			**-20,500.00**
5514	82	3133EMYV8	FEDERAL FARM CR	Interest	05/11/2023	05/11/2026				20,500.00	**20,500.00**
		Totals for 05/11/2023						**20,500.00**		**20,500.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/12/2023			15,000.00			**-15,000.00**
5485	82	3134GXBM5	FEDERAL HOME LN	Interest	05/12/2023	11/12/2025				15,000.00	**15,000.00**
		Totals for 05/12/2023						**15,000.00**		**15,000.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			48,832.50			**-48,832.50**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			55,257.50			**-55,257.50**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			26,250.00			**-26,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			62,500.00			**-62,500.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			6,250.00			**-6,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			21,518.75			**-21,518.75**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			7,250.00			**-7,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			7,971.00			**-7,971.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			4,596,000.00			**-4,596,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			4,805,000.00			**-4,805,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			3,000,000.00			**-3,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			1,565,000.00			**-1,565,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/15/2023			600,000.00			**-600,000 00**
5353	82	91412HEX7	UNIVERSITY CALIF	Redemption	05/15/2023	05/15/2023	Maturity		600,000.00		**600,000.00**
5370	82	91412GQE8	UNIVERSITY CALIF	Redemption	05/15/2023	05/15/2023	Maturity		1,565,000.00		**1,565,000.00**
5372	82	3133EKLA2	FEDERAL FARM CR	Redemption	05/15/2023	05/15/2023	Maturity		3,000,000.00		**3,000,000.00**
5375	82	3133EKLA2	FEDERAL FARM CR	Redemption	05/15/2023	05/15/2023	Maturity		1,805,000.00		**1,805,000.00**
5384	82	912828VB3	UNITED STATES	Redemption	05/15/2023	05/15/2023	Maturity		3,000,000.00		**3,000,000.00**
5385	82	3133ECPM0	FEDERAL FARM CR	Redemption	05/15/2023	05/15/2023	Maturity		4,596,000.00		**4,596,000.00**
5353	82	91412HEX7	UNIVERSITY CALIF	Interest	05/15/2023	05/15/2023				7,971.00	**7,971.00**
5365	82	91412GQF5	UNIVERSITY CALIF	Interest	05/15/2023	05/15/2024				7,250.00	**7,250.00**
5370	82	91412GQE8	UNIVERSITY CALIF	Interest	05/15/2023	05/15/2023				21,518.75	**21,518.75**
5372	82	3133EKLA2	FEDERAL FARM CR	Interest	05/15/2023	05/15/2023				34,500.00	**34,500.00**
5375	82	3133EKLA2	FEDERAL FARM CR	Interest	05/15/2023	05/15/2023				20,757.50	**20,757.50**
5384	82	912828VB3	UNITED STATES	Interest	05/15/2023	05/15/2023				26,250.00	**26,250.00**
5385	82	3133ECPM0	FEDERAL FARM CR	Interest	05/15/2023	05/15/2023				48,832.50	**48,832.50**
5534	82	91282CCC3	UNITED STATES	Interest	05/15/2023	05/15/2024				6,250.00	**6,250.00**
5535	82	912828WJ5	UNITED STATES	Interest	05/15/2023	05/15/2024				62,500.00	**62,500.00**
		Totals for 05/15/2023						**14,801,829.75**	**14,566,000.00**	**235,829.75**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/16/2023			74,897.22			**-74,897.22**
4102	82	23380W523	Money Market Fund	Purchase	05/16/2023			4,925,102.78			**-4,925,102.78**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
5560	82	912797FE2	UNITED STATES	Redemption	05/16/2023	05/16/2023	Maturity		5,000,000.00		**5,000,000.00**
		Totals for 05/16/2023						**5,000,000.00**	**5,000,000.00**		**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/17/2023			42,250.00			**-42,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/17/2023			14,000.00			**-14,000.00**
4102	82	23380W523	Money Market Fund	Purchase	05/17/2023			5,000,000.00			**-5,000,000.00**
5432	82	3133ELEL4	FEDERAL FARM CR	Redemption	05/17/2023	05/17/2023	Maturity		5,000,000.00		**5,000,000.00**
5432	82	3133ELEL4	FEDERAL FARM CR	Interest	05/17/2023	05/17/2023				42,250.00	**42,250.00**
5491	82	3135GA2Z3	FEDERAL NATL MTG	Interest	05/17/2023	11/17/2025				14,000.00	**14,000.00**
		Totals for 05/17/2023						**5,056,250.00**	**5,000,000.00**	**56,250.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/23/2023			76,027.80			**-76,027.80**
4102	82	23380W523	Money Market Fund	Purchase	05/23/2023			4,923,972.20			**-4,923,972.20**
5561	82	912797FF9	UNITED STATES	Redemption	05/23/2023	05/23/2023	Maturity		5,000,000.00		**5,000,000.00**
		Totals for 05/23/2023						**5,000,000.00**	**5,000,000.00**		**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/25/2023			7,083.33			**-7,083.33**
5507	82	3130ALKL7	FEDERAL HOME	Interest	05/25/2023	03/25/2026				3,541.66	**3,541.66**
5508	82	3130ALKL7	FEDERAL HOME	Interest	05/25/2023	03/25/2026				3,541.67	**3,541.67**
		Totals for 05/25/2023						**7,083.33**		**7,083.33**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/30/2023			32,500.00			**-32,500.00**
4102	82	23380W523	Money Market Fund	Purchase	05/30/2023			216.99			**-216.99**
5445	82	79772FAF3	SF FCU 1.1% MAT	Interest	05/30/2023	03/27/2025				216.99	**216 99**
5530	82	3130AQTK9	FEDERAL HOME	Interest	05/30/2023	05/28/2024				32,500.00	**32,500.00**
		Totals for 05/30/2023						**32,716.99**		**32,716.99**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	05/31/2023			71,875.00			**-71,875.00**
4102	82	23380W523	Money Market Fund	Purchase	05/31/2023			100,000.00			**-100,000 00**
4102	82	23380W523	Money Market Fund	Purchase	05/31/2023			41,250.00			**-41,250.00**
4102	82	23380W523	Money Market Fund	Purchase	05/31/2023			48,750.00			**-48,750.00**
5496	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
5499	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
5500	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
5521	82	91282CCF6	UNITED STATES	Interest	05/31/2023	05/31/2026				18,750.00	**18,750.00**
5522	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				3,750.00	**3,750.00**
5525	82	9128284R8	UNITED STATES	Interest	05/31/2023	05/31/2025				71,875.00	**71,875.00**
5526	82	91282CCF6	UNITED STATES	Interest	05/31/2023	05/31/2026				11,250.00	**11,250.00**
5527	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
5528	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
5531	82	912828XT2	UNITED STATES	Interest	05/31/2023	05/31/2024				50,000.00	**50,000.00**
5536	82	912828XT2	UNITED STATES	Interest	05/31/2023	05/31/2024				50,000.00	**50,000.00**
5538	82	91282CCF6	UNITED STATES	Interest	05/31/2023	05/31/2026				18,750.00	**18,750.00**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
5550	82	912828ZT0	UNITED STATES	Interest	05/31/2023	05/31/2025				6,250.00	**6,250.00**
		Totals for 05/31/2023						**261,875.00**		**261,875.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/01/2023			1,975.00			**-1,975.00**
4102	82	23380W523	Money Market Fund	Purchase	06/01/2023			2,312.20			**-2,312.20**
4102	82	23380W523	Money Market Fund	Redemption	06/01/2023				12,000,000.00		**12,000,000.00**
5542	82	13067WSW3	CADWR 1.051% MAT	Interest	06/01/2023	12/01/2026				2,312.20	**2,312.20**
5545	82	13067WRC8	CALIFORNIA ST	Interest	06/01/2023	12/01/2025				1,975.00	**1,975.00**
		Totals for 06/01/2023						**4,287.20**	**12,000,000.00**	**4,287.20**	**12,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	06/02/2023			136,432.61			**-136,432.61**
4102	82	23380W523	Money Market Fund	Interest	06/02/2023					136,432.61	**136,432.61**
		Totals for 06/02/2023						**136,432.61**		**136,432.61**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/05/2023			23,109.38			**-23,109.38**
4102	82	23380W523	Money Market Fund	Purchase	06/05/2023			2,175,000.00			**-2,175,000.00**
5425	82	3133EKPT7	FEDERAL FARM CR	Redemption	06/05/2023	06/05/2023	Maturity		2,175,000.00		**2,175,000.00**
5425	82	3133EKPT7	FEDERAL FARM CR	Interest	06/05/2023	06/05/2023				23,109.38	**23,109.38**
		Totals for 06/05/2023						**2,198,109.38**	**2,175,000.00**	**23,109.38**	**0 00**
5571	82	3130ATUR6	FEDERAL HOME	Purchase	06/07/2023	12/13/2024		3,071,053.75			**-3,071,053.75**
5572	82	3130AQ4B6	FEDERAL HOME	Purchase	06/07/2023	12/23/2024		2,849,600.00			**-2,849,600.00**
4102	82	23380W523	Money Market Fund	Redemption	06/07/2023				16,400.00		**16,400.00**
4102	82	23380W523	Money Market Fund	Redemption	06/07/2023				82,093.75		**82,093.75**
4102	82	23380W523	Money Market Fund	Redemption	06/07/2023				2,833,200.00		**2,833,200.00**
4102	82	23380W523	Money Market Fund	Redemption	06/07/2023				2,988,960.00		**2,988,960.00**
		Totals for 06/07/2023						**5,920,653.75**	**5,920,653.75**		**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/08/2023			33,750.00			**-33,750.00**
4102	82	23380W523	Money Market Fund	Purchase	06/08/2023			62,500.00			**-62,500.00**
5374	82	3130A3VC5	FEDERAL HOME	Interest	06/08/2023	12/08/2023				33,750.00	**33,750.00**
5390	82	3130AAHE1	FEDERAL HOME	Interest	06/08/2023	12/08/2023				62,500.00	**62,500.00**
		Totals for 06/08/2023						**96,250.00**		**96,250.00**	**0 00**
5573	82	3130AWE22	FEDERAL HOME	Purchase	06/09/2023	07/09/2024		5,000,000.00			**-5,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	06/09/2023			108,800.00			**-108,800 00**
4102	82	23380W523	Money Market Fund	Purchase	06/09/2023			11,000.00			**-11,000.00**
4102	82	23380W523	Money Market Fund	Purchase	06/09/2023			10,240,000.00			**-10,240,000.00**
5378	82	3133834G3	FEDERAL HOME	Redemption	06/09/2023	06/09/2023	Maturity		3,000,000.00		**3,000,000.00**
5423	82	3133834G3	FEDERAL HOME	Redemption	06/09/2023	06/09/2023	Maturity		3,000,000.00		**3,000,000.00**
5424	82	3133834G3	FEDERAL HOME	Redemption	06/09/2023	06/09/2023	Maturity		3,240,000.00		**3,240,000.00**
5427	82	3133834G3	FEDERAL HOME	Redemption	06/09/2023	06/09/2023	Maturity		1,000,000.00		**1,000,000.00**
4102	82	23380W523	Money Market Fund	Redemption	06/09/2023				5,000,000.00		**5,000,000.00**
5378	82	3133834G3	FEDERAL HOME	Interest	06/09/2023	06/09/2023				31,875.00	**31,875.00**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
5423	82	3133834G3	FEDERAL HOME	Interest	06/09/2023	06/09/2023				31,875.00	**31,875.00**
5424	82	3133834G3	FEDERAL HOME	Interest	06/09/2023	06/09/2023				34,425.00	**34,425.00**
5427	82	3133834G3	FEDERAL HOME	Interest	06/09/2023	06/09/2023				10,625.00	**10,625.00**
5489	82	3133EMJS2	FEDERAL FARM CR	Interest	06/09/2023	12/09/2024				11,000.00	**11,000.00**
		Totals for 06/09/2023						**15,359,800.00**	**15,240,000.00**	**119,800.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/13/2023			68,750.00			**-68,750.00**
4102	82	23380W523	Money Market Fund	Purchase	06/13/2023			84,406.25			**-84,406.25**
5466	82	3130A3GE8	FEDERAL HOME	Interest	06/13/2023	12/13/2024				68,750.00	**68,750.00**
5571	82	3130ATUR6	FEDERAL HOME	Interest	06/13/2023	12/13/2024				84,406.25	**84,406.25**
5571	82	3130ATUR6	FEDERAL HOME	Accr Int	06/13/2023	12/13/2024			82,093.75	-82,093.75	**0 00**
		Totals for 06/13/2023						**153,156.25**	**82,093.75**	**71,062.50**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/15/2023			3,021.20			**-3,021.20**
5512	82	79773KDC5	SFO GO 0.728% MAT	Interest	06/15/2023	06/15/2025				3,021.20	**3,021.20**
		Totals for 06/15/2023						**3,021.20**		**3,021.20**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/16/2023			9,375.00			**-9,375.00**
5486	82	3134GXFX7	FEDERAL HOME LN	Interest	06/16/2023	09/16/2024				9,375.00	**9,375.00**
		Totals for 06/16/2023						**9,375.00**		**9,375.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/20/2023			52,500.00			**-52,500.00**
4102	82	23380W523	Money Market Fund	Purchase	06/20/2023			37,500.00			**-37,500.00**
5381	82	3133EDBU5	FEDERAL FARM CR	Interest	06/20/2023	12/20/2023				52,500.00	**52,500.00**
5488	82	3135G04Z3	FNMA 0.5% MAT	Interest	06/20/2023	06/17/2025				12,500.00	**12,500.00**
5494	82	3135G04Z3	FNMA 0.5% MAT	Interest	06/20/2023	06/17/2025				12,500.00	**12,500.00**
5502	82	3135G04Z3	FNMA 0.5% MAT	Interest	06/20/2023	06/17/2025				12,500.00	**12,500.00**
		Totals for 06/20/2023						**90,000.00**		**90,000.00**	**0 00**
5574	82	3130AV5N8	FEDERAL HOME	Purchase	06/21/2023	12/13/2024		5,005,455.56			**-5,005,455.56**
5575	82	91282CFX4	UNITED STATES	Purchase	06/21/2023	11/30/2024		4,979,009.84			**-4,979,009.84**
4102	82	23380W523	Money Market Fund	Redemption	06/21/2023				5,555.56		**5,555.56**
4102	82	23380W523	Money Market Fund	Redemption	06/21/2023				12,909.84		**12,909.84**
4102	82	23380W523	Money Market Fund	Redemption	06/21/2023				4,999,900.00		**4,999,900.00**
4102	82	23380W523	Money Market Fund	Redemption	06/21/2023				4,966,100.00		**4,966,100.00**
		Totals for 06/21/2023						**9,984,465.40**	**9,984,465.40**		**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/23/2023			18,000.00			**-18,000.00**
5572	82	3130AQ4B6	FEDERAL HOME	Interest	06/23/2023	12/23/2024				18,000.00	**18,000.00**
5572	82	3130AQ4B6	FEDERAL HOME	Accr Int	06/23/2023	12/23/2024			16,400.00	-16,400.00	**0 00**
		Totals for 06/23/2023						**18,000.00**	**16,400.00**	**1,600.00**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/26/2023			26,550.00			**-26,550.00**
4102	82	23380W523	Money Market Fund	Purchase	06/26/2023			7,083.33			**-7,083.33**

Investment #	Fund	CUSIP	Inv Descrip	TransactionType	TransactionDate	MaturityDate	RedemptionType	New Principal	Principal Paydowns	Interest	Total Cash
4102	82	23380W523	Money Market Fund	Purchase	06/26/2023			3,000,000.00			**-3,000,000.00**
5387	82	3133EKSN7	FFCB 1.77% MAT	Redemption	06/26/2023	06/26/2023	Maturity		3,000,000.00		**3,000,000.00**
4102	82	23380W523	Money Market Fund	Redemption	06/26/2023				875.00		**875 00**
5387	82	3133EKSN7	FFCB 1.77% MAT	Interest	06/26/2023	06/26/2023				26,550.00	**26,550.00**
5507	82	3130ALKL7	FEDERAL HOME	Interest	06/26/2023	03/25/2026				3,541.66	**3,541.66**
5508	82	3130ALKL7	FEDERAL HOME	Interest	06/26/2023	03/25/2026				3,541.67	**3,541.67**
		Totals for 06/26/2023						**3,033,633.33**	**3,000,875.00**	**33,633.33**	**875 00**
5576	82	3133EPDC6	FFCB 5.35% MAT	Purchase	06/27/2023	03/13/2028		5,102,777.78			**-5,102,777.78**
5577	82	91282CDH1	T-BILL 0.75% MAT	Purchase	06/27/2023	11/15/2024		4,717,858.34			**-4,717,858.34**
4102	82	23380W523	Money Market Fund	Purchase	06/27/2023			224.22			**-224.22**
4102	82	23380W523	Money Market Fund	Redemption	06/27/2023				5,025,500.00		**5,025,500.00**
4102	82	23380W523	Money Market Fund	Redemption	06/27/2023				4,713,476.55		**4,713,476.55**
4102	82	23380W523	Money Market Fund	Redemption	06/27/2023				77,277.78		**77,277.78**
4102	82	23380W523	Money Market Fund	Redemption	06/27/2023				4,381.79		**4,381.79**
5445	82	79772FAF3	SF FCU 1.1% MAT	Interest	06/27/2023	03/27/2025				224.22	**224 22**
		Totals for 06/27/2023						**9,820,860.34**	**9,820,636.12**	**224.22**	**0 00**
4102	82	23380W523	Money Market Fund	Purchase	06/28/2023			244,500.00			**-244,500 00**
4102	82	23380W523	Money Market Fund	Purchase	06/28/2023			10,500.00			**-10,500.00**
88-0237LAIF	82	SYS88-0237LAIF	LAIF 4.958%	Redemption	06/28/2023				10,000,000.00		**10,000,000.00**
5492	82	3134GXJB1	FEDERAL HOME LN	Interest	06/28/2023	03/28/2025				10,500.00	**10,500.00**
5557	82	3133EN5G1	FEDERAL FARM CR	Interest	06/28/2023	12/28/2023				244,500.00	**244,500.00**
		Totals for 06/28/2023						**255,000.00**	**10,000,000.00**	**255,000.00**	**10,000,000.00**
4102	82	23380W523	Money Market Fund	Purchase	06/29/2023			20,000,000.00			**-20,000,000.00**
		Totals for 06/29/2023						**20,000,000.00**			**-20,000,000.00**
		Grand Total						**109,644,861.93**	**138,735,994.35**	**2,909,742.58**	**32,000,875.00**

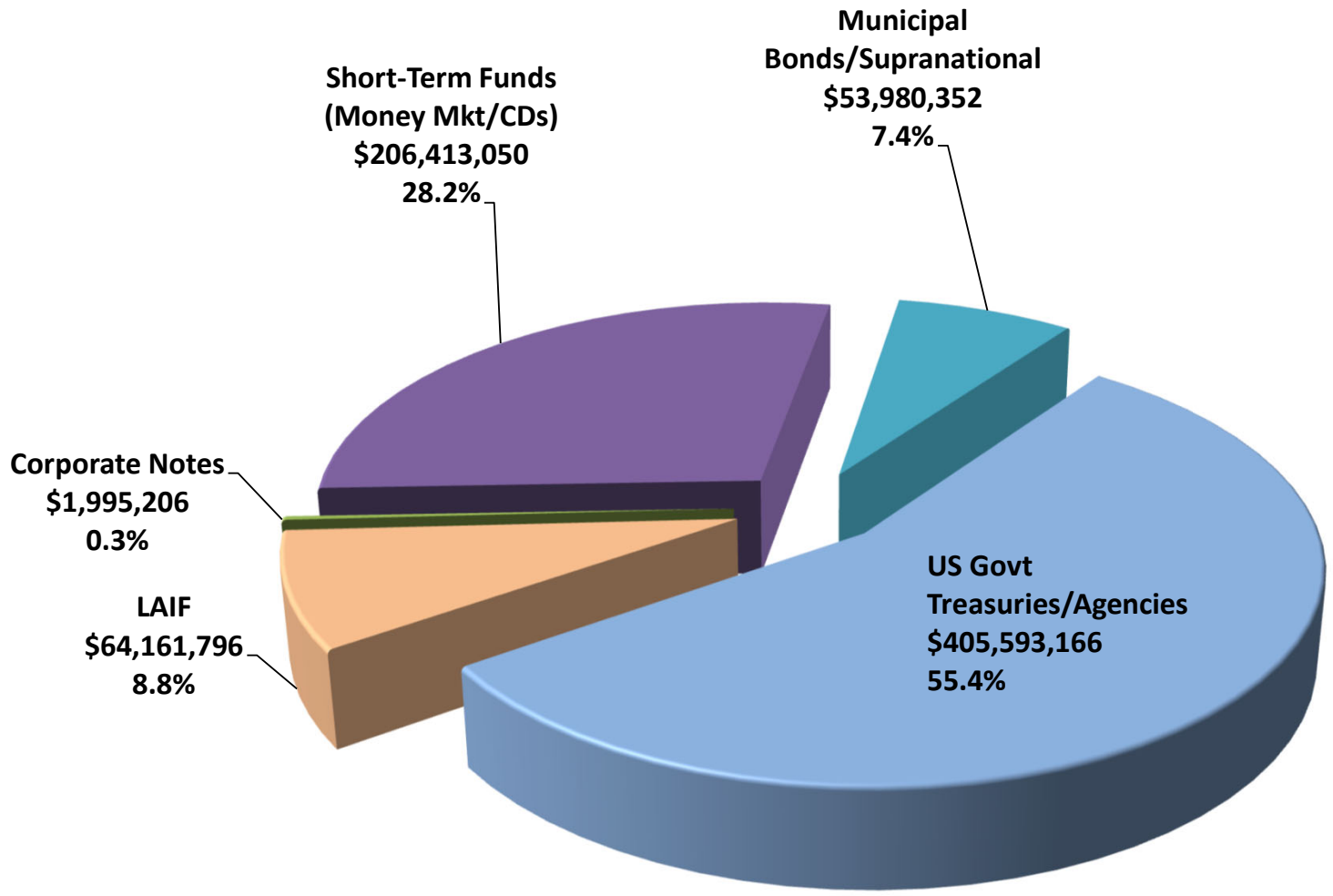
SANTA CLARA VALLEY WATER
5750 Almaden Expressway
San Jose, San Jose, Ca 951
(408)265-2607

Santa Clara Valley Water Dist.
Purchases Report
Sorted by Fund - Fund
April 1, 2023 - June 30, 2023

CUSIP	Investment #	Fund	Sec. Type	Issuer	Original Par Value	Purchase Date	Payment Periods	Principal Purchased	Accrued Interest at Purchase	Rate at Purchase	Maturity Date	YTM	Ending Book Value
Treasury Management Fund													
3130AVLU4	5567	82	FAC	FHLB	5,000,000.00	04/25/2023	10/25 - 04/25	5,000,000.00		4.850	04/25/2028	4.850	5,000,000.00
798170AK2	5569	82	MUN	SJSDEV	3,000,000.00	05/05/2023	08/01 - 02/01	2,904,600.00	25,270.33	3.226	08/01/2027	4.049	2,933,371.25
SYS5570	5570	82	PA3	MERI	5,000,000.00	05/23/2023	05/31 - Monthly	5,000,000.00		3.720		3.720	5,018,031.55
3130ATUR6	5571	82	FAC	FHLB	3,000,000.00	06/07/2023	06/13 - 12/13	2,988,960.00	Received	4.625	12/13/2024	4.879	2,989,445.27
3130AQ4B6	5572	82	FAC	FHLB	3,000,000.00	06/07/2023	06/23 - 12/23	2,833,200.00	Received	1.200	12/23/2024	4.985	2,840,400.00
3130AWE22	5573	82	FAC	FHLB	5,000,000.00	06/09/2023	07/09 - 01/09	5,000,000.00		5.080	07/09/2024	5.084	5,000,000.00
3130AV5N8	5574	82	FAC	FHLB	5,000,000.00	06/21/2023	12/13 - 06/13	4,999,900.00	5,555.56	5.000	12/13/2024	5.000	5,005,457.44
91282CFX4	5575	82	TRC	REPIND	5,000,000.00	06/21/2023	11/30 - 05/31	4,966,100.00	12,909.84	4.500	11/30/2024	4.991	4,979,651.89
3133EPDC6	5576	82	FAC	FFCB	5,000,000.00	06/27/2023	09/13 - 03/13	5,025,500.00	77,277.78	5.350	03/13/2028	5.224	5,102,717.64
91282CDH1	5577	82	TRC	T-BILL	5,000,000.00	06/27/2023	11/15 - 05/15	4,713,476.55	4,381.79	0.750	11/15/2024	5.093	4,720,118.88
				Subtotal	44,000,000.00			43,431,736.55	125,395.30				43,589,193.92
				Total Purchases	44,000,000.00			43,431,736.55	125,395.30				43,589,193.92

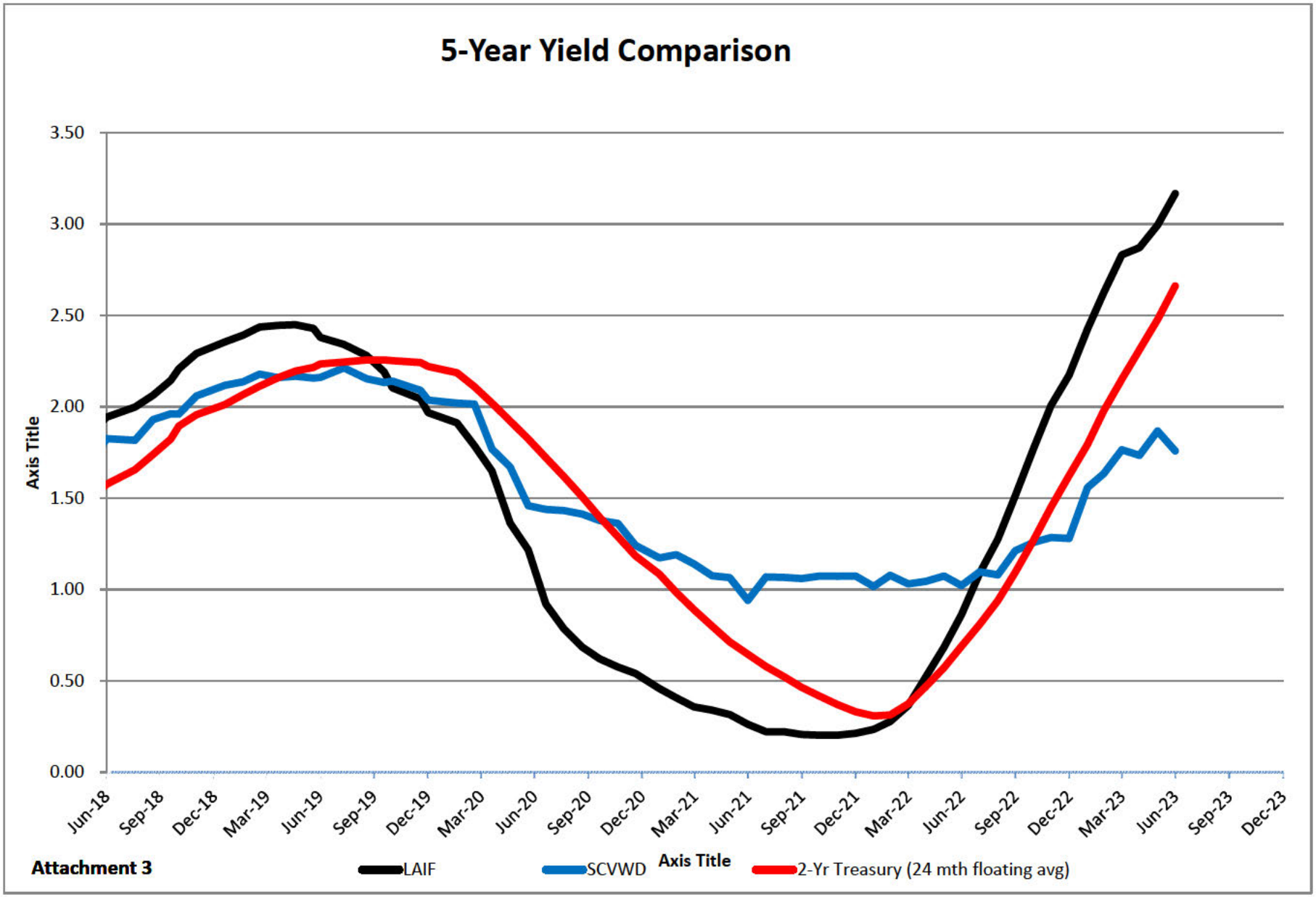
Received = Accrued Interest at Purchase was received by report ending date.

SCVWD Investment Portfolio Composition



SCVWD Portfolio Book Value as of June 30, 2023: $732,143,570

Attachment 2



INCOMING BOARD CORRESPONDENCE

Board Correspondence (open)

Correspond No	Rec'd By District	Rec'd By COB	Letter To	Letter From	Description	Disposition	BAO/ Chief	Staff	Draft Response Due Date	Draft Response Submitted	Writer Ack. Sent	Final Response Due Date
C-23-0030	01/18/23	01/18/23	All	STEPHEN QUAN	Email from Stephen Quan, to the Board of Directors, dated 01/18/23, regarding Dam Levels and the Drought.	Refer to Staff	Baker	Williams	01/26/23	01/31/23	n/a	02/01/23
C-23-0045	02/23/23	02/24/23	All	MELISSA MALLORY	EMail from Melissa Mallory regarding unhouse along Los Gatos Creek Trail.	Refer to Staff	Blank	Codianne Yerrapotu	03/04/23	03/03/23	n/a	03/10/23
C-23-0076	03/31/23	04/03/23	All	H.K. WILLARD	Email from H.K. Willard to the Board dated 3/31/23 regarding misleading information in March Water News.	Refer to Staff	Gibson	Rocha	04/11/23	04/07/23	n/a	04/17/23
C-23-0101	05/12/23	05/12/23	All	STEVE KELLY	Email from Steve Kelly, to the Board, dated 5/12/23, regarding concern for unhoused that may cause threat to residents living near the creeks in	Refer to Staff	Blank Yerrapotu	Codianne	05/20/23	05/22/23	n/a	05/26/23

Correspond No	Rec'd By District	Rec'd By COB	Letter To	Letter From	Description	Disposition	BAO/ Chief	Staff	Draft Response Due Date	Draft Response Submitted	Writer Ack. Sent	Final Response Due Date
					Santa Clara.							
C-23-0117	05/28/23	05/30/23	All	RAYMOND WHITE	Email from Dr. Raymond White to the Board, dated 5/28/23, requesting flouride warning message.	Refer to Staff	Baker	Bogale	06/07/23	06/02/23	n/a	06/13/23
C-23-0189	07/24/23	07/24/23	Santos	MICHELE KEEFHAVER	Email from Michele Keefhafer to Director Santos, dated 7/24/23, expressing frustration with Access Valley Water app and lack of response to report of garbage in Berryessa Creek.	Refer to Staff	Hakes	Codianne	08/01/23	07/28/23	n/a	08/07/23

Michele King

Subject: FW: Message about emptying of ponds

From: Richard Santos <rsantos@valleywater.org>
Sent: Thursday, July 20, 2023 6:03 AM
To: Candice Kwok-Smith <ckwok-smith@valleywater.org>
Subject: FW: Message about emptying of ponds

From: Cohen, David <David.Cohen@sanjoseca.gov>
Sent: Wednesday, July 19, 2023 8:22 PM
To: Richard Santos <rsantos@valleywater.org>
Subject: Message about emptying of ponds

Dick,

Just wanted to follow up on our conversation last week. Can you provide a written explanation for the Water District's management of the Penitencia Creek Park pond and the Noble Perc Ponds so I can respond accurately to questions about why they are empty despite all the ran this year?

Thanks,
David

OFFICE OF SAN JOSE DISTRICT 4
COUNCILMEMBER
DAVID COHEN
ALVISO • BERRYESSA • NORTH SAN JOSE

David Cohen
Councilmember
408.535.4904
district4@sanjoseca.gov
City of San José | 200 E. Santa Clara St. | San José, CA 95113

Michele King

Subject: FW: Message about emptying of ponds

From: Cohen, David <David.Cohen@sanjoseca.gov>
Sent: Thursday, July 20, 2023 8:44 AM
To: Candice Kwok-Smith <ckwok-smith@valleywater.org>; Richard Santos <rsantos@valleywater.org>
Subject: Re: Message about emptying of ponds

Thank you for sending the letter. It's good to hear the details about the Perc Ponds and their work schedule.

I also get a lot of inquiries about the pond at Penitencia Creek Park behind the community center, which is also currently empty. Do you have a similar response about the decisions related to keeping water in that pond?

Thanks,
David

Get Outlook for iOS

From: Candice Kwok-Smith <ckwok-smith@valleywater.org> on behalf of Board of Directors <board@valleywater.org>
Sent: Thursday, July 20, 2023 11:20:28 AM
To: Cohen, David <David.Cohen@sanjoseca.gov>
Subject: FW: Message about emptying of ponds

Good morning Councilmember Cohen,

Please see the attached letter sent on behalf of Director Santos. Let me know if there is anything else you need.

Thanks,
Candice

CANDICE KWOK-SMITH
BOARD SUPPORT OFFICER
Santa Clara Valley Water District
Tel. (408) 630-3193 / Cell. (408) 768-3554

Valley Water

Clean Water • Healthy Environment • Flood Protection

5750 Almaden Expressway, San Jose CA 95118
www.valleywater.org

From: Cohen, David <David.Cohen@sanjoseca.gov>
Sent: Wednesday, July 19, 2023 8:22 PM
To: Richard Santos <rsantos@valleywater.org>
Subject: Message about emptying of ponds

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Thanks,
David

OFFICE OF SAN JOSE DISTRICT 4
COUNCILMEMBER
DAVID COHEN
ALVISO • BERRYESSA • NORTH SAN JOSE

David Cohen
Councilmember
408.535.4904
district4@sanjoseca.gov
City of San José | 200 E. Santa Clara St. | San José, CA 95113

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

Michele King

From: Bruce Neill [redacted]
Sent: Monday, July 24, 2023 7:40 AM
To: Madhu Thummaluru
Cc: Caitlin McAlpine; Evelyn Neill; Ty Cademartori; Norwita Powell; Preston Powell; Board of Directors; Bill Magleby; Jacqui Carrasco; Rafael Turcios
Subject: Re: Appraisal

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Madhu,

Thank you for the rapid reply. We too, look forward to a timely agreement on this.

Have a great day.

Bruce

On Mon, Jul 24, 2023 at 7:33 AM Madhu Thummaluru <MThummaluru@valleywater.org> wrote:

> Hi Bruce,
>
> Good morning and hope you had a good weekend. Thanks for the update. Valley Water real estate team or ARWS will reach out to you to discuss the next steps. We look forward to reaching a final agreement on this asap.
>
> Thanks
>
> Madhu Thummaluru
>
> 408-630-2256 (Office)
>
> 408-800-9455 (Mobile)
>
> **From:** Bruce Neill [redacted]
> **Sent:** Monday, July 24, 2023 6:56 AM
> **To:** Madhu Thummaluru <MThummaluru@valleywater.org>; Caitlin McAlpine <CMcAlpine@valleywater.org>; Evelyn Neill [redacted]; Ty Cademartori <tcademartori@arws.com>; Norwita Powell [redacted];

Preston Powell [redacted]; Board of Directors <board@valleywater.org>
Subject: Appraisal

***** This email originated from outside of Valley Water. Do not click links or open attachments unless you recognize the sender and know the content is safe. *****

Good Morning Team,

Both the Powells and Neills received our appraisals over the weekend.

We would like to schedule the next steps to achieve our final agreement in this phase of the wall project along S 17th Street.

Coincidentally, both the Neills and Powells are out of town between the 5th and 20th of August. It would be great if we can reach a final agreement before then.

Thank you for your patience while we awaited the product of that complex appraisal analysis. We all look forward to working with you to efficiently and effectively complete this part of our project.

Caitlin and Madhu, can you please include any Valley Water professionals that are pertinent to this agreement, but I may not have email addresses for?

Best wishes,

Bruce Neill

Michele King

Subject: FW: Issues with identifying responsibility for cleaning up homeless encampments and tree trimming in creeks
Attachments: APN # 08630060.png; IMG_5693.jpg; IMG_5694.jpg; IMG_5695.jpg; IMG_5696.jpg; IMG_5697.jpg

---

From: Richard Santos <rsantos@valleywater.org>
Sent: Monday, July 24, 2023 5:04 PM
To: Jennifer Codianne <JCodianne@valleywater.org>
Cc: Candice Kwok-Smith <ckwok-smith@valleywater.org>
Subject: FW: Issues with identifying responsibility for cleaning up homeless encampments and tree trimming in creeks

Michele – I sent your information to our Creek Maintenance person, and give her some time, call me nothing happens, Richard P. Santos

---

From: MICHELE KEEFHAVER [redacted]>
Sent: Monday, July 24, 2023 4:50 PM
To: Rick Callender <rcallender@valleywater.org>; Richard Santos <rsantos@valleywater.org>; Nai Hsueh <NHsueh@valleywater.org>
Subject: Issues with identifying responsibility for cleaning up homeless encampments and tree trimming in creeks

Hello,

As a former employee of Santa Clara Valley Water for eighteen years, I am compelled to share some frustration I have been experiencing when making requests through Access Valley Water for creek maintenance.

About a month ago, I asked that some large trees extending over a private street in my townhouse complex (Glenoaks Park Villas in Cupertino of which I am an HOA Board Member) be trimmed. I was informed via a phone call, that these trees were the HOA responsibility, even though they are on the creek side of a wrought iron fence on which "No Trespassing Signs" are posted by SCVWD. These trees were extremely overgrown and posed a hazard to our homeowners. In fact one tree fell on and damaged the fence last March. I worked with the Risk Management Unit and was able to get reimbursed for half the cost to repair, which was appreciated. The Glenoaks Park Villas HOA then paid $1800 to have the overhanging limbs trimmed back from over the street. I was expecting a more "Good Neighbor Policy" in dealing with these overgrown trees.

I then reported a tree near Homestead Rd in Cupertino at the top of Stevens Creek creek bed that has grown out over Homestead and blocks the street sign. I also reported that it was blocking the street light in that location. Again, I was told that it was not SCVWD's responsibility to trim this tree.

Also, I volunteer at the Humane Society of Silicon Valley on Ames Ave. in Milpitas. Over the last four months a homeless encampment has grown on the banks of Berryessa Creek where Ames Ave. crosses the creek. There are clothes, cardboard and garbage littering the creek in this area. I

reported this through Access Valley Water and got a phone call saying that this area is not the responsibility of SCVWD. I was told that the parcel was maintained by Union Pacific Railroad. I then reached out to Union Pacific and after some research on their end, it was determined that maintenance of this canal belongs to SCVWD. I was in the area today and nothing has changed. Please see the forwarded emails below. I have also attached some pictures I took of the litter in the area.

These examples of creek maintenance in Cupertino and Milpitas are not consistent with the District's Clean, Safe Creeks Program. I think SCVWD can do better.

Regards,

Michele Keefhaver

---------- Original Message ----------
From: MICHAEL IANNONE <mjiannon@up.com>
To: Michele Keefhaver <[redacted]
Date: 07/21/2023 7:39 AM PDT
Subject: FW: CNB2307-0034 AMES AV APN# 08630060

Michele,

After research the drainage ditch ownership it has been found to be an easement agreement with the Santa Clara Valley Water District which states, they are to maintain this area. Santa Clara Water District has been notified to address the trespasser encampments & their associated debris in the drainage ditch.

Mike

Michael Iannone

Police Supervisor-Safety

Union Pacific Railroad

NorCal Service Unit

Phone: 888 877 7267

Email: mjiannon@up.com

From: Mary Johnson <mary.johnson@up.com>
Sent: Friday, July 21, 2023 5:43 AM
To: MICHAEL IANNONE <mjiannon@up.com>; Anna Kulig <anna.kulig@up.com>; Conner Dvorak <conner.dvorak@up.com>; Kylie Eker <kylie.eker@up.com>
Cc: Jasmine Gary <jgary@up.com>; Patrick Taguchi <ptaguchi@milpitas.gov>
Subject: RE: CNB2307-0034 AMES AV APN# 08630060

Good morning, Michael,

We do own the parcel # 08630060; however, it is the parcel slightly to the North of what you have screenshotted below. Regardless, there is an easement in place with the Santa Clara Valley Water District that requires they maintain this area. I have a contact with the water district, and I will forward the photos and notice their way.

Please let me know if I can answer any other questions.

Best regards,

Mary Johnson

Real Estate

PHONE: 402-544-8562 | EMAIL: mary.johnson@up.com

1400 Douglas St. Stop 1690 Omaha, NE 68179

From: MICHAEL IANNONE <mjiannon@up.com>
Sent: Thursday, July 20, 2023 5:21 PM
To: Mary Johnson <mary.johnson@up.com>; Anna Kulig <anna.kulig@up.com>
Cc: Jasmine Gary <jgary@up.com>; Patrick Taguchi <ptaguchi@milpitas.gov>
Subject: FW: CNB2307-0034 AMES AV APN# 08630060

Mary & Anna,

Would you be able to assist me with a UP Property line check into a City of Milpitas Code Enforcement Violation of APN #08630060 The city is claiming per their GIS UPRR owns the drainage ditch which has non UPRR gates/fence with posted Santa Clara Water District signs. The UPRR Atlas shows UPRR does not own the drainage ditch where all the trespasser & encampments are located.

Thanks Mike

From: Patrick Taguchi <ptaguchi@milpitas.gov>
Sent: Thursday, July 20, 2023 12:19 PM
To: Jasmine Gary <jgary@up.com>; MICHAEL IANNONE <mjiannon@up.com>
Subject: CNB2307-0034 AMES AV APN# 08630060

* PROCEED WITH CAUTION - This email was sent from outside the Company *

Good Afternoon,

Attached is a copy of the Notice to Abate letter and photos of several homeless encampments on Union Pacific Railroad property that I am mailing out today. The homeless encampments are located off of Ames Avenue in the City of Milpitas next to Ames Business Park. I will be doing a follow-up inspection on the site after August 4th, 2023.

Please let me know if you have any questions.

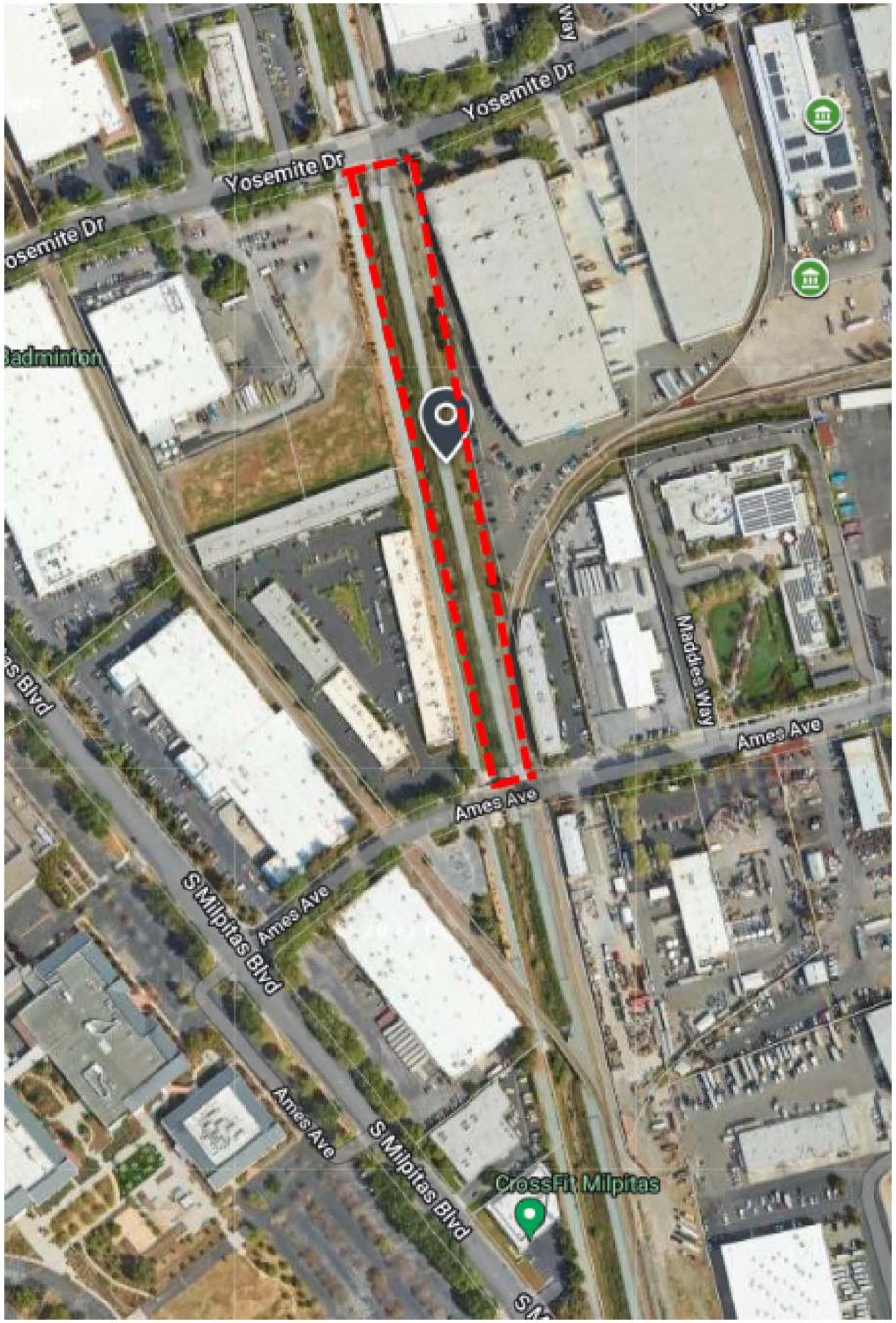
Thank you,

Patrick Taguchi
Sr. Code Enforcement Officer

Building Safety & Housing Dept.

Phone (408) 586-3277 **Fax** (408) 586-3305

Cell (408) 515-0939
Email ptaguchi@milpitas.gov
455 E Calaveras Blvd., Milpitas CA 95035
www.ci.milpitas.ca.gov


Yosemite Dr
Yosemite Dr
Yosemite Dr
Badminton
Maddux Way
Ames Ave
Ames Ave
Ames Ave
Ames Ave
S Milpitas Blvd
S Milpitas Blvd
S Milpitas Blvd
CrossFit Milpitas


NOTICE
Pursuant to Vehicle Code Section 2
PERSON SHALL DRIVE ANY MOTOR
ICLE HEREON WITHOUT PERMISSION
OF SANTA CLARA VALLEY
WATER DISTRICT.
Office: 5750 Almaden Expressway
San Jose, California
Telephone: 265-2600

OUTGOING BOARD CORRESPONDENCE

July 19, 2023

The Honorable David Cohen
Councilmember, District 4
City of San José
200 E. Santa Clara Street
San José, CA 95113

Subject: Dr. Robert W. Gross Recharge Ponds Maintenance Activities

Dear Councilmember Cohen:

Thank you for reaching out about the Bob Gross Ponds and Santa Clara Valley Water District (Valley Water) maintenance operations. Annual routine maintenance activities (or as needed) include items such as vegetation management, weed abatement, tree trimming, trash removal, fence repair, and sign replacement.

Maintenance performed every few years includes pond cleaning (on a three-to-five-year schedule or more frequently if the recharge rate drops off dramatically), road grading, and pond bank erosion repair. Maintenance activities on a decade-long schedule (or as needed) include concrete spillway replacement, valve replacement, pipe replacement, and pond grading to as-built elevations.

Extensive maintenance activities are listed in the Valley Water Utility Enterprise Operation and Maintenance and Asset Renewal Plan (WUE O&M AR Plan), which provides a summary of activities and costs associated with operating and maintaining Valley Water's water utility infrastructure for the next five fiscal years and facilitates long-term planning and budgeting.

Currently, Valley Water is repairing an aging concrete spillway in the Dr. Robert W. Gross Recharge Ponds. This Spillway Rehabilitation Project is part of our commitment to maintain infrastructure to ensure a reliable water supply. This will help improve water transfer from one pond to the next. The ponds will be refilled after the poured concrete cures for 30 days. During this wait time, Ponds 1A, 1B, and 1C will be cleaned to improve groundwater percolation. The ponds should be refilled by the third week of August. Included with this letter is a copy of the map shared with the community indicating the locations of these ponds and the spillway repair.

If you have further questions, please contact Greg Williams, Raw Water Division Deputy Operating Officer, at (408) 630-2867, or via email at gwilliams@valleywater.org.

Sincerely,

Richard P. Santos
Director, District 3

ga:jh
0719a-I
1 Enclosure

Dr. Robert Gross Recharge Ponds Spillway Rehabilitation Project

CONSTRUCTION AHEAD

Valley Water is repairing an aging concrete spillway in the Dr. Robert Gross Recharge Ponds near Noble Avenue in San José.

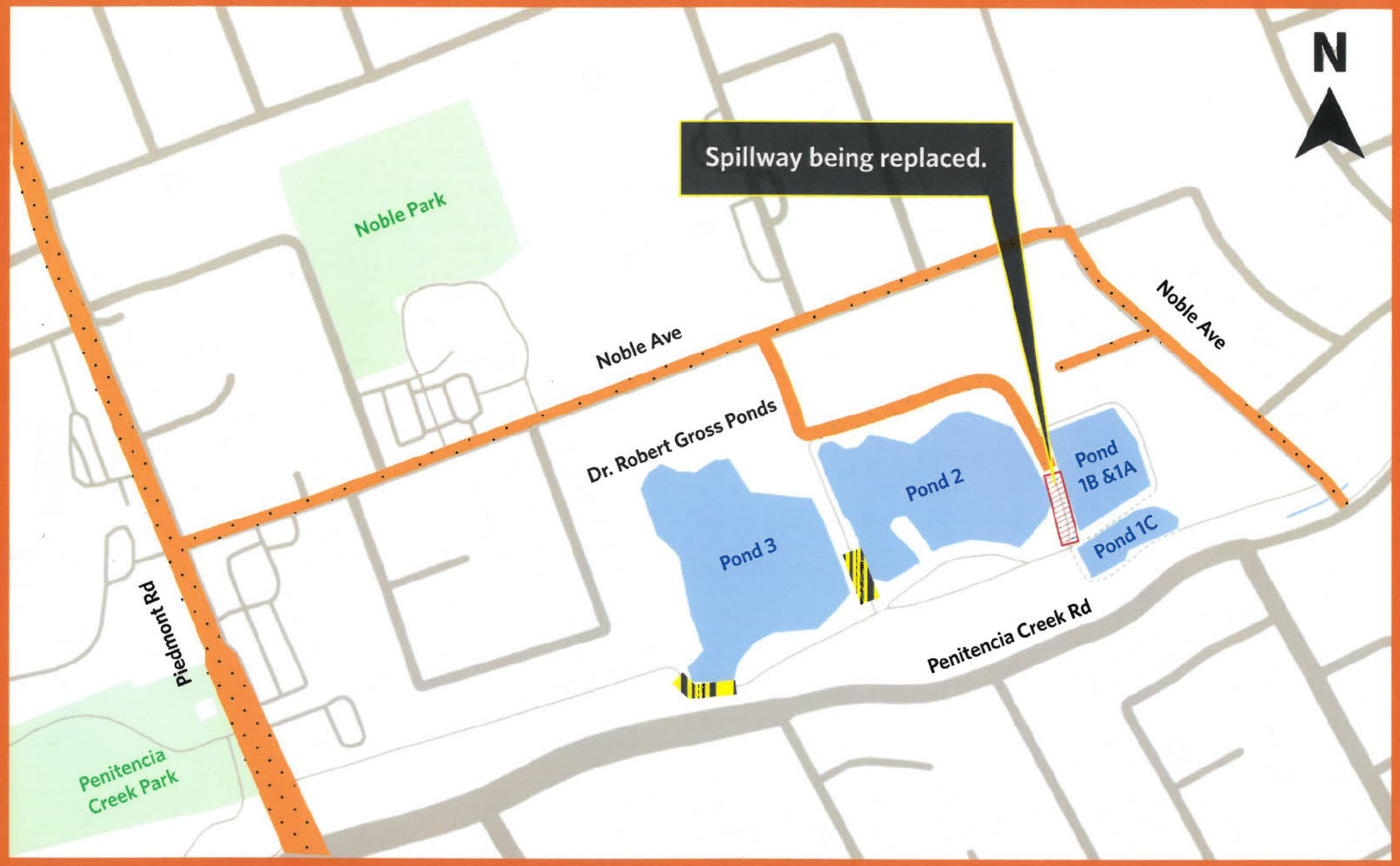
The three ponds and spillways allow water to ebb from one pond to the other. The spillway requiring repair is Pond 1B to Pond 2. It is more than 50 years old and cracking in several places. All ponds will be dry during construction.

Construction is underway,

with trucks entering the pond area daily, Monday through Friday between **8 a.m. and 5 p.m., from Piedmont Road to Noble Avenue** and then through an access road—also used as a walking trail—to the ponds. A flagger will direct pedestrian and bicycle traffic when trucks are present.

The bridge is open during construction, but Valley Water will temporarily close a section of the access road/trail, with a detour directing the public around the work.

Questions or comments?
Please contact Neighborhood Liaison Tony Mercado at tmercado@valleywater.org or (408) 630-2342.



TRUCK ROUTE

SECTION OF TRAIL CLOSED FOR DURATION OF PROJECT

BRIDGE

Valley Water
Clean Water • Healthy Environment • Flood Protection

July 21, 2023

The Honorable David Cohen
Councilmember, District 4
City of San José
200 E. Santa Clara Street
San José, CA 95113

Subject: Penitencia Creek Park Pond

Dear Councilmember Cohen:

Thank you for your recent question about the Penitencia Creek Park Pond (also referred to as the City Park Pond). The City Park Pond is owned, managed, and maintained by the City of San José. The Santa Clara Valley Water District (Valley Water) has a Tri-Party Agreement with the City of San José and the County of Santa Clara that allows for supplying water to the City Park Pond when supplies are available and it is operationally feasible to divert water to this pond.

Valley Water owns and operates a system of 18 groundwater recharge ponds along the Upper Penitencia Creek. Depending on groundwater levels, drought conditions, and the availability of imported water supplies, water levels in these ponds can range from dry, to full, or partially full, with only a certain number of ponds in operation at any time of the year. The ponds fill in a cascading manner, where some ponds must fill before others can contain water. To be able to divert water from this system of ponds to the City Park Pond, Valley Water would need to fill up all five Dr. Robert W. Gross Ponds along the creek and all four Piedmont Ponds. Once the nine ponds are full, water can flow through an underground pipeline (the Helmsley Pipeline) from which Valley Water staff can divert water to the City Park Pond.

During drought periods when imported water is not available, the City Park Pond would be dry since Valley Water would not have the supplies to continuously release water into nine percolation ponds and the City Park Pond. In addition, in periods when the groundwater basin is full, Valley Water reduces the managed recharge activities on the valley floor and has to decrease supplies to the system of ponds off of Upper Penitencia Creek. Finally, when there is a maintenance project on any of the aforementioned nine ponds upstream of the Helmsley Pipeline, Valley Water cannot physically supply the City Park Pond with water due to the operational structure of the system of ponds and pipes.

Per my letter earlier this week, maintenance on the spillway at the Dr. Robert W. Gross Ponds is projected to be completed in the third week of August. At that point, Valley Water will resume refilling the system of ponds with water for groundwater recharge. Within a couple weeks, water will likely reach the City Park Pond.

I hope that this response meets your needs. If you have any further questions or need additional information, please let me know or contact Greg Williams, Deputy Operating Officer, at (408) 630-2867, or via email at gwilliams@valleywater.org.

Sincerely,

Richard P. Santos
Director, District 3
(408) 234-7707

ga:jh
0721a-l

Michele King

Subject: FW: Old Almaden Rd/Capitol Clean up - animals at issue

From: Candice Kwok-Smith **On Behalf Of** Board of Directors
Sent: Monday, July 24, 2023 1:30 PM
To: [redacted]; Passons, Omar <Omar.Passons@sanjoseca.gov>; Flores Shelton, Andrea <Andrea.FloresShelton@sanjoseca.gov>; Rufino, Neil <Neil.Rufino@sanjoseca.gov>; Rufino, Neil <Neil.Rufino@sanjoseca.gov>; Foley, Pam <Pam.Foley@sanjoseca.gov>; Hughes, Scott <scott.hughes@sanjoseca.gov>
Subject: RE: Old Almaden Rd/Capitol Clean up - animals at issue

Sent on Behalf of Director Beall:

Dear Shaunn Cartwright,

Thank you for reaching out to us regarding your concerns on animal welfare during encampment cleanups and abatements. As you are aware, the Valley Water board approved a directive in January to consider a more active approach to finding housing for persons located in the creeks. This will include pets and care for animals impacted by Valley Water activities. We welcome your thoughts on this issue.

Valley Water staff ensure during cleanup operations that any animals encountered remain safe and with their caregivers. During the recent cleanup on Old Almaden Road, staff communicated with the pet owners prior to the cleanup commencing to guarantee their safety. When staff encounter animals/dogs off leash without an owner and the animal is showing aggressive behavior City of San Jose Animal Care and Services are contacted. Valley Water will continue to work with the City of San Jose Animal Care and Services as necessary to continue ensuring the wellbeing of animals during our operations and maintenance activities.

We are very sorry to hear of the missing kitten at Branham Lane, that abatement was carried out by another agency and Valley Water staff were not present.

In the future if you need to report other concerns to Valley Water, you may also use our online system at https://access.valleywater.org/s/.

Please contact Deputy Operating Officer Jen Codianne at jcodianne@valleywater.org for follow up information.

Thanks again for contacting us.

Sincerely,

Jim Beall

Jim Beall
Director, District 4

C-23-0177

From: [redacted]
Sent: Monday, July 10, 2023 10:44 AM
To: Flores Shelton, Andrea <Andrea.FloresShelton@sanjoseca.gov>; Rufino, Neil <Neil.Rufino@sanjoseca.gov>; Passons, Omar <Omar.Passons@sanjoseca.gov>; Rufino, Neil <Neil.Rufino@sanjoseca.gov>; Foley, Pam <Pam.Foley@sanjoseca.gov>; Hughes, Scott <scott.hughes@sanjoseca.gov>; board@valleywater.org
Subject: Old Almaden Rd/Capitol Clean up

[External Email]

All,

There is a scheduled VW clean up of the camp on Old Almaden Road, off Capitol. They called me because they are afraid their animals will be hurt/killed in this process.

Please be aware, they have small kittens and Jade cares for the ducks.

The carelessness with which the sweep of the Branham camp was carried out has shaken camps far and wide and there is still a lost kitten.

There must be sweep reforms, not limited to, but including animal safety before, during and after sweeps and clean ups. Animals mean everything, often more than Unhoused owners lives, housing, safety, and they need to be treated by outside entities as previously as they are by their owners.

Regards,

Michele King

Subject: FW: IMC - Request Status of Measure S Audit

From: Candice Kwok-Smith **On Behalf Of** Board of Directors
Sent: Tuesday, July 25, 2023 9:42 AM
To: 'jeffreyhare.imc@gmail.com' <jeffreyhare.imc@gmail.com>
Cc: [redacted] Glenna Brambill <GBrambill@valleywater.org>
Subject: Re: IMC - Request Status of Measure S Audit

Sent on Behalf of Chair Varela:

Dear Mr. Hare,

Thank you for your email. The Board received the IMC's report in February, however, no action was taken at that time. The Board accepted the Management Response to the IMC's Report on March 14, 2023. The table below incudes the IMC's General Recommendation and corresponding accepted response:

Subject:	IMC Recommendation:	Management Response:
Program Audits	Schedule a new audit immediately to be consistent with the five-year schedule as originally intended (under the 2012 Program), dating back to the end period of the previous audit.	Staff agree that an audit should be implemented and recommends two separate audits, one for the renewed Safe, Clean Water Program, which came into effect in FY2021-22, and a closeout audit for the 2012 Program, which ended in FY2020-21. This is because the renewed Safe, Clean Water Program replaced the 2012 Program in its entirety, and while many of the projects were carried forward, the renewed program includes a new priority, new projects, new KPIs, and new funding allocations. If directed by the Board, staff will work to include the audits and associated costs in the FY2023-24 budget and initiate the audit process.

The following day, staff began the process of initiating a closeout audit of the 2012 Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program). The audit is currently underway and scheduled to be completed in fall 2023. Thereafter, the Board Audit Committee (BAC) will receive the audit report and corresponding management response. The IMC will be notified of the BAC meeting in advance, should you like to attend as members of the public.

Following the completion of the 2012 Safe, Clean Water Program Closeout Audit, staff will initiate an audit of the renewed Safe, Clean Water Program in spring 2024.

While my response is being sent directly to you and Ms. Templeton, Glenna Brambill will forward the update to the full IMC roster.

As always, we appreciate your interest in Valley Water's Safe, Clean Water Program and the role you play on the Independent Monitoring Committee.

Sincerely,

John Varela
Chair, District 1

C-23-0179

From: Jeffrey Hare <jeffreyhare.imc@gmail.com>
Sent: Friday, July 14, 2023 2:34 PM
To: Board of Directors <board@valleywater.org>; Glenna Brambill <GBrambill@valleywater.org>
Cc: Cari Templeton [redacted]
Subject: IMC - Request Status of Measure S Audit

To the Board of Directors and Glenna Brambill
CC to Cari Templeton

As Chair of the Independent Monitoring Committee, I am requesting a status update on the IMC's request for an Audit. This request was submitted as part of the IMC's report back in February, and was unanimously approved by the Board.

On behalf of the IMC, I would like to request a status update, and request that the status be sent to the entire IMC.

Thank you,
Jeffrey Hare
Chair, IMC

--

<image002.jpg>
Jeffrey B. Hare
JeffreyHare.IMC@gmail.com

Michele King

Subject: FW: Boys & Girls Clubs of Silicon Valley / Saved by Nature
Attachments: LWD_Fact Sheet.pdf

From: Candice Kwok-Smith **On Behalf Of** Board of Directors
Sent: Tuesday, July 25, 2023 1:36 PM
To: fred.mccasland@bgclub.org
Subject: Re: Boys & Girls Clubs of Silicon Valley / Saved by Nature

Sent on Behalf of Chair Varela:

Dear Fred Mccassland,

Thank you for your email. There is not a singular entity in charge of the creeks and property owners whose land extends into the creek have a primary role. This section of Coyote Creek is owned by City of San Jose and Valley Water.

After you reported your concerns, our watershed engineer did investigate the downed trees adjacent to Terrace Drive. At the time of the inspection our watershed engineer did not identify anything that would constitute a concern based on the fact that water can freely flow through the downed trees and debris and there is no observable difference in water surface elevation upstream or downstream of the downed trees and debris. The debris accumulating in channel will likely flow freely and transport further downstream during the next high flow event. Furthermore, hydraulic modeling showed that flows during a twenty-year storm event are still contained below top of bank with the existing site condition.

On a natural channel such as this, for Valley Water to determine that removal of a debris blockage or downed tree needs to occur in this reach the downed trees would have to be blocking the main channel across most of the cross section and be large/high enough to push the water over the banks. Since downed trees provide habitat in riparian areas for salmonids, Valley Water staff do strive to balance flood protection and environmental protection. Please see the attached fact sheet for more info.

In the future if you need to report other concerns to Valley Water, you may also use our online system at https://access.valleywater.org/s/.

Please contact Deputy Operating Officer Jen Codianne at jcodianne@valleywater.org for follow up information.

Thanks again for contacting us.

Sincerely,

John Varela
Chair, District 1

C-23-0181

From: Fred Mccasland <fred.mccasland@bgclub.org>
Date: July 12, 2023 at 1:35:33 PM PDT
To: John Varela <jvarela@valleywater.org>
Subject: Boys & Girls Clubs of Silicon Valley / Saved by Nature

John,

Great meeting you this past weekend at Coyote Lake Harvey Bear Ranch. Just want to say thank you for everything. Richard Tejeda's Saved By Nature weeklong science camp has your team coming out weekly for Watershed and Outdoor environmental education sessions for our Boys & Girls Clubs.

I was wondering if you could put me in touch with whoever within Valley Water for some help with our family property that is on Coyote Creek in Downtown San Jose.

We have had three different trees fall in the last 6 years right behind our property at 408 Terrace Dr.

There is a fourth tree that has fallen one house down right up against Washington street and is now a dam now.

That tree is also being used by a homeless encampment from the San Jose High school side as a bridge to cross the creek to our side now on Terrace Dr.

One of the trees is a large Eucalyptus tree that landed across the creek.

Any help would be appreciated.

Fred McCasland
Director of Program Services Boys & Girls Clubs of Silicon Valley

P 408.957.9685
:
E fred.mccasla nd@bgclub.org
A 518 Valley Way, Milpitas
CA 95035

www.BGClub.org


FACT SHEET

Large Woody Debris

Example of Large Woody Debris.

LWD during storm event.

Fallen Tree or Large Woody Debris?

Many creeks and rivers throughout Santa Clara County are lined with large trees. These trees may die, break, or fall over due to erosion or storms and enter the stream channel. Some trees may be removed and some become large woody debris. Large woody debris (LWD) can be an entire tree, a stump or just a large branch that has fallen into the creek. But how big must a branch or tree be to be considered large woody debris? At Valley Water, the Stream Maintenance Program (SMP) classifies LWD as a piece of woody material with a diameter of 12 inches or more and a minimum length of 6 feet. This classification applies to fallen trees located in streams that support sensitive fish species including many major streams and tributaries in Santa Clara County. This definition was adapted from the California Salmonid Stream Restoration Manual created by the California Department of Fish and Wildlife. Woody material that size or larger generally has the most effect (ecologically and hydraulically) on rivers and creeks.

How is Large Woody Debris Beneficial?

LWD promotes a complex and diverse aquatic habitat within creeks in the following ways:

- Provides escape cover for juvenile and adult fish from predators and high winter flows.
- Traps organic material providing food areas for insects to reproduce, which in turn provides food for fish and other aquatic organisms.
- Traps gravels, providing areas for fish and insects to reproduce and feed.
- Maintains and creates complex channel features like pools, riffles and runs through energy dissipation and scour.

All of these are essential natural components created by LWD, which provide habitat for sensitive species such as Steelhead trout, California Red Legged Frog, and Western Pond Turtle.

Los Gatos Creek LWD.

Large Woody Debris and Valley Water

Although a common inclination would be to remove the fallen tree from the stream, Valley Water strives to promote a balance between flood protection and environmental protection. Whenever possible, LWD is left and maintained in place. However, LWD can cause harm such as unwanted erosion of flood protection infrastructure or debris jams in vulnerable areas. When LWD is identified, qualified staff, including engineers and biologists, assess the wood for its habitat value. If there is potential to cause harm, Valley Water attempts to modify the LWD by removing branches or repositioning the wood in the channel. If modification cannot alleviate the threat, then complete removal may be necessary. Under the SMP, removal of LWD requires mitigation to offset the loss of habitat provided by the LWD. Mitigation comprises the replacement of the LWD in kind within the same watershed. Removal is generally the last approach taken due to the loss of habitat on site.

When possible, Valley Water incorporates LWD in bank stabilization projects. Several projects throughout the county have included the installation of LWD structures to replenish woody debris and to increase habitat complexity in areas that will provide the most ecological benefit.

Valley Water's right-of-way defined

This sheet provides information about Valley Water's treatment of LWD on Valley Water's property and easements. Valley Water's right-of-way includes:

- Property owned by Valley Water in fee title which is managed with available resources consistent with federal, state and local laws and ordinances;
- Property where Valley Water has an exclusionary easement, meaning that the underlying fee property owner is effectively excluded from actively using the property; and
- Property where Valley Water has an easement for flood protection, storm drainage or water conservation purposes.

Installed Large Woody Debris.

CONTACT US

To find out the latest information on Valley Water projects or to submit questions or comments, email **Joe Chavez** at **(408) 630-2276** or use our **Access Valley Water** customer request system at ***https://deliver.com/2yukx***.

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