Summary of Capital Project Plan Updates from Board Adopted Fiscal Year 2023-27 CIP as presented to the CIP Committee on November 14, 2022 with subsequent new, revised and administrative updates noted

Below is a detailed summary of all project plan updates from the Board adopted Fiscal Year (FY) 2023-27 by type of improvement. Updates to capital project plans are considered to be significant if total project costs (TPC) increase or decrease (inflated) more than $1 million, project completion is extended beyond one year, or if there are any changes to project scope. These updates were presented to the CIP Committee on November 14, 2022. All of the project plan updates included in this attachment are reflected in the FY2024-28 Preliminary CIP.

WATER SUPPLY

Storage Facility:

1. **91854001 Almaden Dam Improvements Project**
   SCOPE AND SCHEDULE (PHASE ONLY) – TPC changes due to inflation: Scope/Phase schedule advanced and extended/Inflated TPC decreased by $3.392M
   The uninflated TPC remains the same; however, inflated TPC decreased by $3.392M. The decrease in the inflated TPC is a result of the construction phase schedule for the dam improvements being advanced because there is a need to resume work on canal improvements ahead of the work on the dam improvements. Separate environmental and design documents will be prepared for canal improvements and for dam improvements. The Planning phase has therefore been extended by five years; however project completion schedule remains the same. The revised inflated TPC is $61.3M.

2. **91864005 Anderson Dam Seismic Retrofit Project (ADSRP)**
   SCOPE, SCHEDULE (PHASE ONLY), AND COST: Scope/Schedule – Phase Only/Inflated TPC increased by $52.216M
   The uninflated costs decreased by approximately $4.793M; the inflated costs increased by $52.216M. The ADSRP project, previously included the five sub-projects (listed below) comprising the Anderson Dam Federal Energy Regulatory Compliance Project (FOCP). Subsequently, all the FOCP projects have been assigned an individual project number, however, the project plans for each did not previously factor past costs. As part of the project plan update process for the CIP's FY 2024-28 Five-Year Plan, the past costs for each sub-project were removed from ADSRP but were off-set by cost increases resulting from Division of Safety of Dams fees, right of ways costs, and design costs requested by FERC, DSOC, and the Board of Consultants. The revised inflated TPC is $1.071B.

   91864005 Anderson Dam Seismic Retrofit Project (ADSRP) (REVISED after 11/14/22): Project expenditures have been reduced in FY24 and added to FY32

to reflect a shift in the construction contract expenditure forecast. The inflated TPC remains at $1.071B. Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $52.201M (inflated).

The updates to the FOCP Sub-Projects are listed below:

a. **91864006 Anderson Dam Tunnel Project (ADTP)**
SCHEDULE (COMPLETION DATE) AND COST: Project schedule added to project plan/Inflated TPC increased by $34.824M
The uninflated TPC has increased by $29.304M; the inflated TPC increased by $34.824M. The project plan for the ADTP has been updated to include past costs previously embedded in ADSRP (a total of $85.643M) and a project schedule with a completion date in FY 26. ADTP project costs increased due to the addition of right-of-way costs associated with Holiday Lake Estates, increase to construction costs, and the addition of costs for project close-out, along with additional funds for consultant agreements amendments, construction contract costs, and additional funds for Valley Water project labor and services & supplies. The revised inflated TPC is $196.177M.

91864006 Anderson Dam Tunnel Project (ADTP) (REVISED after 11/14/22): Project expenditures have been reduced in FY24 and increased in FY25 due to the shift in construction contract planned expenditures and an increase in Valley Water labor resources during the construction phase. As a result of these latest changes, the TPC increased by $2.985M (inflated). Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $37.835M (inflated).

b. **91864007 Coyote Creek Flood Management Measures Project (CCFMMP)**
SCHEDULE (COMPLETION DATE) AND COST: Project schedule extended by four years/ Inflated TPC increased by $66.702M
The uninflated TPC has increased by $59.847M; the inflated TPC increased by $66.702M. The start of construction is being pushed out due to delays in design completion and securing the right-of-way necessary to construct the project and the completion date is being extended to include the three-year plant establishment period. The project cost increase is primarily in the construction phase, due to several factors, including inadequate planning cost estimates, inflation, supply chain issues, as well as a tight schedule and site access constraints. The project plan for the CCFMMP has been updated to include past costs previously embedded in ADSRP (a total of $9.714M). The revised inflated TPC is $94.860M.

91864007 Coyote Creek Flood Management Measures Project (CCFMMP) (REVISED after 11/14/22): Project expenditures have been reduced in FY23 and increased in FY24 and FY25 to reflect additional cost estimates for the construction contract, contract contingency and construction management services, as well as the encampment abatement costs (which were not previously accounted for in the initial project plan). As a result of these latest changes, the TPC increased by $20.280M (inflated). Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $86.982M (inflated).

c. **91864008 Coyote Creek Stream Augmentation Fish Protection Measures Project (SAFPMP)**
SCHEDULE (COMPLETION DATE) AND COST: Project schedule extended by 1 year and 4 months/ Inflated TPC increased by $2.987M
The uninflated TPC has increased by $2.196M; the inflated TPC increased by $2.987M. Due to supply chain related delays with Valley Water furnished equipment, the design phase has been extended and the start of construction postponed to FY 2024. However, the design work is substantially complete and will only include bid support when the construction contract is re-advertised. The construction end date has been extended by approximately one year and five months and project close-out has been extended by one year and four months. The project costs increased due to design costs related to re-bid the project, delay of long lead items and construction contract costs based on bids received when the Chillers was initially advertised for construction. The revised inflated TPC is $9.264M.

d. **91864009 Coyote Percolation Dam Replacement Project (CPDRP)**
SCHEDULE (COMPLETION DATE) AND COST: Project schedule extended by 6 months/ Inflated TPC increased by $2.808M
The uninflated TPC increased $2.159M; the inflated TPC increased by $2.808M. The Project completion date has been extended six months. The planned expenditures for this project have been revised to reflect additional required funding due to higher than anticipated labor costs for in-house design and construction staff. The Construction Phase schedule has been revised to capture an additional six months required to complete the as-built documents. The revised inflated TPC is $16.676M.

e. **91864010 Cross Valley Pipeline Extension Project (CVPEP)**
SCHEDULE (COMPLETION DATE) AND COST: Project schedule extended by 3 months/ Inflated TPC increased by $318K
The uninflated TPC increased by $318K; the inflated TPC increased by $318K. The Project completion date has been extended three months due

to several delays such as delivery of Valley Water Furnished Material as a result of the COVID-19 pandemic, receipt of the permit for the outfall work, as well as contractor delays in the pipeline installation. The Project cost increased due to additional right of way costs to extend lease agreement for construction staging areas, design costs related to the delay of procurement of long-lead items, and costs for construction management services. The revised inflated TPC is $7.723M.

3. **91084020s Calero and Guadalupe Dams Seismic Retrofits (Planning Only, 91084020 and Design/Construction Placeholders 91874004 and 91894002)**
SCHEDULE (COMPLETION DATE) – TPC Changes due to inflation: Schedule extended by four years/Inflated TPC increased by $8.391M
For the Calero and Guadalupe Planning Only Project (91084020), the uninflated TPC remains the same; however, inflated TPC increased by $468.3K. Valley Water operational requirements will not allow Calero Dam and Anderson Dam to be out of service at the same time. To accommodate this requirement, the schedule for Calero and Guadalupe Dams Seismic Retrofit Project (Planning only) is being extended by four years to align with the Anderson Dam Seismic Retrofit Project schedule. As a result, the Guadalupe Dam Design/Construction Placeholder Project (91894002) dollars were also moved out to align with this schedule update. The revised inflated TPC for all three projects combined is projects is $262.483M.

91894002 Guadalupe Dam Seismic Retrofit – Design & Construction (REVISED after 11/14/22): Project expenditures have been reduced for FY25 through FY27 and added to FY28 through FY31 to reflect the revised construction phase schedule. The Guadalupe Dam Seismic Retrofit schedule is now tied to the completion of the FAHCE EIR certification as well as the completion of the Anderson Dam Seismic Retrofit project EIR. To accommodate the uncertainties of the completion dates of these two EIRs, the construction start for Guadalupe Dam Seismic Retrofit has been delayed by three years (FY25 planned start date shifted to FY28). As a result of these latest changes, the TPC increased by $946K (inflated). Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP for all three projects combined is a TPC increase of $9.337M.

4. **91084019 Dam Seismic Safety Evaluation**
SCHEDULE (COMPLETION DATE) – TPC Changes due to inflation: Schedule extended by 4 years/ TPC increased by $919K
The uninflated TPC remains the same; the inflated TPC increased by $919K. The overall Project schedule completion date has been extended four years. A consultant contract for the comprehensive Dam Safety Evaluations for Vasona, Rinconada, and Coyote Percolation dams (DSE2) was previously slated to

commence in FY25, upon the completion of DSE1 (for Coyote, Chesbro, and Uvas dams). Based on the anticipated findings for DSE1 and required additional remediation work at Coyote Dam, Valley Water will be deferring the start of the consultant agreement for DSE2 to FY29. The revised inflated TPC is $31.862M.

5. **91954002 Pacheco Reservoir Expansion Project:**
   SCOPE AND SCHEDULE (COMPLETION DATE) – TPC changes due to inflation: Scope change/ Schedule extended by 3 years/Inflated TPC increased by $319.043M
   The uninflated TPC remains the same; inflated TPC increased $319.043M. The Project changes are to the scope and schedule. The overall Project schedule completion date has been extended by three years in order to address: lack of property access to perform work for the environmental and design phases; time to prepare a combined Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) document; and time to complete revisions to the dam type, perform agency reviews, complete tribal consultation, and acquire permits. The Project's planned expenditures have been revised to reflect additional resource hours to complete the Planning, Environmental, Design, and Right-of-Way for Project support. Changes to the phased costs, as well as the need to re-evaluate the proposed fiscal year phased budgets based upon updated forecasts are the contributing factors affecting the change in project expenditures. The revised inflated TPC is $2.781B.

6. **91214010s Small Capital Improvements, San Felipe Reach 1-3**
   SMALL CAPITAL FORECAST REVISIONS: TPC decreased by $7.556M
   Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period.

   91214010s Small Capital Improvements, San Felipe Reach 1-3 (REVISED after 11/14/22): The Small Capital project cost forecasts were revised during the first pass budget cycle. Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP for San Felipe Reaches 1-3 Small Capital projects combined, is a TPC decrease of $2.014M.

Transmission Facilities:

7. **95084002 10-Year Pipeline Rehabilitation Project**
   SCOPE AND COST: Scope change/Inflated TPC increased by $14.887M
   The uninflated TPC increased $12.836M; the inflated TPC increased $14.887M. There were changes to project scope in Central and Parallel East Pipelines, Almaden Valley Pipeline, and Snell Pipeline. There were changes to Project cost

in the Central and Parallel East Pipelines, Santa Clara Conduit Rehabilitation, Almaden Valley Pipeline, Snell Pipeline, West Pipeline, Electromagnetic Inspection and Acoustic Fiber Optic Monitoring System, and Pipeline Maintenance Program and Program Environmental Impact Report. The revised inflated TPC is $154.939M.

8. **92304001 Almaden Valley Pipeline Replacement**
   SCOPE, SCHEDULE (PHASE ONLY) AND COST: Scope change/Construction phase extended 1 year/Inflated TPC increased by $2.731M
   The uninflated TPC increased by $674K; the inflated TPC has increased by $2.731M. The Planning Phase has been waived. The overall Project schedule remains the same, however, the Construction Phase was extended by 1 year to accommodate new information provided by the Programmatic Environmental Impact Report (EIR). Each new fiscal year, the CIP adds the upcoming FY planned expenditures from the original Project Plan. The 21-year total Project Plan was initiated in FY 21, and the CIP only provides for a 15-year projection. This CMM update adds FY 37 into the 15-year projection. There were also cost increases to planning and environmental phases due to new data that was provided during the Programmatic EIR. The revised inflated TPC is $113.328M. *(Note: The planned expenditures for years FY 2038-FY41 are not included in the TPC but are included in the funding models as a placeholder.)*

9. **92144001 Pacheco/Santa Clara Conduit ROW Acquisition**
   SCHEDULE (COMPLETION DATE) – TPC changes due to inflation: Schedule extended by 1 year/ Inflated TPC increased by $78K
   There was no change to the uninflated TPC; the inflated TPC increased by $78K. The Project schedule has been extended by one year due to delays in acquiring National Environmental Policy Act (NEPA) clearance and finalizing subsequent permitting required for construction, as the site is located on United States Bureau of Reclamation property. While the planned expenditures for the Environmental Phase and Construction Phase have increased slightly, because easements are not required for access on this project, the planned expenditures for Right-of-Way Acquisition have decreased, therefore resulting in no change to the overall TPC. The revised inflated TPC is $6.129M.

10. **95044002 SCADA Implementation Project**
    SCHEDULE (PHASE ONLY) – TPC changes due to inflation: Planning Phase Schedule extended by 1 year/Inflated TPC decreased by $2K
    There was no changed to the uninflated TPC; the inflated TPC decreased by $2K. The overall project schedule has been extended by one year due to the actual timeline for project consultant negotiations and board adoption of the agreements. Overall project cost remains the same, but year-to-year planned expenditures have been re-balanced to accommodate this schedule change. Additionally,

project scope remains the same but since this project will only develop a program of SCADA projects up to 10% design, design phase and construction phase have been revised. The revised inflated TPC is $6.468M.

11. **92264001 Vasona Pump Station Upgrade**
COST ONLY: Inflated TPC increased by $7.190M
The uninflated TPC increased by $6.404M; the inflated TPC increased $7.190M. The proposed changes are primarily due to progression of the Project and clarification of the scope. As the Project transitioned from planning to design, the alternatives, scope, and equipment selection became more clearly defined. With this, construction costs were adjusted to reflect equipment and labor prices received from vendors and current market prices. Project Scope includes increasing pumping capacity such that the Project team needs to submit an Initial Study/ Mitigated Negative Declaration as part of Design Phase for environmental compliance. The revised inflated TPC is $29.457M.

92264001 Vasona Pump Station Upgrade Project (REVISED after 11/14/22):
Project expenditures have been reduced for FY23 and FY24 and added to FY25 through FY25 to reflect the revised design and construction phase schedules. The Project no longer qualifies for CEQA Categorical Exemption due to the scope including an increase of pumping capacity at the pump station. Therefore, a new environmental document, an Initial Study/Mitigated Negative Declaration (IS/MND), needed to be drafted, delaying the CEQA approval process. In addition, (as observed in lessons learned from the District's first Progressive Design-Build Project, the Coyote Pumping Plant Adjustable Speed Drive (CPP ASD) Replacement Project) a Progressive Design-Build Project, it can potentially take more than a year to compete the Request for Proposals (RFP) process and finalize the Design-Build Agreement (DBA). Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $9.105M (inflated).

12. **92764009 Small Capital Improvements, Raw Water**
SMALL CAPITAL FORECAST REVISIONS: TPC decreased by $2.976M
Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period.

92764009 Small Capital Improvements, Raw Water (REVISED after 11/14/22):
The Small Capital project cost forecasts were revised during the first pass budget cycle. Based upon this revision and combined with the project plan update

presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $2.269M (inflated).

13. **94764006 Small Capital Improvements, Treated Water**
SMALL CAPITAL FORECAST REVISIONS: TPC decreased by $164K
Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period.

92764006 Small Capital Improvements, Treated Water (REVISED after 11/14/22): The Small Capital project cost forecasts were revised during the first pass budget cycle. Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC decrease of $336K (inflated).

14. **92C40357 FAHCE Implementation**
PLACEHOLDER PROJECT ADMINISTRATIVE UPDATES: Schedule Only
Since the two creeks FAHCE EIR is still being finalized and agency permitting will also be required, the FAHCE implementation project planned expenditures were moved to begin in FY27. The overall TPC remain unchanged.

Treatment Facility:

15. **93294051 RWTP FRP Residuals Management Project**
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended by 1 year/TPC decreased by $924K
The uninflated TPC has decreased by $924K. The Project schedule has been extended by one year for close-out activities. The remaining balance in Project reserves will be returned to fund reserves at closeout. The revised inflated TPC is $32.917M.

16. **93294057 RWTP Reliability Improvement Project**
SCOPE, SCHEDULE (COMPLETION DATE) AND COST: Scope change/Construction and Closeout Schedules extended by 3 years/Inflated TPC increased by $192.881M
The uninflated TPC has increased by $176.619M; the inflated TPC increased by $192.881M. The schedule completion date has been extended by three years. The project's cost increase and schedule extension are due to reassessment of construction costs for Phases 3-6 of the project, particularly with regard to current

volatile market conditions and inflation escalation rates, which are projected to fall at around 15 percent over the next few years. The revised inflated TPC is $654.620M.

93294057 RWTP Reliability Improvement Project (REVISED after 11/14/22): Project expenditures have been reduced for FY23 through FY26 and FY30, then added to FY27 through FY29 to reflect the revised construction phase duration which has been shortened from 78 months to 67 months. Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $166.104M (inflated).

17. **93284013 STWTP Filter Media Replacement Project**
COST ONLY: Inflated TPC increased by $5.692M
The uninflated TPC increased by $5.671M; the inflated TPC increased $5.692M. The Design Phase cost increased due to the additional scope included at the request of the Plant's Operation and Maintenance Division in order to improve the efficiency and performance of operations in the filters. These improvements included the addition of filter surface cleaning, coating of the existing steel flanges, replacement of steel deflectors, concrete crack repair, valve pedestals and design of siphons. The increase in the overall Project expenditures reflects the increased costs of project-specific equipment and material because of the impact of global supply chain issues and extended lead times, and the inclusion of construction contingency. The revised inflated TPC is $20.025M.

18. **93084004 Water Treatment Plant Electrical Improvement Project**
SCOPE, SCHEDULE (COMPLETION DATE) AND COST: Scope change/Schedule extended by 2 years/Inflated TPC increased by $6.886M
The uninflated TPC increased by $5.199M; the inflated TPC increased by $6.886. Scope was changed to include the Santa Teresa Water Treatment Plant's motor control centers (MCC) MCC-DP1 and MCC-DP2, that serve the west filter gallery and east filter gallery, respectively, in the Project's Scope of Work. The Project schedule was extended two years to align construction with the sequencing and shutdown of other concurrent Valley Water projects to minimize impact to water retailers that receive water from the Penitencia and Santa Teresa Water Treatment Plants. Cost increases are due to pump capacity changes as well as increased labor and equipment costs. The revised inflated TPC is $18.512M.

19. **93764004 Small Capital Improvements, Water Treatment**
SMALL CAPITAL FORECAST REVISIONS: TPC decreased by $12.604M
Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period.

93764004 Small Capital Improvements, Water Treatment (REVISED after 11/14/22): The Small Capital project cost forecasts were revised during the first pass budget cycle. Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC decrease of $10.483M (inflated).

Recycled Water Facilities:

20. **91304001 Purified Water Project (PWP)**
SCOPE, SCHEDULE (PHASE ONLY), AND COST: Scope change/Planning and Design schedule extended/Inflated TPC increased by $465.777M
The uninflated TPC increased $381.718M; the inflated TPC increased by $465.777M. Since the Board of Directors directed staff in December 2021 to finalize agreements with the City of Palo Alto (CPA) for the Purified Water Project (PWP) and the last change management memo on February 28, 2022, staff has identified several changes to the scope of work. These changes are a result of additional project components required to complete the design and construction of the PWP, and regulatory feedback obtained from San Francisco Regional Water Quality Control Board and the Department of Drinking Water. Due to delays in obtaining the necessary agreements with the CPA, the schedule is now proposed to start with design services in 2024 for 18 months including a 6-month overlap with the construction phase lasting 3.5 years. Total project schedule is 5 years with water delivery in mid-2028.

    Planned project expenditures increased due to several factors, including updated contingency percentages due to current market, requirements for federal funding, increase in material costs, increase in design and engineering services and direct costs due to reduced schedule and increase in scope, construction management costs proportionate to construction, and the need for an independent engineer for the P3 entity. In addition, facility expenditures increased for the construction of the Advanced Water Purification Facility (AWPF) and the pipeline, in part due to increased size of the AWPF from 10-million gallons per day (MGD) to 12 MGD and storage tank construction material. Staff also met with the jurisdictions along the pipeline alignment and added other costs including paving requirements by each jurisdiction, trenchless crossings and additional monitoring wells as required by indirect potable reuse regulations and in consultation with the appropriate regulatory agencies. The revised inflated TPC is $1.218B. *(Note: The Purified Water Project is planned to be delivered via a Public-Private Partnership or P3, and as such there is a potential impact to Fund 61 through an increased availability payment at the time the facilities become operational in the future. To offset this impact Valley Water is pursuing grants and loans.)*

21. **91094010 South County Recycled Water Pipeline (Short Term 2)**
SCHEDULE (COMPLETION DATE) – TPC Changes due to inflation: Schedule extended by 1 year/ Inflated TPC increased by $24K
The uninflated TPC did not change; the inflated TPC increased $24K. The schedule completion date has been extended by one year. The Project schedule is extending to account for delayed construction of residential developments in the City of Gilroy, which consequently affects opportunities to upsize recycled water conveyance routes with our development partners. The revised inflated TPC is $8.643M.

FLOOD PROTECTION

Lower Peninsula Watershed:

22. **10394001 Palo Alto Flood Basin Tide Gate Structure Replacement**
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended by ~6 years/Inflated TPC increased by $43.957M
The uninflated TPC has increased by $35.249M; the inflated TPC increased by $43.957M. The schedule completion date has been extended by approximately 6 years. The Project schedule has been revised to account for changes in the Environmental Phase, Design Phase, Construction Phase, and Close-Out Phase. Costs have increased due to a design change and a $33M (uninflated) increase to construction due to testing of excavated soils that were found to exceed thresholds for soil reuse along with increases market conditions. Tribal monitoring and full-time biological monitoring are other reasons for cost increases which were previously not expected but are required per regulatory permit conditions. The revised inflated TPC is $83.289M.

23. **10244001 Permanente Creek, SF Bay to Foothill Expwy**.
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended by 2 years/Inflated TPC increased by $2.198M
The uninflated TPC increased by $2.197M; the inflated TPC increased by $2.198M. The schedule completion date has been extended by two years. The Design, Construction and Close-Out phases were extended due to negotiations with Google. The cost increases were due to delays, design changes, market conditions, and real estate costs. The revised inflated TPC is $20.348M.

24. **26284002 San Francisquito Creek (Construction SF Bay to Middlefield Rd.)**
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended by 1 year/Inflated TPC decreased by $2.153M
The uninflated TPC decreased by $5.550M; the inflated TPC decreased by $2.153M. The schedule completion date has been extended by one year. The schedule has been extended by one year to accommodate the U.S. Army Corps of Engineers Continuing Authorities Program Section 205 (CAP 205) process, as well as the updated duration needed for the San Francisquito Creek Joint Powers Authority to apply for and receive state and federal regulatory permits. The

change in the Project's planned expenditures resulted from cost increases associated with the design, right-of-way and construction for the channel widening and of top-of-bank improvements. These cost increases were offset by the cost decrease resulting from the removal of the construction cost for the Newell Road Bridge Replacement Project. Valley Water received confirmation from the City of Palo Alto that the construction costs for the Newell Road Bridge Replacement Project will be included in the City's budget. Therefore, Valley Water removed the cost of construction and the associated unsecured funding source ($8.941M) reflected in the Project plan. The Project's planned expenditures does include the local-share match for the Newell project planned expenditures as that is our commitment under the Safe, Clean Water and Natural Flood Protection Program. The revised inflated TPC is $105.018M.

West Valley Watershed:

25. **26074002 Sunnyvale East and West Channels (E2)**
SCHEDULE (PHASE ONLY) – TPC Changes due to inflation: Environmental and Design phases extended by 1 year/Inflated TPC decreased by $51K
The uninflated TPC has remained the same; the inflated TPC has decreased by $51K. The Project schedule for the Environmental and Design Phases has been extended by 1 year to account for the proposed Google Caribbean Campus Project where Google and Valley Water are to cost share on an enhancement constructed by Google of approximately 1,100 linear feet of the Sunnyvale West Channel. The revised inflated TPC is $70.332M.

Coyote Watershed:

26. **26174043 Coyote Creek, Montague Expressway to Tully Road (E1)**
SCHEDULE (COMPLETION DATE) AND COST: Schedule – Completion date extended by 5 years/Inflated TPC increased by $161.890M
The uninflated TPC increased by $132.921M; the inflated TPC increased by $161.888M. The Design Phase is being extended to account for the time required to complete CEQA & NEPA requirements needed for the project. The Right(s)-of-Way, Construction, and Close-Out Phase are being extended to align with the extension of the Design Phase. Construction (Civil) ends in FY27, but there is a plant establishment period which ends in FY31. The construction costs have increased as the result design refinement from the planning phase and increased material costs as well as increases in market conditions. The revised inflated TPC is $224.718M.

27. **40C40397 Berryessa Creek Flood Protection Project – Lower Penitencia Creek to Calaveras Blvd. (Phase 3 – Construction)**
PLACEHOLDER PROJECT ADMINISTRATIVE UPDATES: Schedule Only

To align with the Safe, Clean Water and Natural Flood Protection Program's Planning and Design Project Schedule for the Phase 3 Project (E3), the Project's planned expenditures were moved to begin in FY36. As a result of the 15-year forecast period for the CIP's Five-Year Plan, the Project Plan only captures the planned expenditures for FY 36-38 and therefore the project appears to have decreased. However, the planned expenditures for FYs 39-41 will be brought into the forecast on an annual basis. The overall TPC will remain unchanged.

Uvas Llagas Watershed:

28. **26174052 Llagas Creek–Upper, Corps Coordination (E6a)**
SCOPE AND COST: TPC decreased by $80M
The uninflated TPC decreased $80M. The original Project scope included the construction of the Project, Phase 1, Phase 2A, and Phase 2B. Phase 2B is anticipated to receive grant funding from the Natural Resources Conservation Service (NRCS) for an estimated $80M, so Phase 2B scope will be removed from 26174052 Llagas Creek–Upper, Corps Coordination (E6a) and a new Project number will be assigned. The new Phase 2B project number (26174055) will help facilitate tracking and accounting of eligible NRCS grant funding costs. The removal of the Phase 2B scope will reduce the planned expenditures by an estimated $80M from the total project cost reflected in project number 26174052. The revised inflated TPC is $173.072M.

Multiple Watersheds:

29. **62084001 Watersheds Asset Rehabilitation Project (WARP)**
SMALL CAPITAL FORECAST REVISIONS: TPC increased by $2.902M
Small Capital project forecasts are revised each year. Asset rehabilitation projects are added, removed, and rescheduled based on asset condition and project need. In addition, project costs are updated each year based on market conditions. These revisions to both schedule and costs cause several minor changes in expected expenditures over the forecasted period.

WATER RESOURCES STEWARDSHIP

Lower Peninsula Watershed:

30. **26164001 Hale Creek Enhancement Pilot Study**
COST ONLY: TPC increased by $3.425 (TPC Changes due to inflation)
Both the uninflated and inflated TPC increased by $3.425. The total project cost (TPC) increased as a result of the contract award amount being higher than the Engineer's Estimate. The contract was awarded on May 10, 2022, after the adoption of the FY23 Budget and CIP FY 2023-27 Five-Year Plan. The Project's initial construction cost had been planned for $4.5M; however, the awarded

contract amount is $7,337,784. The Board's approval of the award of the contract necessitated a budget adjustment in FY 23, which is reflected in the TPC increase. Further, during right-of-way acquisition of the Project, Valley Water and the property owners went through extensive negotiations, resulting in a construction delay by a year, additional Valley Water labor and 3rd party appraiser fees, and increased easement acquisition costs. The increased costs in the Environmental and Design Phases have been re-appropriated from the construction phase. The revised inflated TPC is $12.389M.

Coyote Watershed:

31. **00C40400s Watershed Habitat Enhancement Design & Construction**
PLACEHOLDER PROJECT ADMINISTRATIVE UPDATES: Schedule Only
To align with the feasibility study currently underway in project 62044001, the Project's planned expenditures were moved to begin in FY27 (this Project includes two sub-placeholder projects for Metcalf Ponds and Ogier Ponds). The overall TPC remain unchanged.

Guadalupe Watershed:

32. **26044001 Almaden Lake Improvements**
SCHEDULE (PHASE ONLY) – TPC Changes due to inflation: Schedule extended 1 year/Inflated TPC increased by $5.419M
The uninflated TPC has not changed; inflated TPC increased by $5.419M. The Project's start of construction has been extended by one year to re-evaluate the scope. It is anticipated that there will be no change to the Total Project Cost. The Project team estimates that the duration of onsite construction will be 30 months starting in FY24 and ending in FY27, followed by a three-year plant establishment period ending in FY30. The revised inflated TPC is $63.150M.

Multiple Watersheds:

33. **26044003 Ogier Ponds Separation from Coyote Creek Planning & Design Project**
SCOPE, SCHEDULE (COMPLETION DATE), AND COST: Scope change/ Schedule extended 7 months/Inflated TPC increased by $17K
The uninflated TPC increased by $99K; the inflated TPC increased by $17K. The Ogier Ponds project was recently included in the Anderson Dam Seismic Retrofit Project (ADSRP) as a conservation measure. As a result, the project's scope has been extended to include gravel augmentation in Coyote Creek between the model airplane facility at Ogier Ponds and the Anderson Dam. The overall project schedule is being extended by 7 months due to geomorphic investigations and sediment transport modeling. The revised inflated TPC is $6.262M.

34. **26044004 Bolsa Road Fish Passage Improvements**
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended by 1 year/Inflated TPC increased by $2.806M
The uninflated TPC increased by $2.092M; the inflated TPC increased $2.806M. The Project schedule has been extended by one year. The revised schedule now accounts for two construction seasons, extending into FY24 and its anticipated be complete by FY27 due to delays in bidding and advertisement. The TPC increased as a result of the contract award amount being 26% higher than the Engineer's Estimate. Additional factors contributing to a cost increase include rapidly escalating costs due to supply chain disruptions, raw material cost inflation, and labor shortages. The Project will span two construction seasons and the in-channel work is scheduled for completion in December 2023. The revised inflated TPC is $9.326M.

26044004 Bolsa Road Fish Passage Improvements (REVISED after 11/14/22):
Project expenditures have been reduced in FY24 and added to FY23 to reflect the revised construction contract encumbrance schedule. There is no change to the overall TPC (uninflated). As a result of these latest changes, the TPC decreased by $144K (inflated). Based upon this revision and combined with the project plan update presented to the CIP Committee on November 14, 2022 (referenced above), the change from the Board adopted FY2023-27 CIP is a TPC increase of $2.662M.

35. **20444001 Calabazas/San Tomas Aquino Creek Marsh Connection**
SCOPE, SCHEDULE (COMPLETION DATE), AND COST: Scope change/Schedule extended by 1 year and 5 months/Inflated TPC increased by $3.317M
The uninflated TPC increased by $3.132M; the inflated TPC increased by $3.317M. The scope of project area is being enlarged to include Pond A4, which will be evaluated during Project Planning, Design, and Environmental phases. Adding Pond A4 to the Project scope would allow staff to explore potential future uses of Pond A4, including but not limited to tidal marsh restoration, placement of Stream Maintenance Program dredge material, and/or nature-based treatment of reverse osmosis concentrate generated from water recycling. The schedule extension of one year and five months it to accommodate Planning, Environmental and Design phase schedule changes due to the enlargement of the project area to include Pond A4; Project cost increase is due to the inclusion of Pond A4. The revised inflated TPC is $15.737M.

36. **26044002 SCW Fish Passage Improvements (D4.3; Evelyn, Singleton)**
SCOPE, SCHEDULE (COMPLETION DATE), AND COST: Scope change/Schedule extended 3 years/Inflated TPC decreased by $953K

The uninflated TPC decreased by $955K; the inflated TPC decreased by $953K. This Project currently accounts for three sub projects, which include Bolsa Road, Evelyn Road, and Singleton Road. The Project scope will remove the Bolsa Road project and add three years of monitoring. Construction was completed in FY22, but three additional years of post-construction monitoring is required before the Project can close-out, which extends the schedule out to FY25. The construction cost has been reduced due to the removal of Bolsa Road project, which has its own project number (26044004 Bolsa Road Fish Passage Project). The revised inflated TPC is $5.371M.

37. **26C40370 SCW Implementation - Fish Passage Improvements (D4.3)**
PLACEHOLDER PROJECT ADMINISTRATIVE UPDATES: Schedule Only
To align with staff availability, the Project's planned expenditures were moved to FY28. The overall TPC remain unchanged.

38. **26C40419 SCW Implementation – Restoration of Natural Creek Functions (D6.3)**
PLACEHOLDER PROJECT ADMINISTRATIVE UPDATES: Schedule Only
To align with staff availability, the Project's planned expenditures were moved to FY28. The overall TPC remain unchanged.

INFORMATION TECHNOLOGY

39. **95274003 WTP-WQL Network Equipment**
SCHEDULE (COMPLETION DATE) AND COST: Schedule extended 9 years/Inflated TPC increased by $1.768M
The uninflated TPC increased by $1.355M; the inflated TPC increased $1.768M. The overall Project schedule has been extended by nine years. Due to Covid-19 and global supply chain issues, the cost to maintain recurring hardware refreshes to Valley Water's Information Technologies technical infrastructure has increased. The timelines of critical upgrades to support remote work during the early stages of Covid-19 were moved forward which caused other projects to be delayed. Furthermore, due to Valley Water pivoting to a hybrid teleworking workforce, the scope of some networking technologies significantly increased, causing future year hardware refreshes to increase. The revised inflated TPC is $13.023M.

BUILDINGS AND GROUNDS

40. **60204032 Headquarters Operations Building**
SCHEDULE (COMPLETION DATE) – TPC Changes due to inflation: Schedule extended 3 years/Inflated TPC increased by $1.282M
The uninflated TPC did not change; the inflated TPC increased by $1.282M due to the Project schedule change. The Project schedule has been extended three

years to align with Valley Water's long-range overall planning. While the overall total Project cost remained unchanged, planned expenditures within specific Phases have been updated. The revised inflated TPC is $16.410M.

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