



Safe, Clean Water

and Natural Flood Protection



Fiscal Year 2023-24 Annual Report

Presented by: Meenakshi Ganjoo, Program Administrator
November 12, 2024

Agenda

FY24 Annual Report Improvements

Program Performance

Next Steps

Community-Preferred Priorities



Priority A

Ensure a safe, reliable water supply

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Priority B

Reduce toxins, hazards and contaminants in our waterways

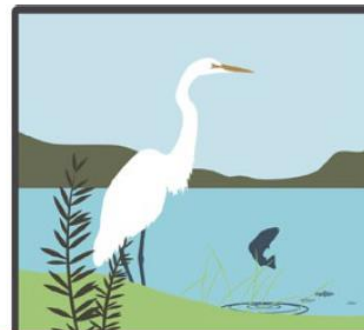
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Priority C

Protect our water supply and dams from earthquakes and other natural disasters

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Priority D

Restore wildlife habitat and provide open space access

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Priority E

Provide flood protection to homes, businesses, schools, streets and highways

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Priority F

Support public health and public safety for our community

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Annual Report Improvements

Report Improvements

Several report improvements, including:

1. Added new financial graphs comparing initial 15-year funding allocations to the FY24 Board-approved Adjusted 15-year plan.
2. Where applicable, adjusted text to explain how the projects address climate change.
3. Update project descriptions by replacing/deleting outdated information

**PROJECT B2
INTER-AGENCY URBAN RUNOFF
PROGRAM**

This project supports Valley Water's continued participation in the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) and South County stormwater programs. These programs enable Valley Water to reduce stormwater pollution through technical support and regional leadership. In addition, this project supports stormwater pollution prevention activities in South County Watersheds and green stormwater infrastructure (GSI). GSI allows rainwater runoff from roads, parking lots and other impervious surfaces to soak into the ground and be filtered by soil rather than discharge into storm drains that transport the water to creeks.

Project B2 allows Valley Water to participate in the regulatory development process related to stormwater by participating in stormwater permit re-issuance and providing review, analysis and comments on various water quality regulatory efforts. This project also allows Valley Water to collaborate with local agencies on public education and outreach activities to help prevent urban runoff pollution at the source.

Multi-benefit projects, such as green stormwater infrastructure, are important strategies to address water quality. Green infrastructure uses plants to soak water into the ground, which slows down, spreads and helps absorb rainwater instead of having it go down a storm drain. This improves water quality, can increase groundwater supplies and reduces peak flows to a creek.

Green stormwater infrastructure helps adapt to climate change by increasing groundwater recharge, reducing heat island effects, capturing carbon, lowering building energy demands, and increasing potential water supply sources.

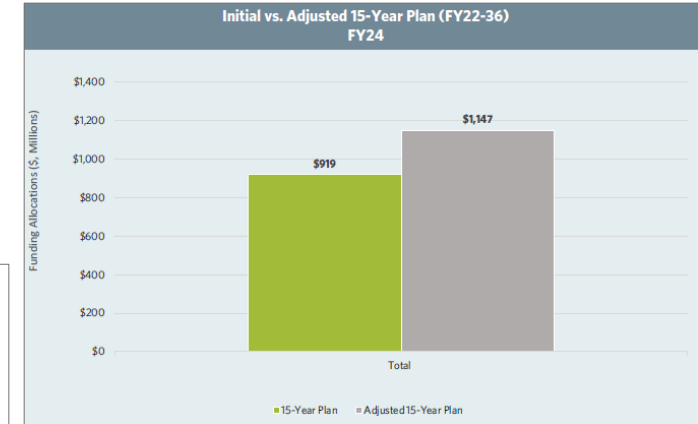
Benefits

- Partners with municipalities and other agencies to reduce contaminants in stormwater and improve surface water quality in our streams, reservoirs, lakes and wetlands
- Maintains Valley Water compliance with the Regional Water Quality Control Board requirements in National Pollutant Discharge Elimination System (NPDES) permits
- Allows continued participation in SCVURPPP and South County urban runoff programs
- Allows Valley Water to help direct required monitoring efforts in ways that benefit Valley Water programs and projects
- Promotes stormwater pollution prevention
- Facilitates collaboration with partners on stormwater projects that provide multiple benefits and support Valley Water's mission
- **Addresses climate change** Helps with climate change adaptation by increasing groundwater recharge, reducing heat island effects, capturing carbon, and lowering building energy demands

Key Performance Indicators (FY22-36)

1. Address trash in creeks by maintaining trash capture devices or other litter control programs.
2. Maintain Valley Water's municipal stormwater compliance program and partner with cities to address surface water quality improvements, including participation in at least three (3) countywide, regional, or statewide stormwater program committees to help guide regulatory development, compliance, and monitoring.
3. Support at least one (1) stormwater quality improvement activity per 5-year implementation period in Santa Clara County, including providing up to \$1.5 million over 15 years to support implementation of green stormwater infrastructure consistent with Santa Clara Basin and South County Stormwater Resource Plans.

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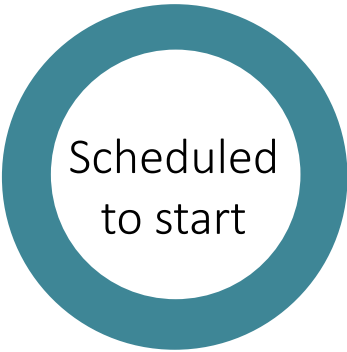
FY2023-24 Annual Report Program Performance

Annual Project Status Categories



Active

The project is currently underway.



Scheduled to start

The project is scheduled to start in a future fiscal year.



On Hold

Work on delivering the project KPIs is temporarily on hold while efforts are underway to address the project's challenges.



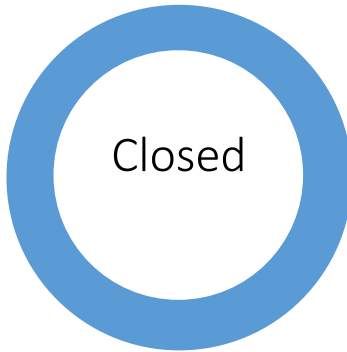
KPI Not Achieved

Project KPIs were not met.



Completed

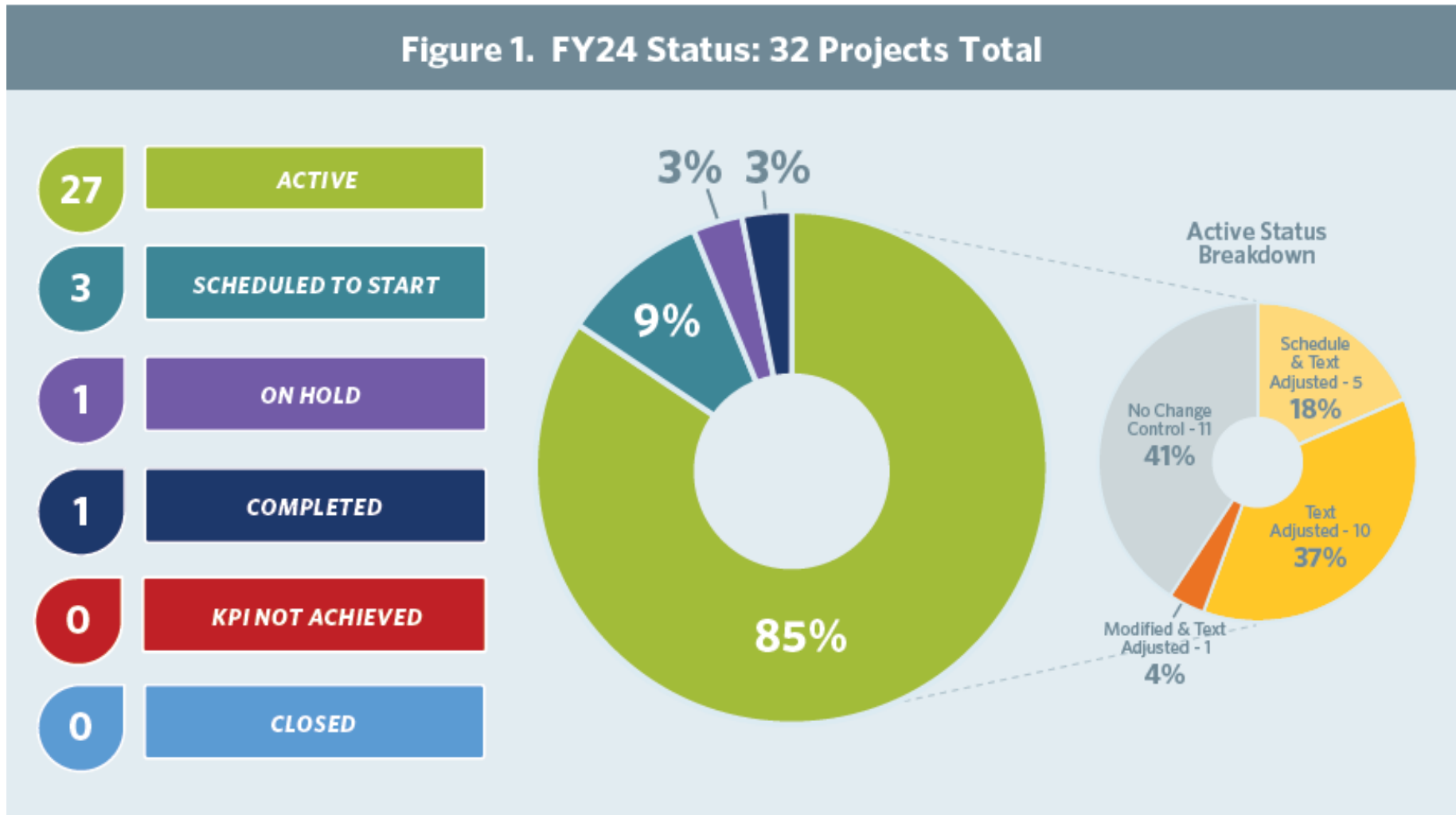
Project KPIs have been met.



Closed

Project KPIs have been met and the project has been closed out.

Annual Project Status



Project Non-Implementation & Modifications FY24

Following the close of the public hearing on April 9, 2024, the Board approved the following Program changes:

1. Non-Implementation - Project A1: Pacheco Reservoir Expansion under the Safe, Clean Water Program
2. Modifications - Project E8: Upper Guadalupe River Flood Protection and F9: Grants and Partnerships for Safe, Clean Water, Flood Protection and Environmental Stewardship

Public Hearing link:

<https://scvwd.legistar.com/LegislationDetail.aspx?ID=6606593&GUID=315707B7-C9E7-4429-81D7-8A02289B2048>

FY24 Program Highlights



Phase 2A finished tunnel

1. Released the Anderson Dam Seismic Retrofit Project Draft Environmental Impact Report on Sept. 1, 2023.
2. Completed Phase 2A of the Upper Llagas Creek Flood Protection Project
3. Completed the installation of over 8,500 feet of floodwalls under the Coyote Creek Flood Mitigation Measures Project
4. The Board approved increasing project funding for the Sunnyvale East and Sunnyvale West Channels Flood Protection Project to construct both phases and complete the project.

FY24 Program Highlights...cont.



Bolsa Road Fish Passage Improvements

5. Provided \$4.0 million to the Santa Clara Valley Habitat Agency to acquire 978 acres of Richmond Ranch near San José.
6. Provided \$1 million for water conservation efforts, including rebates to help convert about 1.4 million sq ft of lawns into low-water use landscapes
7. Completed the Bolsa Road Fish Passage Project on Uvas-Carnadero Creek, south of Gilroy
8. Awarded \$95,000 in grants, including grants for water-bottle refill stations

FY24 Program Highlights...cont.

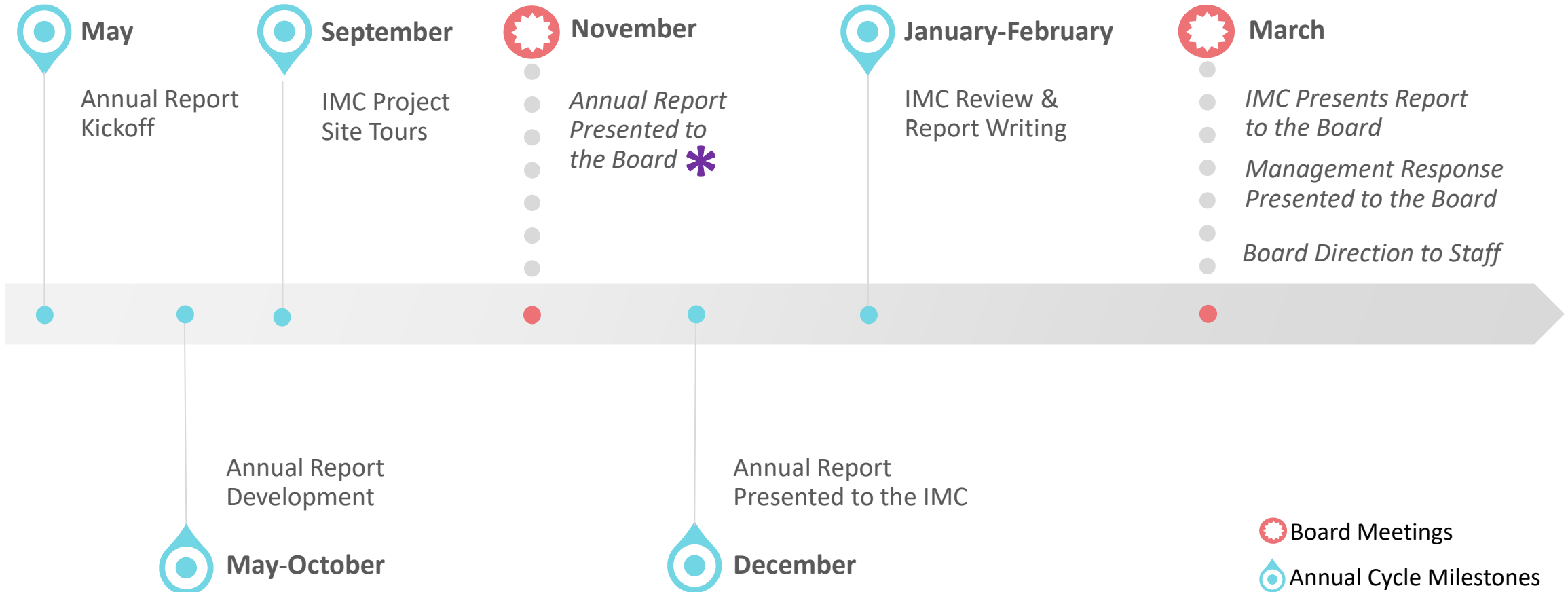


Los Gatos Creek near Bascom Avenue before (above) and after (below) cleanup



9. Removed 1,201 tons of trash from local waterways
10. Removed about 372 cubic yards of (vegetation) and 54,452 cubic yards of sediment from local creeks to reduce flood risks
11. Managed nearly 3,515 acres to clean up encampment-generated trash, debris, and hazardous pollutants

Next Steps: Annual Report & IMC Review Timeline



Board Actions Today

1. Approve the Fiscal Year 2023-2024 (FY24) Safe, Clean Water and Natural Flood Protection Program Annual Report, with text adjustments to projects
2. Authorize staff to submit it to the Independent Monitoring Committee for its review; and
3. Authorize staff to update the Annual Report with audited financials.

QUESTIONS



Valley Water

Clean Water • Healthy Environment • Flood Protection