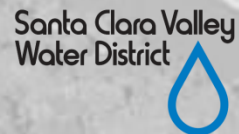




**Fiscal Year 2015-2016**  
**Safe, Clean Water and Natural Flood Protection Program**  
**Annual Report – Year 3**



# Agenda

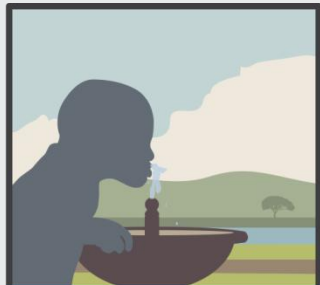
## ▶ **FY 2015-2016 Annual Report Overview**

- ▶ Program Summary
- ▶ Program Performance
- ▶ Program Highlights
- ▶ Report Improvements

## ▶ **Next Steps**

- ▶ Finalize and Distribute Report
- ▶ Independent Monitoring Committee (IMC) Review

# Program Summary



## **Priority A:**

Ensure a safe, reliable water supply

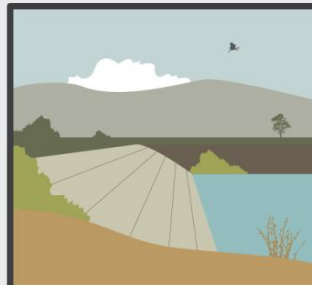
**Safe, Clean Water**  
and Natural Flood Protection



## **Priority B:**

Reduce toxins, hazards and contaminants in our waterways

**Safe, Clean Water**  
and Natural Flood Protection



## **Priority C:**

Protect our water supply from earthquakes and natural disasters

**Safe, Clean Water**  
and Natural Flood Protection



## **Priority D:**

Restore wildlife habitat and provide open space

**Safe, Clean Water**  
and Natural Flood Protection



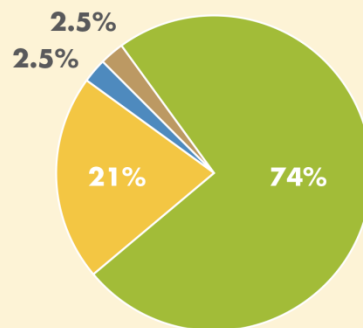
## **Priority E:**

Provide flood protection to homes, businesses, schools and highways

**Safe, Clean Water**  
and Natural Flood Protection

# Program Performance

## FY16 Status: 38 Projects Total



Project	Project Description	Status
Priority A: Ensure a Safe, Reliable Water Supply		
A1	Main and Madrone Avenue Pipelines Restoration	ADJUSTED
A2	Safe, Clean Water Partnerships and Grants	ON TARGET
A3	Pipeline Reliability Project	SCHEDULED TO START
Priority B: Reduce Toxins, Hazards, and Contaminants in our Waterways		
B1	Impaired Water Bodies Improvement	ON TARGET
B2	Inter-Agency Urban Runoff Program	ON TARGET
B3	Pollution Prevention Partnerships and Grants	ON TARGET
B4	Good Neighbor Program: Encampment Cleanup	ON TARGET
B5	Hazardous Materials Management and Response	ON TARGET
B6	Good Neighbor Program: Remove Graffiti and Litter	ON TARGET
B7	Support Volunteer Cleanup Efforts and Education	ON TARGET
Priority C: Protect our Water Supply from Earthquakes and Natural Disasters		
C1	Anderson Dam Seismic Retrofit	ON TARGET
C2	Emergency Response Upgrades	ON TARGET
Priority D: Restore Wildlife Habitat and Provide Open Space		
D1	Management of Revegetation Projects	ON TARGET
D2	Revitalize Stream, Upland and Wetland Habitat	ON TARGET
D3	Grants and Partnerships to Restore Wildlife Habitat and Provide Access to Trails	ON TARGET
D4	Fish Habitat and Passage Improvements Trails	ON TARGET
D5	Ecological Data Collection and Analysis	ON TARGET
D6	Creek Restoration and Stabilization	ON TARGET
D7	Partnerships for the Conservation of Habitat Lands	ON TARGET
D8	South Bay Salt Ponds Restoration Partnership	ON TARGET
Priority E: Provide Flood Protection to Homes, Businesses, Schools, and Highways		
E1.1	Vegetation Control for Capacity	ON TARGET
E1.2	Sediment Removal for Capacity	ON TARGET
E1.3	Maintenance of Newly Improved Creeks	ON TARGET
E1.4	Vegetation Management for Access	ON TARGET
E2.1	Coordination with Local Municipalities on Flood Communication	ON TARGET
E2.2	Flood-Fighting Action Plans	ON TARGET
E3	Flood Risk Reduction Studies	ON TARGET
E4	Upper Penitencia Creek Flood Protection	ADJUSTED
E5	San Francisquito Creek Flood Protection	ON TARGET
E6	Upper Llagas Creek Flood Protection	ADJUSTED
E7	San Francisco Bay Shoreline Study	ON TARGET
E8	Upper Guadalupe River Flood Protection	ADJUSTED
Other Flood Protection Projects and Clean, Safe Creeks Grants Projects		
	Permanente Creek Flood Protection	ADJUSTED
	Sunnyvale East/West Channels Flood Protection	ADJUSTED
	Berryessa Creek Flood Protection	ADJUSTED
	Coyote Creek Flood Protection	ADJUSTED
	Calabazas Creek Flood Protection	COMPLETED
	Clean Safe Creeks Grants Projects	ON TARGET

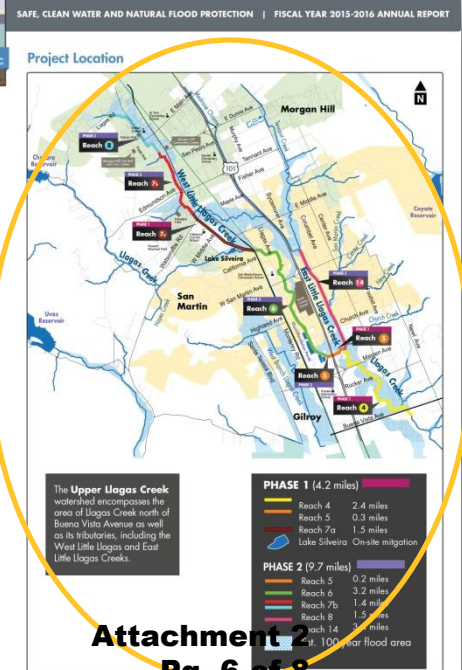
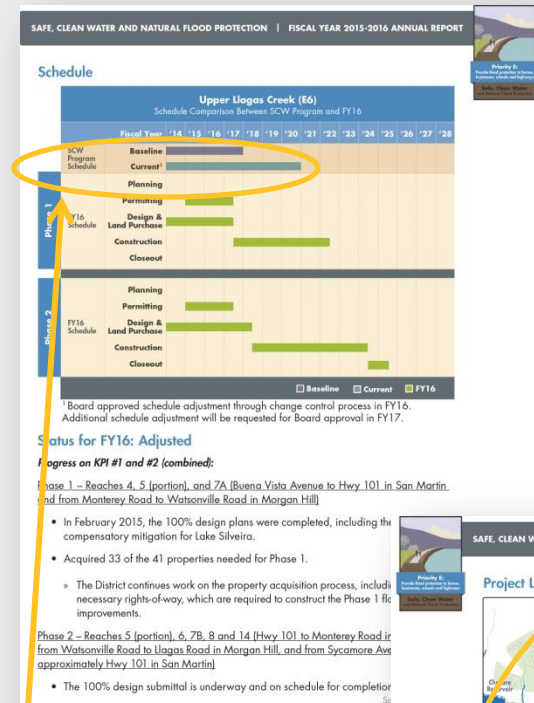
# Program Highlights

Fiscal Year 2015 - 2016

- ▶ **Fish Habitat and Passage Improvement (Evelyn Bridge):** District completed construction of the Evelyn Bridge Fish Passage project at Stevens Creek on November 21, 2015
- ▶ **San Francisco Creek Flood Protection Project:** Board awarded the construction contract for the San Francisco Bay to Highway 101 Flood Protection project.
- ▶ **San Francisco Bay Shoreline Study:** Study partners closed out the feasibility study phase in FY16 and will move forward with the preliminary engineering and design phase in FY17.
- ▶ **Upper Guadalupe River Flood Protection Project:** USACE completed the channel construction for Reach 12 (from Branham Lane to Blossom Hill Road) in November 2015.
- ▶ **Water Conservation Grants:** Board awarded \$130,000 to 3 recipients to test new conservation activities. Total amount awarded since FY14 is \$458,500.
- ▶ **Safe, Clean Water Cleanup Activities:** District removed a total of more than 937 tons (approximately 13,118 cubic yards) of trash and debris from our waterways through pollution prevention and reduction activities, trash capture devices, encampment cleanups, trash and debris removal, and volunteer cleanup programs and events (projects B1, B2, B4, B6, and B7 respectively).
- ▶ **Emergency Response Upgrades:** District partnered with Colorado State University and National Oceanic and Atmospheric Administration on a pilot project using X-Band Doppler radar to improve forecasting rainfall amount.
- ▶ **Grants and Partnerships to Restore Wildlife Habitat and Provide Access to Trails:** Board awarded 17 grants totaling \$1,988,684, in FY16 to restore wildlife habitat.
- ▶ **Safe, Clean Water Change Control Process:** Board approved the Safe, Clean Water Change Control Process, which established the processes for adjustments, modifications and project non-implementation for the Safe, Clean Water Program.

# Report Improvements

- ▶ IMC Recommendations (FY 15 Report )
  - ▶ Expanded financial tables for each project
  - ▶ Enhanced confidence level ratings
  - ▶ Completed KPIs clearly identified
- ▶ Other improvements
  - ▶ Schedules with SCW Program Original and Adjusted Baseline
  - ▶ Updated project maps



# Next Steps

- ▶ Finalize Report
  - ▶ Incorporate Board input
  - ▶ Audited financials
- ▶ Provide to IMC for review



# Questions?

Santa Clara Valley  
Water District

