

COUNTY OF SAN MATEO



Improving Flood Control in San Mateo County's Areas of Responsibility

James C. Porter, Director of Public Works

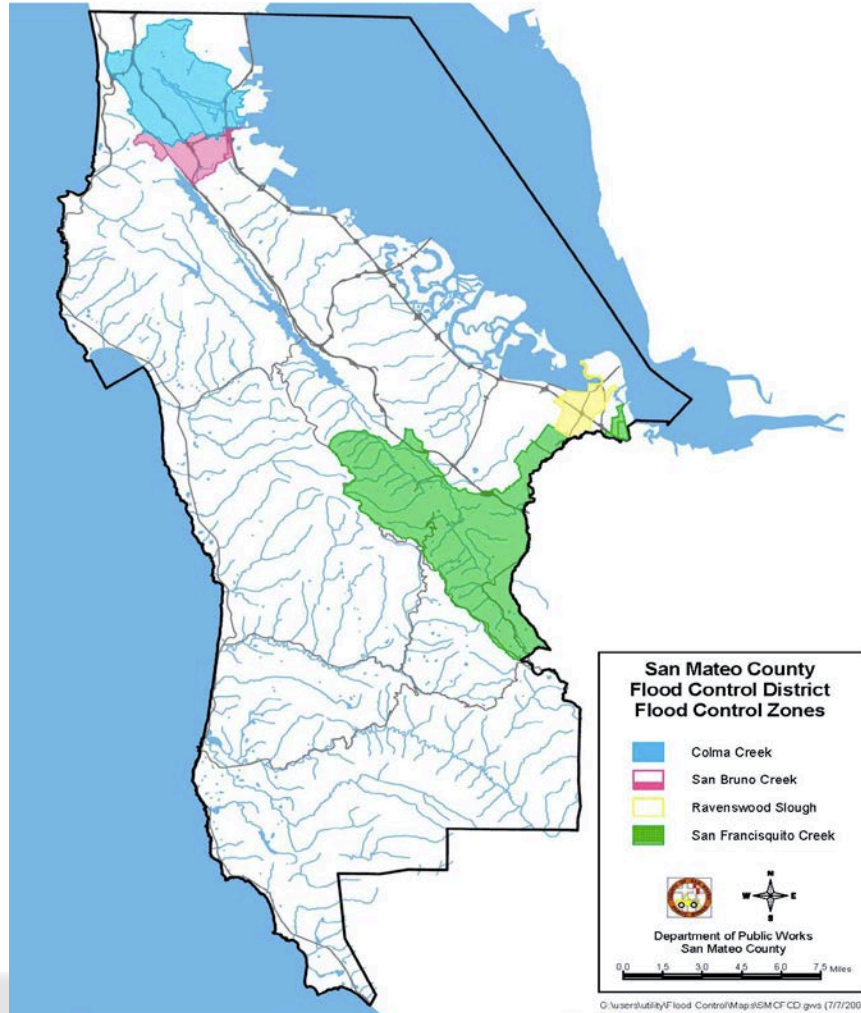


San Mateo County Flood Control District Areas of Responsibility and Funding

- San Mateo County Flood Control District (SMCFCD) created in 1959 (Cal. Water Code Appendix, Chapter 87)
- SMCFCD encompasses entire County area
- Funding available in three subzones:
 - Colma Creek, approx. \$2.5M to \$3M per year
 - San Bruno Creek, approx. \$200,000 to \$250,000 per year
 - San Francisquito Creek, approx. \$250,000 to \$300,000 per year
- Funding derived from a portion of the 1% property tax that was in place in 1978 when Prop 13 passed
- Funding structure similar to majority of other Bay Area county flood control districts
- No funding available outside of subzones



San Mateo County Flood Control District Areas of Responsibility



Identified Areas with Flooding Issues Outside of Three Subzones

- Bayfront Canal (North Fair Oaks, Atherton, Redwood City)
- Belmont Creek (Harbor Industrial Area, Belmont, San Carlos)
- Coyote Point (City of San Mateo)
- Navigable Slough (San Bruno, South San Francisco)
- Vista Grande Canal (Broadmoor Village, Daly City)
- Butano/Pescadero Creek Watershed (Pescadero)
- Ancillary Issue - Expanded Creek Flow Monitors



Expanded San Mateo County Flood Control District – Areas Identified for Work



Flood Control Zones (FCZ)	Other
1 Colma Creek	Project Areas
2 San Bruno Creek	Unincorporated Areas
3 Ravenswood Slough	Cities
4 San Francisquito Creek	
FCZ Boundary	



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Belmont Creek at 101 – January 19, 2016

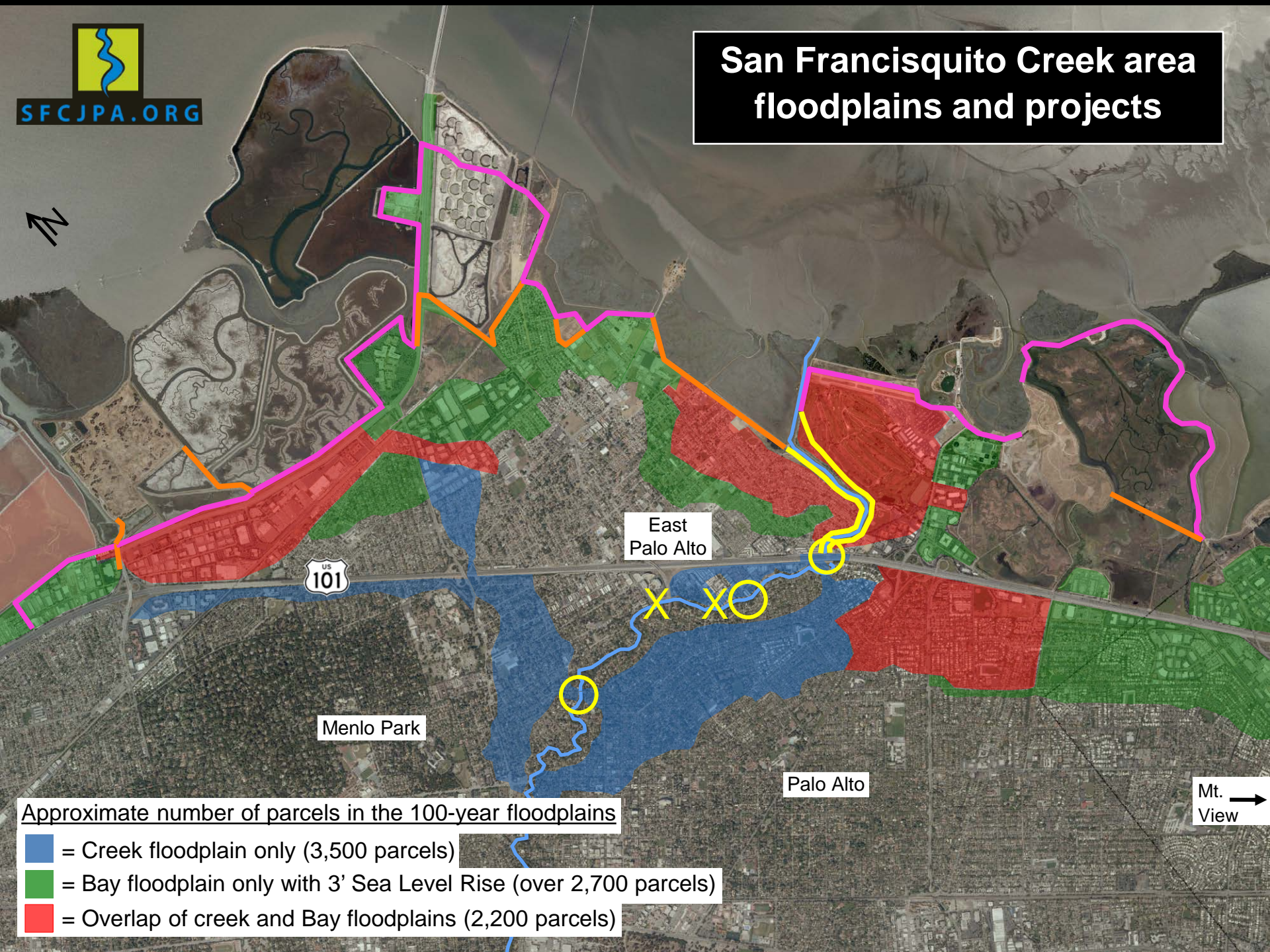


The Proposal




- Request \$200,000 in FY 15/16 and \$2M per FY over next three FYs
- Retain Program Manager and Technical Support Staff – Two Positions Total
- Work on Projects that benefit unincorporated County areas and assets with willing partners
- Aggressively pursue grant funds
- Provide greater presence for San Mateo County in Federal, State, and Regional Issues
- Support C/CAG's Water Committee



San Francisquito Creek area floodplains and projects



Approximate number of parcels in the 100-year floodplains

-  = Creek floodplain only (3,500 parcels)
-  = Bay floodplain only with 3' Sea Level Rise (over 2,700 parcels)
-  = Overlap of creek and Bay floodplains (2,200 parcels)

Mt. View →

Improving the flood warning system

Pope-Chaucer depth gauge

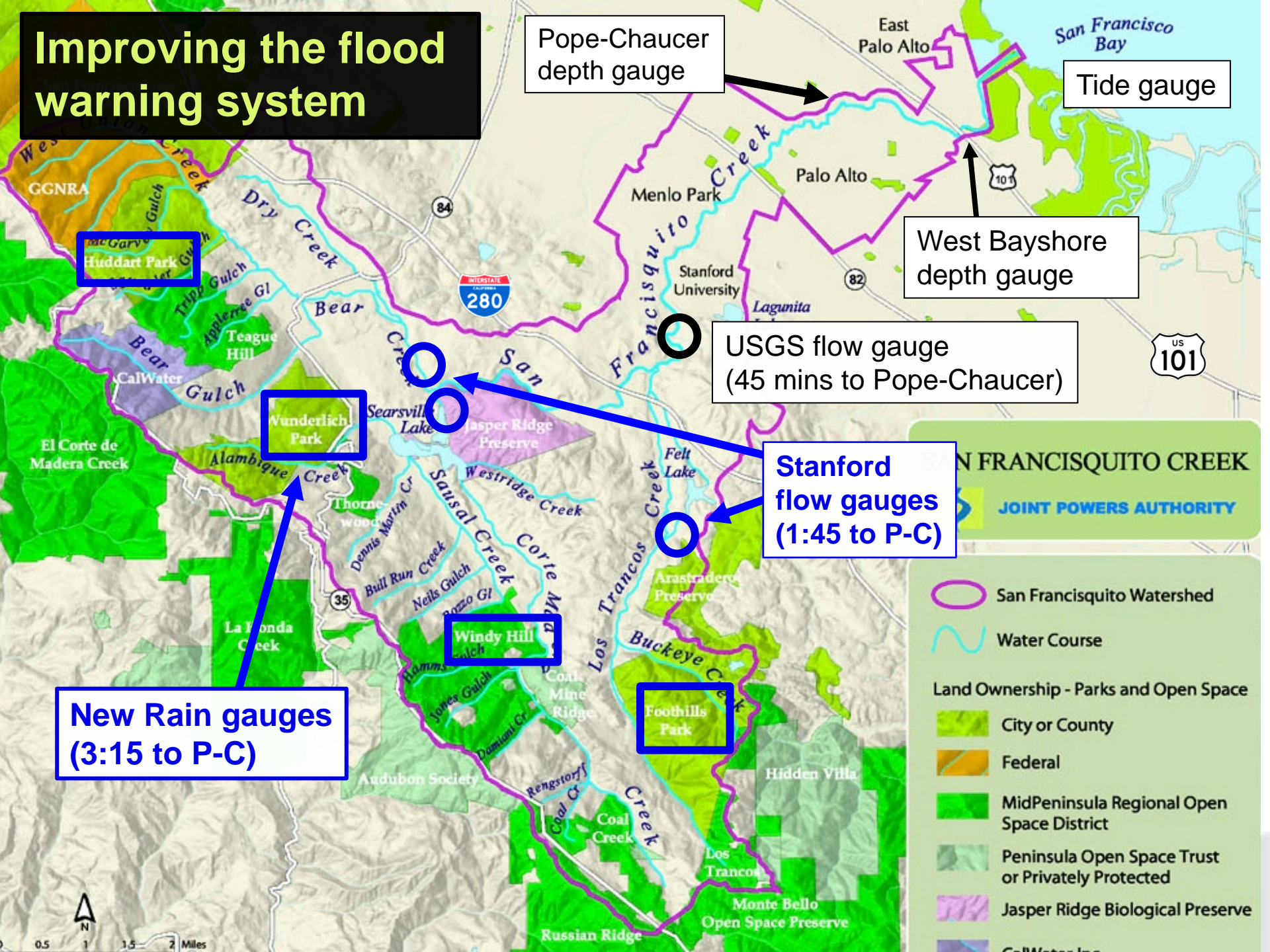
Tide gauge

West Bayshore depth gauge

USGS flow gauge
(45 mins to Pope-Chaucer)

Stanford flow gauges
(1:45 to P-C)

New Rain gauges
(3:15 to P-C)



SAN FRANCISQUITO CREEK
JOINT POWERS AUTHORITY

- San Francisquito Watershed
- Water Course
- Land Ownership - Parks and Open Space
 - City or County
 - Federal
 - MidPeninsula Regional Open Space District
 - Peninsula Open Space Trust or Privately Protected
 - Jasper Ridge Biological Preserve
 - CalWater Inc.



FLOOD MAP

RECEIVE ALERTS

REPORT A PROBLEM

BACKGROUND DATA

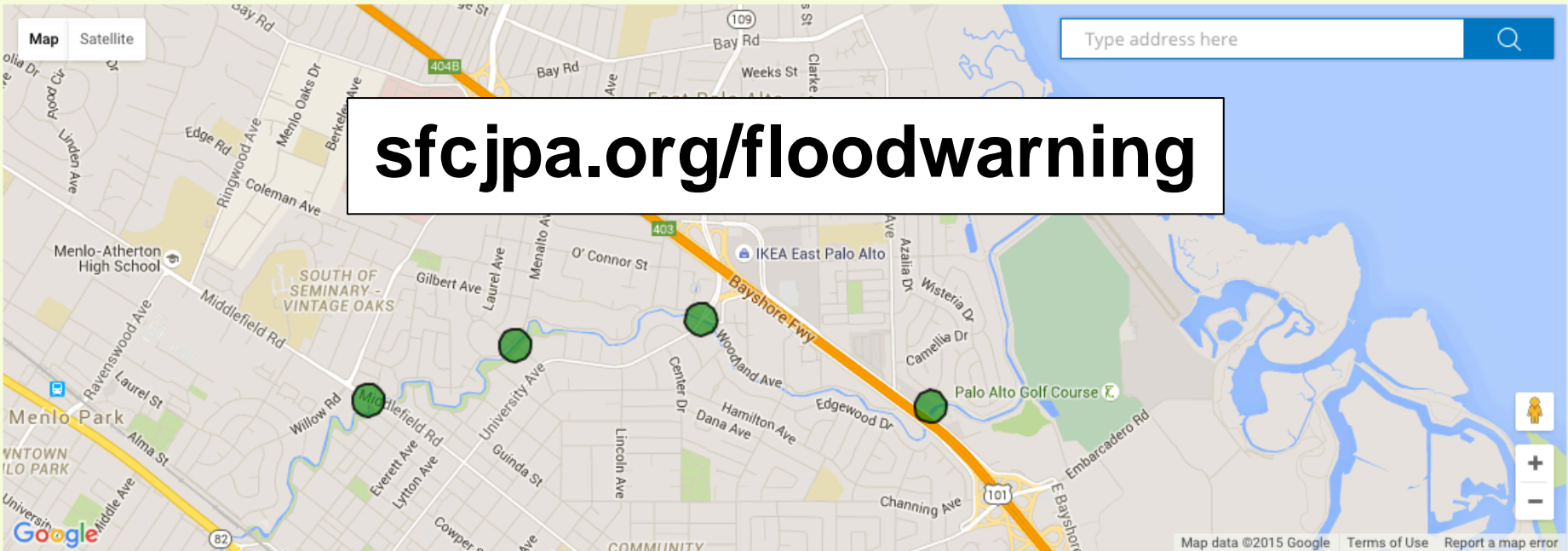
ABOUT

PALO ALTO CREEK MONITOR WEBSITE

November 18, 2015 09:46:07 pm The information on this website updates every 15 minutes — for current conditions, periodically refresh or relaunch this website.

No flooding is anticipated at this time. Should conditions change, this message and the map below will change and a new text/e-mail message will be sent to individuals who requested to receive such alerts using the tab above.

PLEASE NOTE: For specific and timely information regarding emergency response in your community, click on the link under Local Agencies Emergency Websites below. Please do NOT call 9-1-1 unless there is an imminent threat to life or property.



sfcjpa.org/floodwarning

This map is based upon the best available data from gauges, models and past events. Please monitor local conditions and take appropriate action.

FLOOD MAP

RECEIVE ALERTS

REPORT A PROBLEM

BACKGROUND DATA

ABOUT

PALO ALTO CREEK MONITOR WEBSITE

September 24, 2015 09:02:09 am The information on this website updates every 15 minutes — for current conditions, periodically refresh or relaunch this website.

FLOOD WARNING: San Francisquito Creek is expected to flood at the following locations shown as a red circle on the map, which may pose a risk to life and property in areas shaded red.

>> Pope-Chaucer Bridge

>> University Avenue Bridge

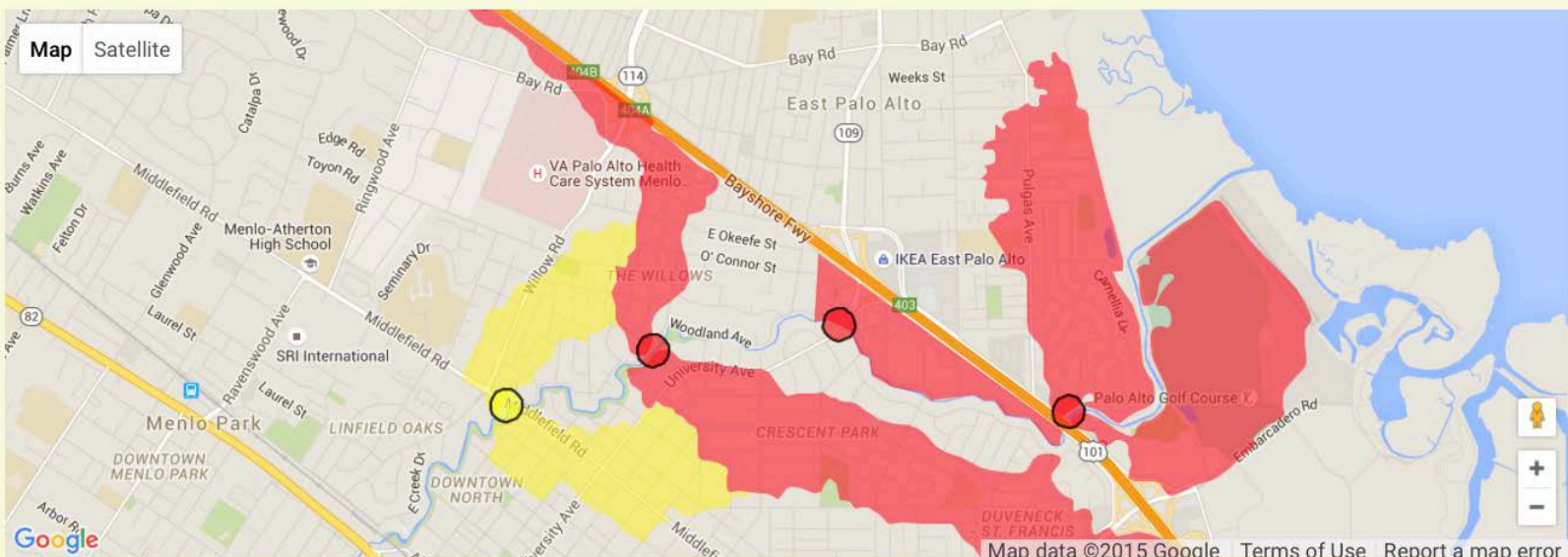
>> Highway 101 and areas to the east downstream

FLOOD WATCH: Individuals in and nearby yellow shaded areas on the map below should remain on alert because water flow in San Francisquito has reached 60% of creek capacity at the following locations shown as a yellow circle.

>> Middlefield Road Bridge

* For location-specific information regarding emergency response, click on the link to your jurisdiction's emergency webpage at lower left. *

Type address here



Map data ©2015 Google Terms of Use Report a map error

This map is based upon the best available data from gauges, models and past events. Please monitor local conditions and take appropriate action.

What Happens at the End of Year 3?

- Assess progress made to date on enhanced flood control
- Assess available funding sources
- Determine whether support exists to continue work
- Assess options for new agency independent of County

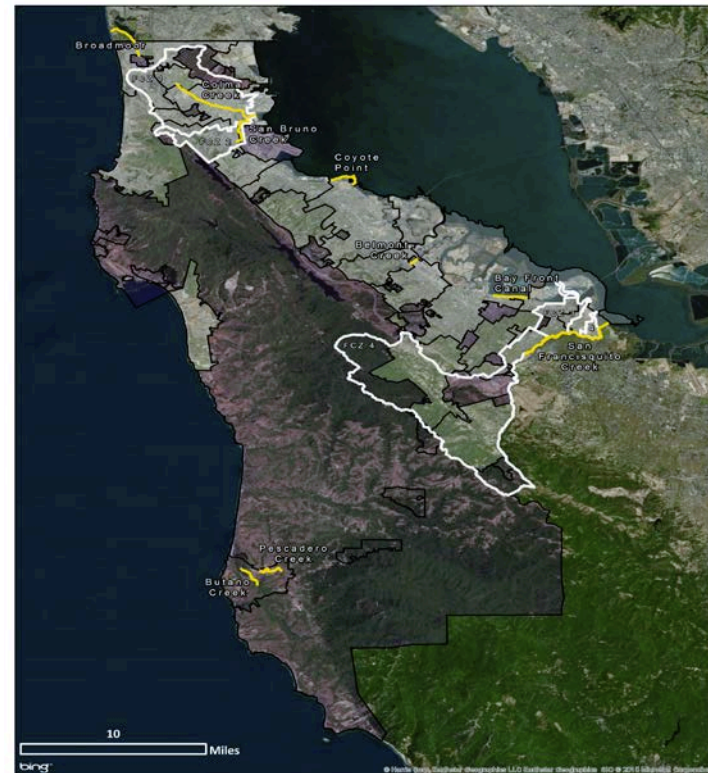


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Thank You!

Questions?



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