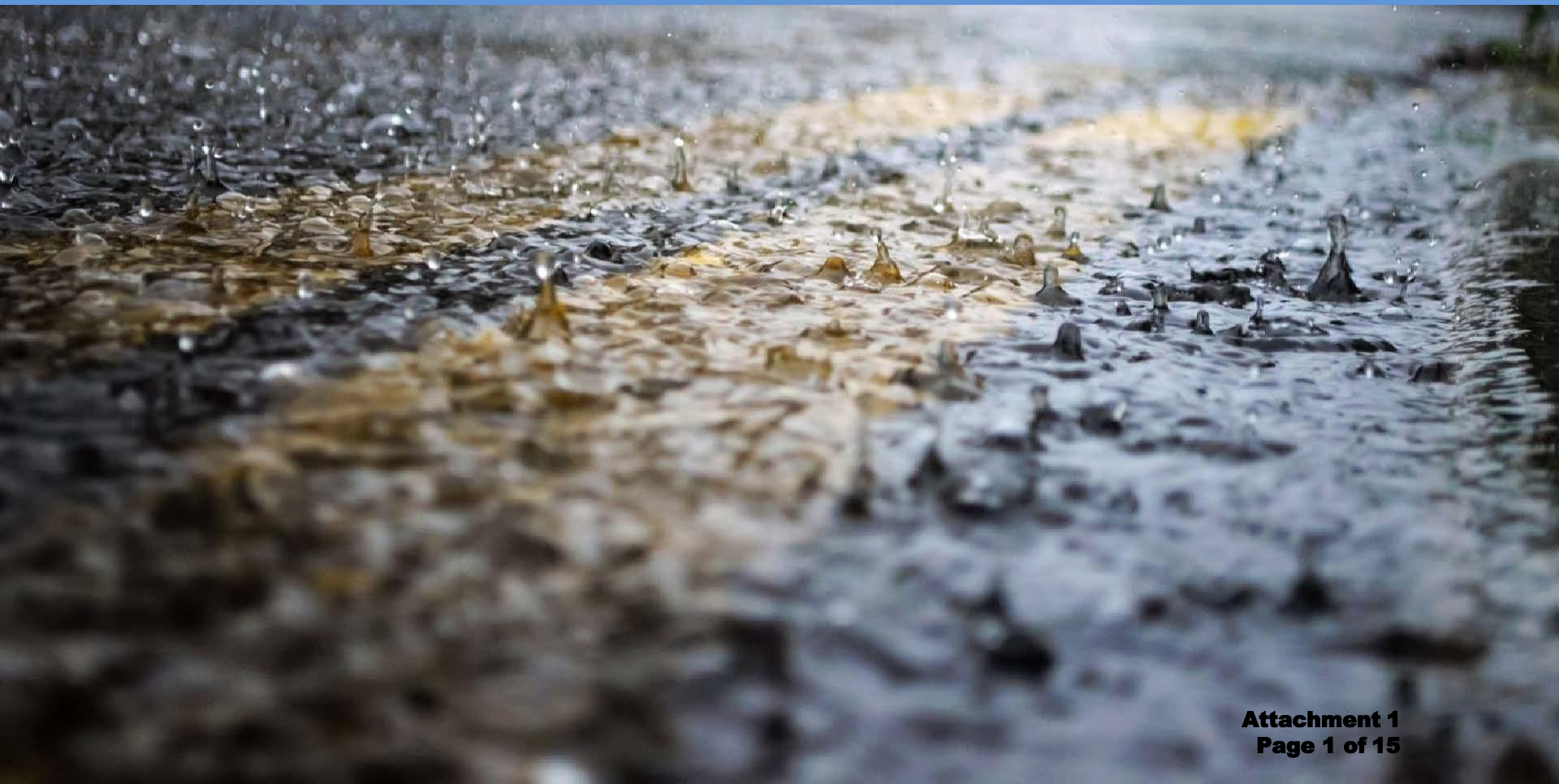
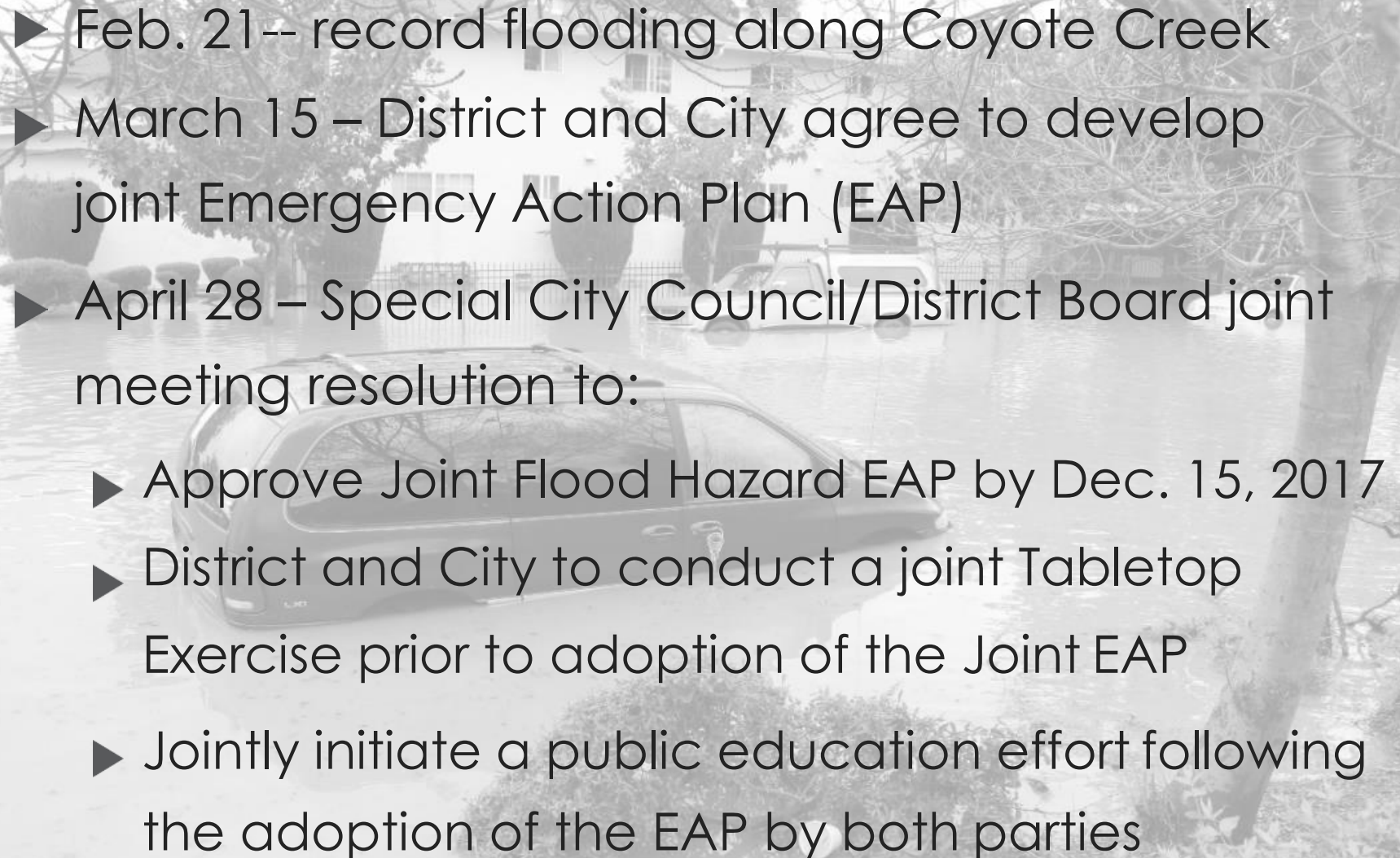


City of San José & Santa Clara Valley Water District Joint Emergency Action Plan

Status Report- Aug. 22, 2017



Call for joint emergency action plan

- 
- ▶ Feb. 21-- record flooding along Coyote Creek
 - ▶ March 15 – District and City agree to develop joint Emergency Action Plan (EAP)
 - ▶ April 28 – Special City Council/District Board joint meeting resolution to:
 - ▶ Approve Joint Flood Hazard EAP by Dec. 15, 2017
 - ▶ District and City to conduct a joint Tabletop Exercise prior to adoption of the Joint EAP
 - ▶ Jointly initiate a public education effort following the adoption of the EAP by both parties

Joint EAP team comes together

- ▶ EAP to set general guidelines for:
 - ▶ Preparedness
 - ▶ Event detection, evaluation and classification,
 - ▶ Notifications and communications
 - ▶ Emergency response activities/actions
 - ▶ Demobilization and recovery

Preparedness

- ▶ Conduct joint annual EAP exercise
- ▶ Carry out floodplain & creek management
- ▶ Procure & maintain material, and equipment
- ▶ Hold winter preparedness workshop
- ▶ Coordinate & conduct flood awareness outreach
- ▶ Update crisis communications plan



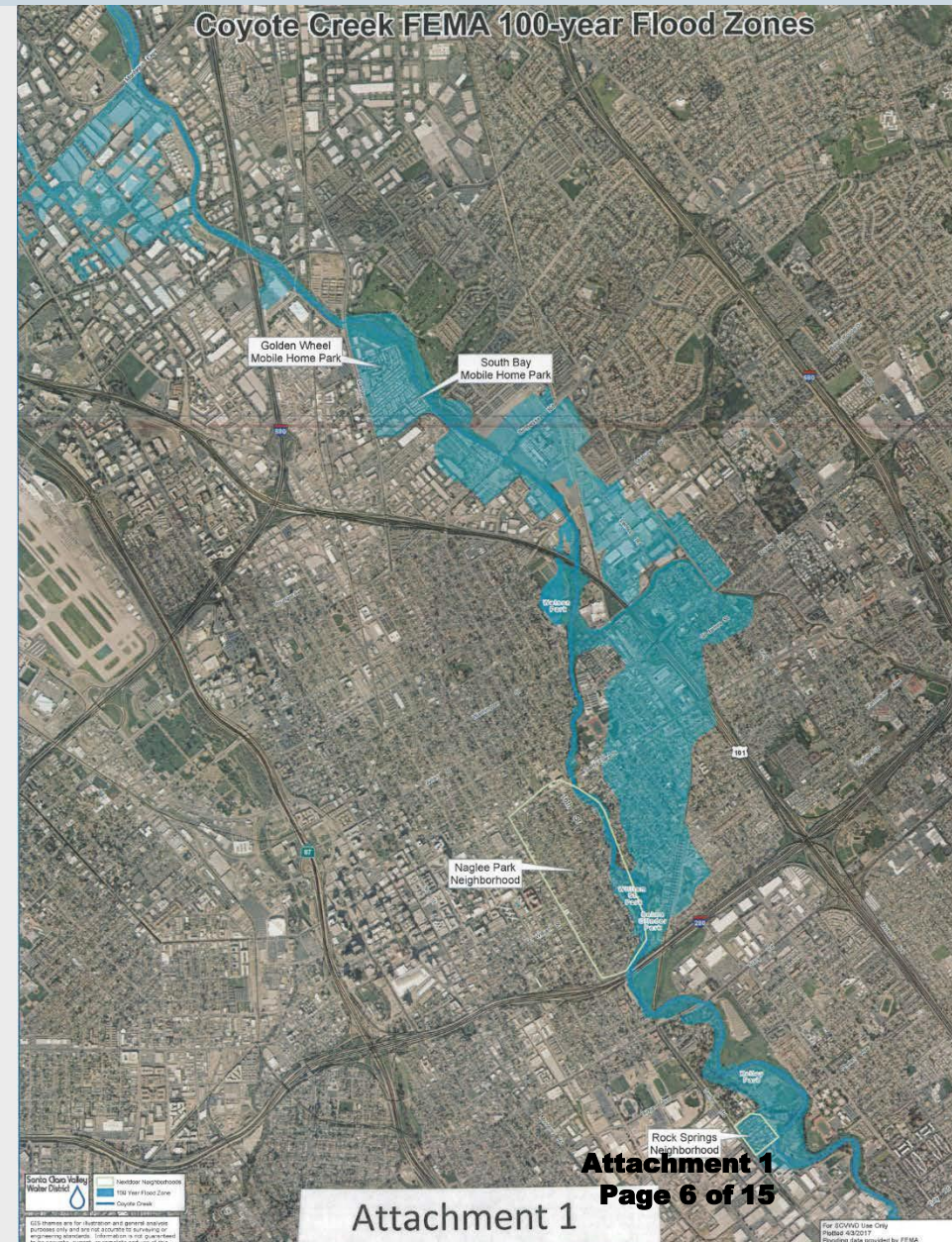
Detection

- ▶ Forecasting & modeling
 - ▶ Model calibration
 - ▶ Forecast range
- ▶ Stream gauges
 - ▶ ALERT
 - ▶ Visual
- ▶ Flood information teams (FIT)



Evaluation and classification

- ▶ Classify flood risk
- ▶ Flood risk matrix
 - ▶ Preparedness – Green
 - ▶ Advisory/Monitor – Yellow
 - ▶ Watch – Orange
 - ▶ Warning - Red
- ▶ Historic Flood Inundation Maps & 100-year Flood Map



Flood risk matrix

		Forecast Flood Severity				
Days to peak event	Time					
	0 to 1 day				Action	
	1 to 3 days				Watch	
	3 to 5 days			Monitor		
	5 or more days	Prepare				
		No Flood	Near Flood	Minor Flood	Moderate Flood	Major Flood
		Severity of the event				

Notifications and communications

- ▶ Notifications flow charts
- ▶ Maintain flood information website
- ▶ National Weather Service coordination
- ▶ Public messaging
- ▶ Walk homeless encampments, and at risk neighborhoods



Emergency Activity/Actions

Flood Monitoring actions

- ▶ Initiate multi-agency coordination (MAC) – City/District
- ▶ Update forecast/modeling; monitor stream gauges
- ▶ Stock sandbag sites
- ▶ Plan/deploy flood information teams (FITs)
- ▶ Communicate risk
- ▶ Initiate public messaging
- ▶ Update flood information website

Santa Clara Valley Water District

Be FloodSafe with sandbags

BE PREPARED

Residents need to monitor water levels in creeks and storm drains near their homes as we enter the wet weather season. Major flood protection projects have been completed in Santa Clara County since 1982, but urban flooding can still occur along other portions of the rivers and creeks. Overflowing storm drains also can cause serious flooding.

Unlike other areas where residents may know days before a river reaches flood stage, flooding in the Santa Clara Valley can occur with little warning. Heavy winter rains can cause flooding in minutes. The heaviest rains and flooding are most likely to occur between December and March, so now's the time to begin preparing.

The Santa Clara Valley Water District is providing this Wet Weather Checklist to help you and your family prepare in advance of potential flooding. Please use it now, and keep it for future reference.

For questions visit us online at www.valleywater.org/sandbags/

MAP LEGEND

- Creeks, rivers and reservoirs
- Flood prone areas
- City/County public works yards
- Water district maintained sites

SANTA CLARA VALLEY WATER DISTRICT SANDBAG STATIONS

FILLED SANDBAGS, AVAILABLE LATE NOVEMBER THROUGH APRIL. AT CERTAIN TIMES, SITES MAY BE STOCKED WITH SAND AND EMPTY BAGS. BRING YOUR OWN SHOVEL. SITES OPEN 24 HOURS A DAY, 7 DAYS A WEEK. BAGS MAY BE HEAVY, CONSIDER BRINGING ASSISTANCE TO LOAD BAGS.

- A Palo Alto** • 1925 Embarcadero Road, adjacent to Palo Alto Air Terminal
- B1 Alviso** • Northeast corner of Gold and Catherine streets
- B2 Alviso** • Located behind George Mayne Elementary School, 5030 N 1st Street, (entrance on Wilson Way behind school)
- C San Jose** • City Main Yard, 1404 Mabury Road (left fill, sand and empty bags are provided)
- D San Jose** • City Central Service Yard, 1661 Senter Road at Phalan Avenue
- E San Jose** • Santa Clara Valley Water District Warehouse, 5905 Winfield Boulevard, between Blossom Hill Road and Coleman Avenue – bag pickup street access only
- F Morgan Hill** • El Toro Fire Station, 18300 Old Monterey Road, next to the Union Pacific Railroad overpass above Monterey Highway

OTHER SOURCES OF UNFILLED SANDBAGS. BRING YOUR OWN SHOVEL. EMPTY BAGS SUPPLIED BY THE WATER DISTRICT. CONSIDER BRINGING ASSISTANCE TO FILL AND LOAD BAGS. PROOF OF RESIDENCY MAY BE REQUIRED AT SOME SITES. CHECK INDIVIDUAL SITES FOR OPERATING HOURS.

- 1 Palo Alto** • Mitchell Park, 600 E. Meadow Drive near baseball field. Bags and sand available all day. (650) 496-6974, after hours: (650) 329-2413
- 2 Milpitas** • Hall Memorial Park (parking lot), La Honda/Hermosa Street. Additional bags located at the Sports Center at 1325 E. Calaveras Blvd. (408) 586-2600, after hours: (408) 586-2400. BOTH sites will have sand and bags 24/7.
- 3 Mountain View** • Public Services, 2311 N. Whisman Ave. (located at Whisman Rd. and Gladys Ave.) (650) 903-6329, after hours: (650) 903-6395. Bags and sand available all day at parking lot.

WET WEATHER CHECKLIST

- ☐ **Flood Insurance** Renters, homeowners and business owners can purchase flood insurance from the National Flood Insurance Program by calling 1-800-427-4661. (Normal coverage does not cover flooding.) It can take 30 to 60 days to obtain flood insurance.
- ☐ **Flood-Prone?** Check the map above to see if your home or workplace is subject to flooding. Also talk to neighbors and insurance carrier. Practice evacuating to higher ground.
- ☐ **Elderly/Disabled** Alert neighbors to any special needs that family members have due to age or disability, in case they're home alone during a flood. Provide a list with family contact numbers, doctor's name, any special medications.
- ☐ **Family Emergency Plan** Post family emergency numbers by each phone and see that all household members carry a card with these numbers in their wallet, backpack or stored in their mobile phone. Pick a "check-in contact"

Attachment

Page 10 of 15

Flood Watch actions

- ▶ MAC to determine threat levels and actions
- ▶ Update modeling; confer with National Weather Service (NWS)
- ▶ Coordinate & communicate flood risks
- ▶ Initiate Flood Watch notifications
- ▶ Begin voluntary evacuations, if required



Flood Watch actions...Cont.

- ▶ Establish temporary sandbag sites
- ▶ Deploy FITs and stream gauge monitoring teams
- ▶ Prepare to activate pumping plans and/or flood fighting measures
- ▶ Implement temporary flood protection features if required
- ▶ Update/maintain flood information website



Flood Warning actions

- ▶ MAC to determine threat levels and actions
- ▶ Monitor forecast, update modeling; confer with NWS
- ▶ Coordinate & communicate flood risks
- ▶ Initiate Flood Warning notifications
- ▶ Prepare for or carry out mandatory evacuations

FLOOD WARNING

**Flooding is happening
or will happen soon.**

**Move to high ground
immediately.**



FEMA



**Attachment 1
Page 13 of 15**

Flood Warning actions...Cont.

- ▶ Activate pumping plans or flood fighting measures
- ▶ Deploy FITs and stream gauge monitoring teams
- ▶ Stock sandbag sites
- ▶ Update/maintain flood information website

FLOOD WARNING

**Flooding is happening
or will happen soon.**

**Move to high ground
immediately.**



FEMA



**Attachment 1
Page 14 of 15**

Questions?

Santa Clara Valley
Water District

