

Approximate Scale
0 400 800 1,600 Feet

Vertical Datum: NAVD88, U.S. Feet

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance for establishing evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on maps.

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Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

■ Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 1 of 28

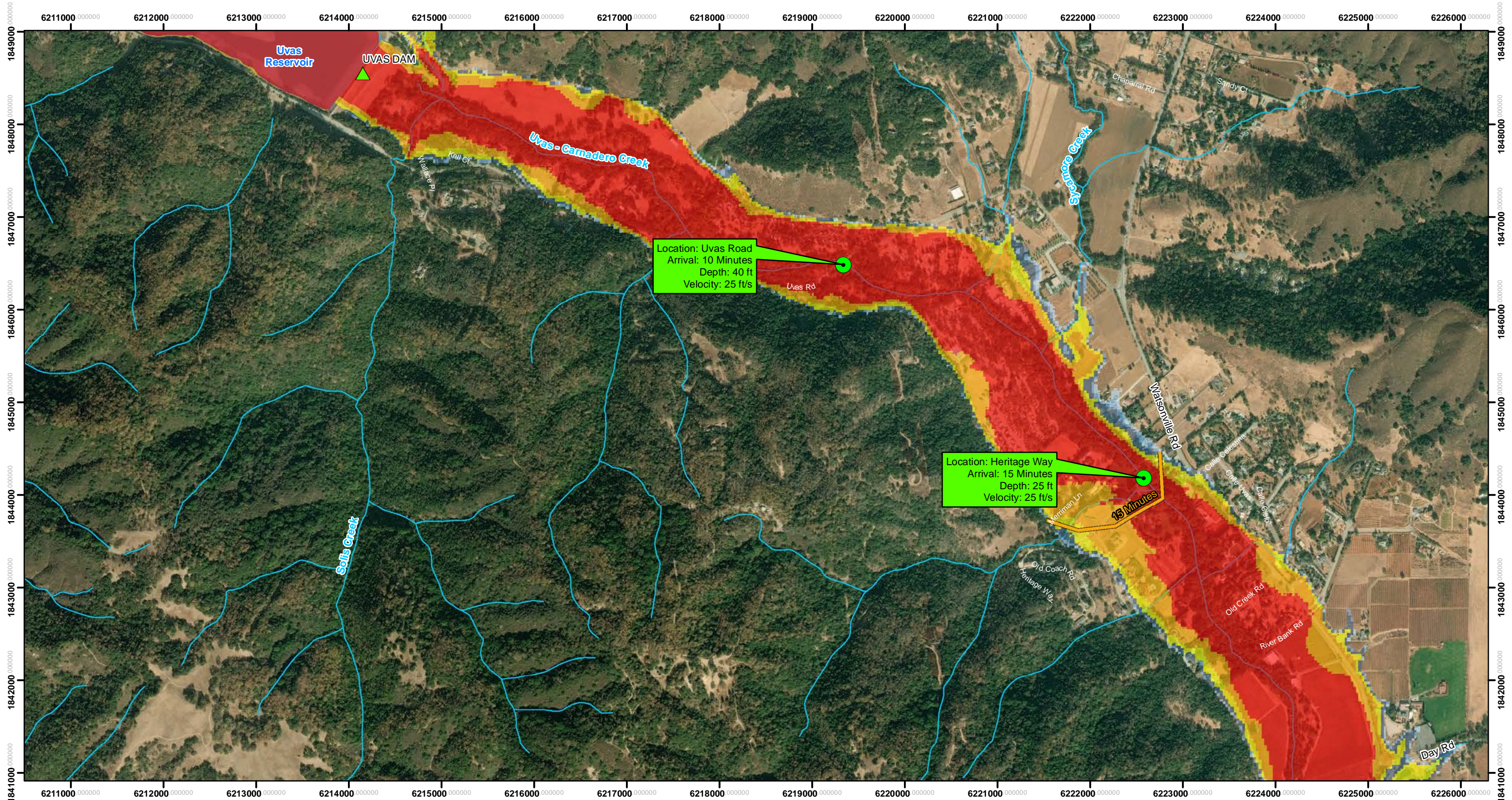
1 in = 1,000 ft

Dam Owner:
Santa Clara Valley Water District
5750 Almaden Exp
San Jose CA 95118

Inundation Analysis and maps created by SCVWD

August 2019

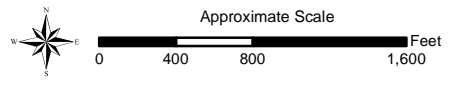
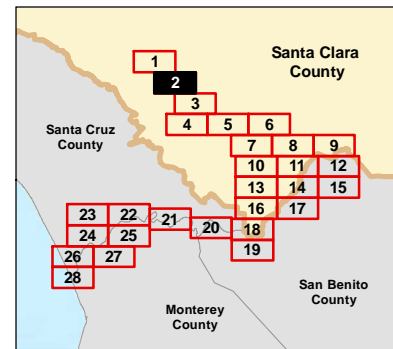
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Location: Uvas Road
 Arrival: 10 Minutes
 Depth: 40 ft
 Velocity: 25 ft/s

Location: Heritage Way
 Arrival: 15 Minutes
 Depth: 25 ft
 Velocity: 25 ft/s

15 Minutes



Vertical Datum: NAVD88, U.S. Feet

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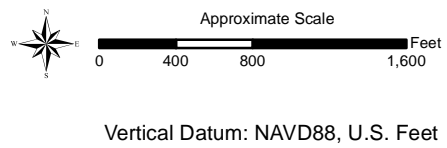
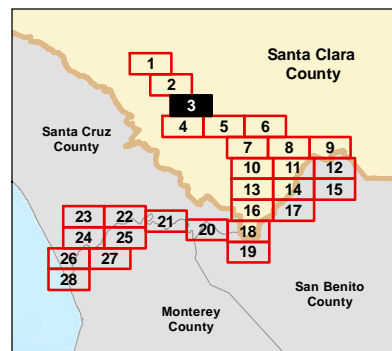
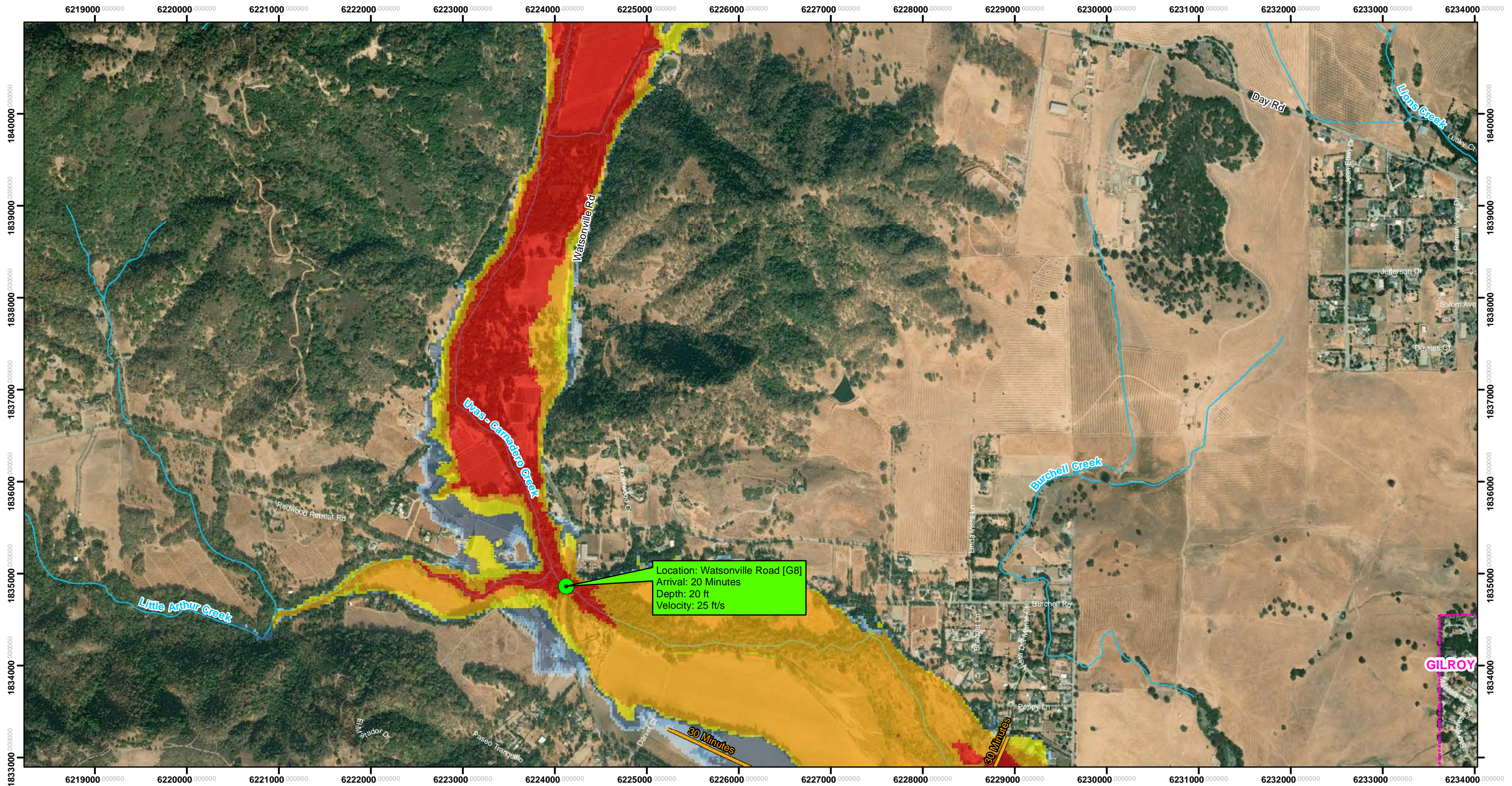
Legend

- Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time**
- Cities
- Dams
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 2 of 28
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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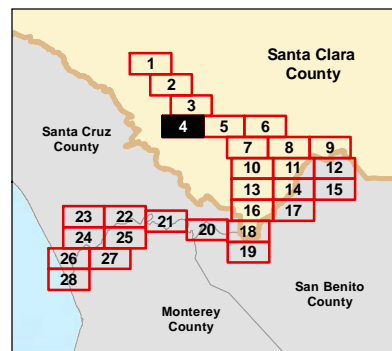
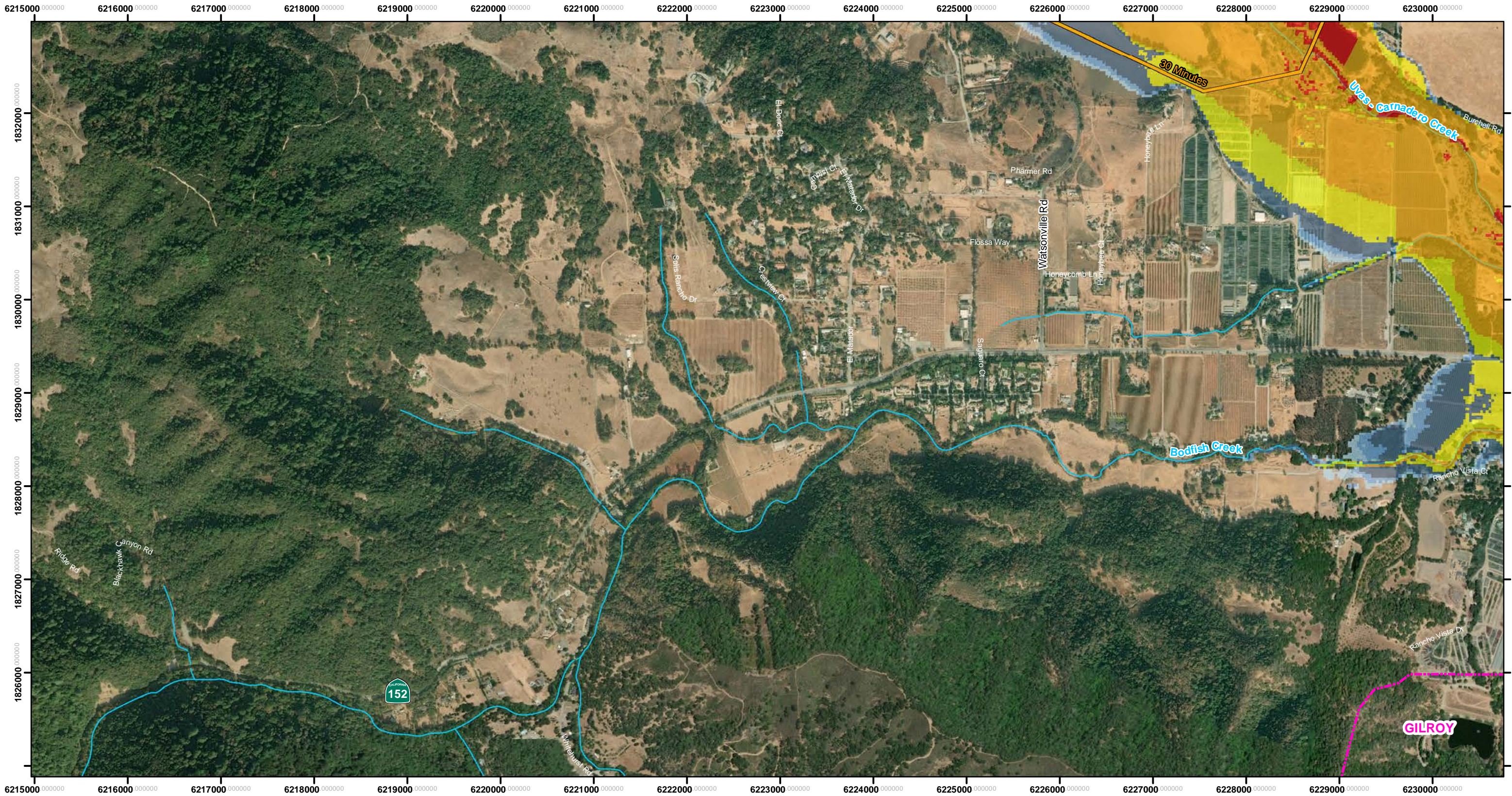
Legend

- Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time
- Cities
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 3 of 28
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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Approximate Scale
0 400 800 1,600 Feet

Vertical Datum: NAVD88, U.S. Feet

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Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

Flood Wave Arrival Time

Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 4 of 28

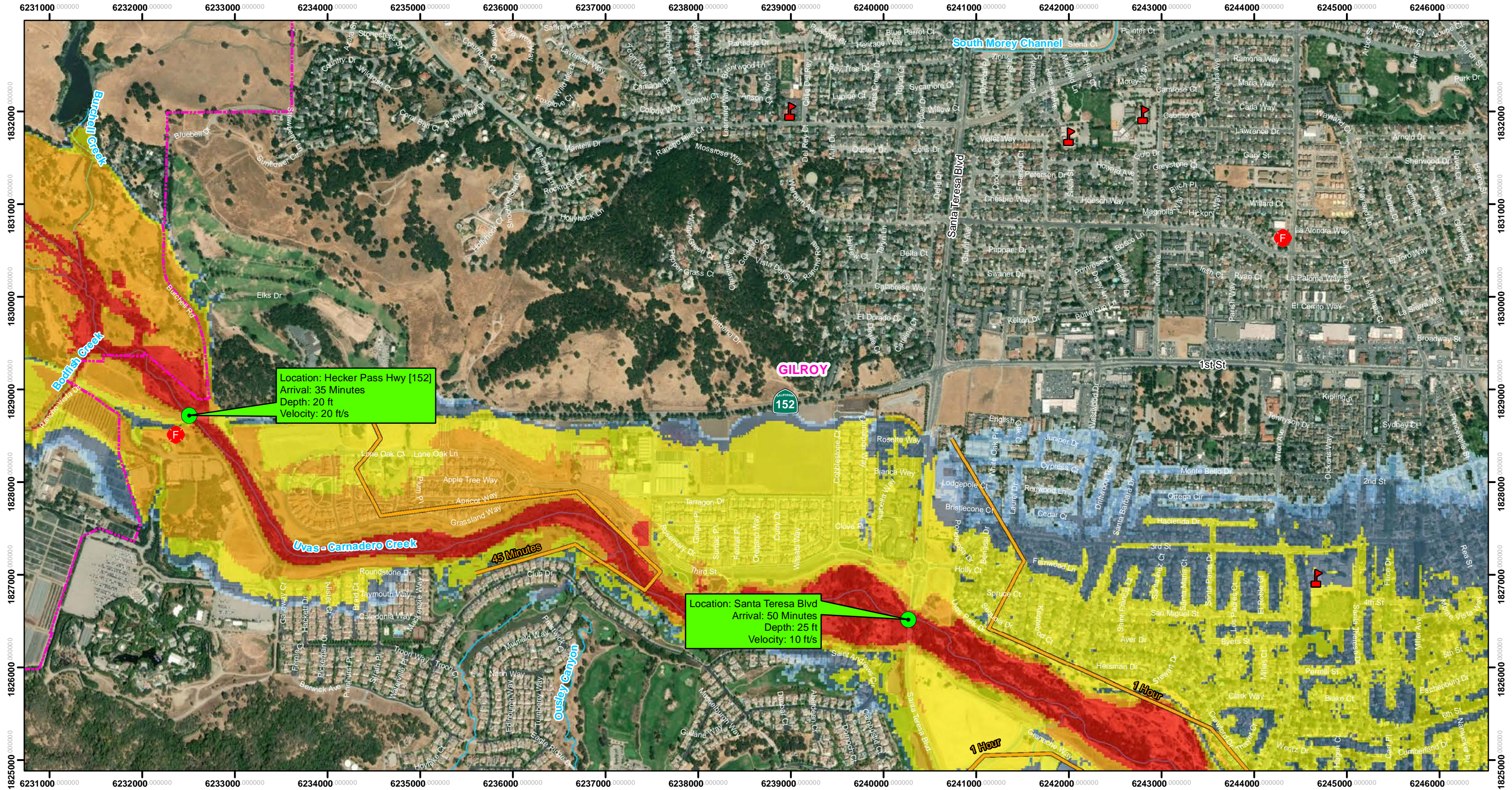
1 in = 1,000 ft

Dam Owner:
Santa Clara Valley Water District
5750 Almaden Exp
San Jose CA 95118

Inundation Analysis and maps created by SCVWD

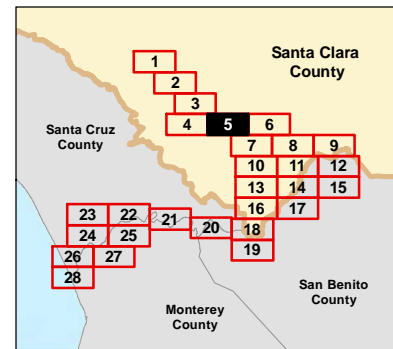
August 2019

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Location: Hecker Pass Hwy [152]
 Arrival: 35 Minutes
 Depth: 20 ft
 Velocity: 20 ft/s

Location: Santa Teresa Blvd
 Arrival: 50 Minutes
 Depth: 25 ft
 Velocity: 10 ft/s



Approximate Scale
 0 400 800 1,600 Feet

Vertical Datum: NAVD88, U.S. Feet

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- Legend**
- Maximum Inundation Depth (feet)**
- <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Flood Wave Arrival Time**
- 45 Minutes
 - 1 Hour
- Cities
 - Schools
 - Fire Stations
 - Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of Uvas Dam

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 5 of 28

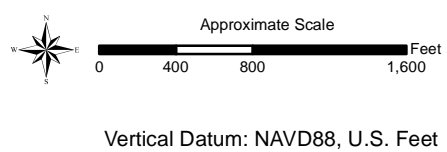
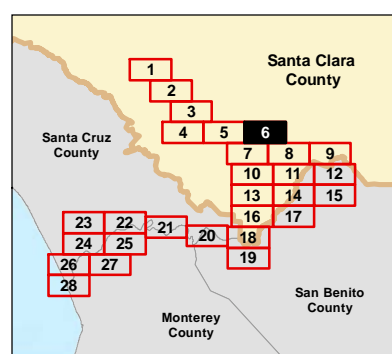
1 in = 1,000 ft

Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118

Inundation Analysis and maps created by SCVWD

August 2019

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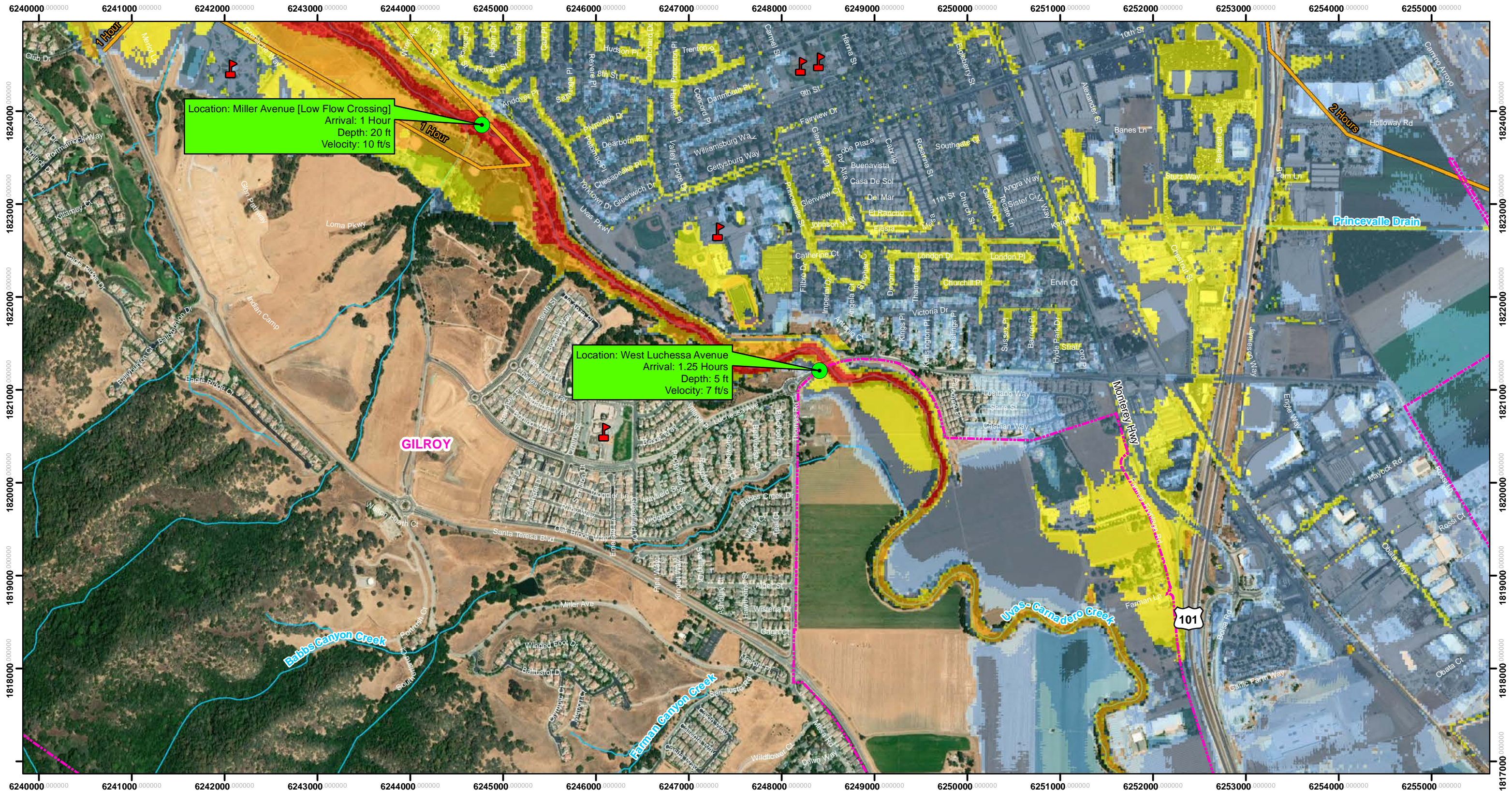
Legend

- Maximum Inundation Depth (feet)**
 - <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Flood Wave Arrival Time
- Cities
- Schools
- Hospitals
- Fire Stations

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow

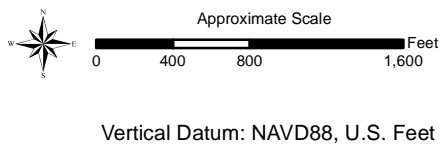
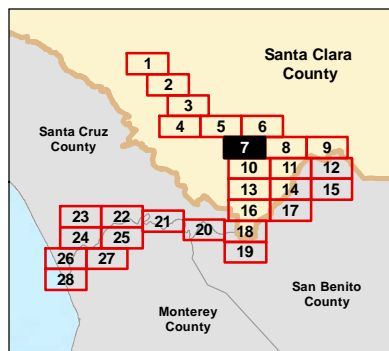


Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 6 of 28
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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 August 2019
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Location: Miller Avenue [Low Flow Crossing]
 Arrival: 1 Hour
 Depth: 20 ft
 Velocity: 10 ft/s

Location: West Luchessa Avenue
 Arrival: 1.25 Hours
 Depth: 5 ft
 Velocity: 7 ft/s



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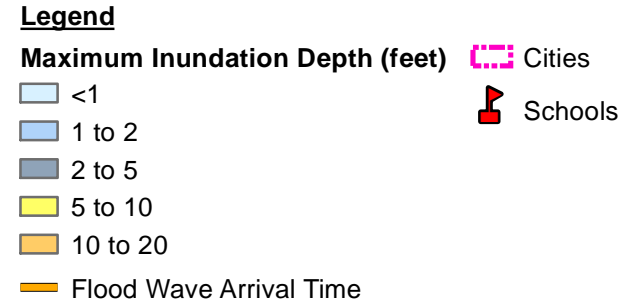
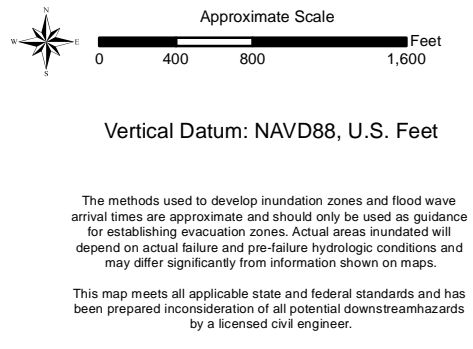
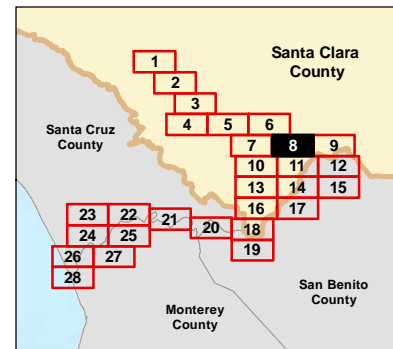
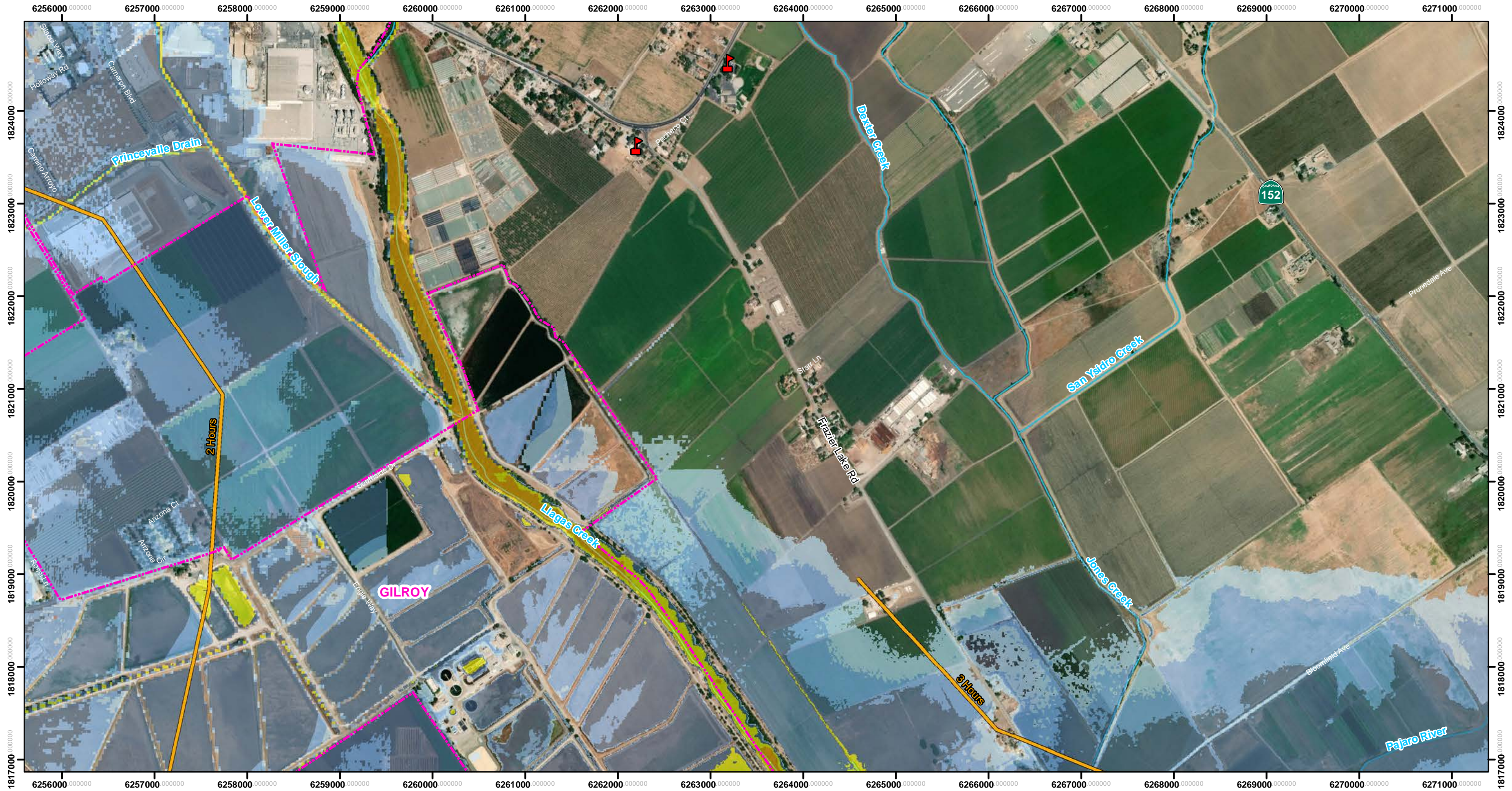
Legend

- Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time
- Cities
- Schools
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 7 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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 August 2019
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Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 8 of 28

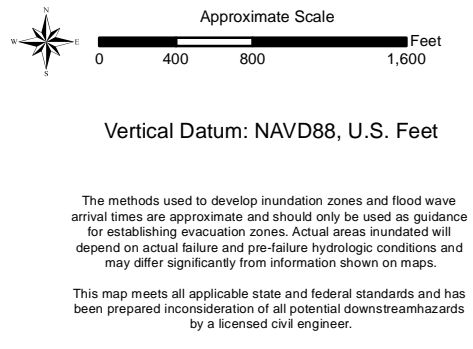
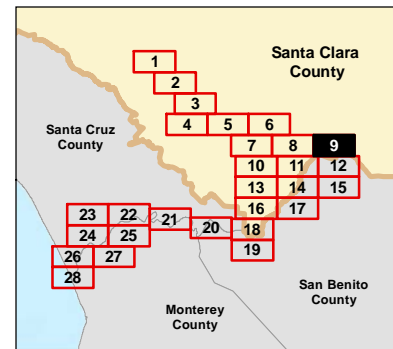
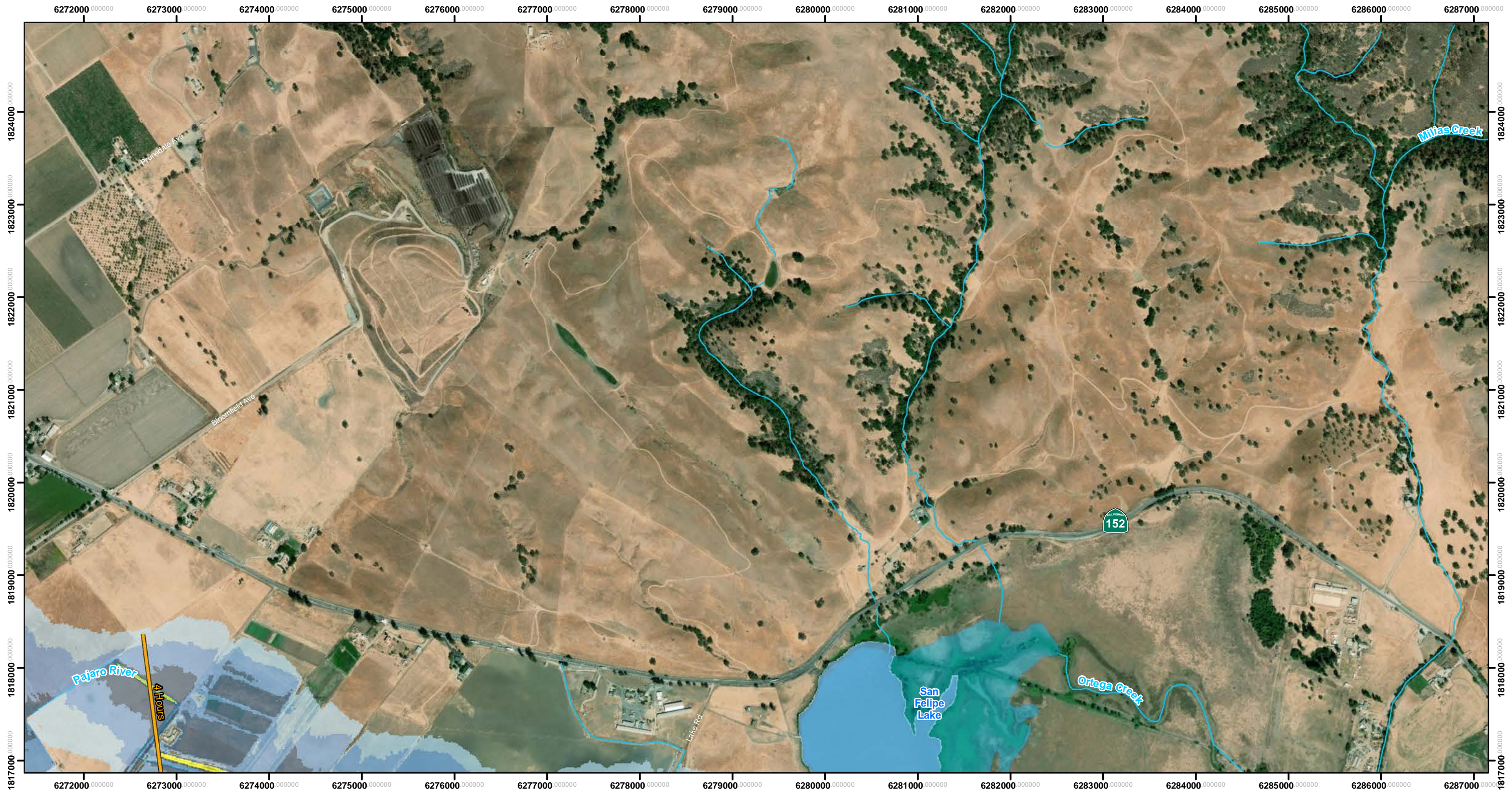
1 in = 1,000 ft

Dam Owner:
Santa Clara Valley Water District
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San Jose CA 95118

Inundation Analysis and maps created by SCVWD

August 2019

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- Legend**
- Maximum Inundation Depth (feet)
 - <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - Flood Wave Arrival Time
 - Cities

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Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 9 of 28

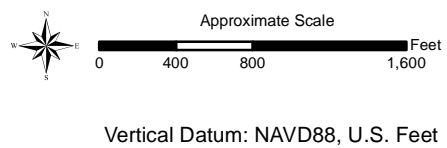
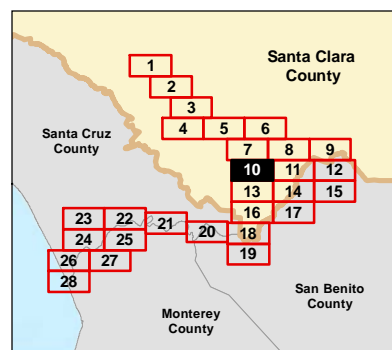
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Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- Flood Wave Arrival Time

- Cities
- Dams
- Schools
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 10 of 28

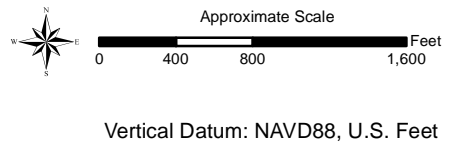
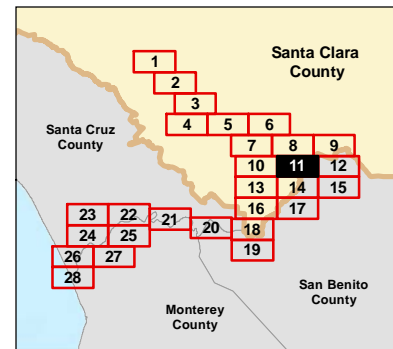
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Dam Owner:
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 San Jose CA 95118

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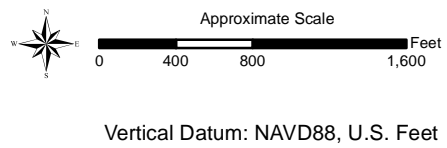
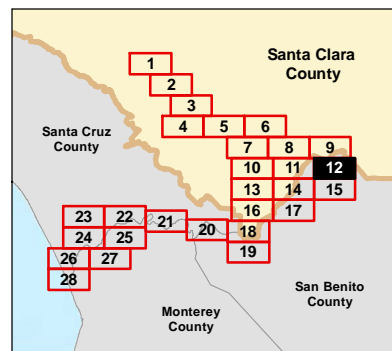
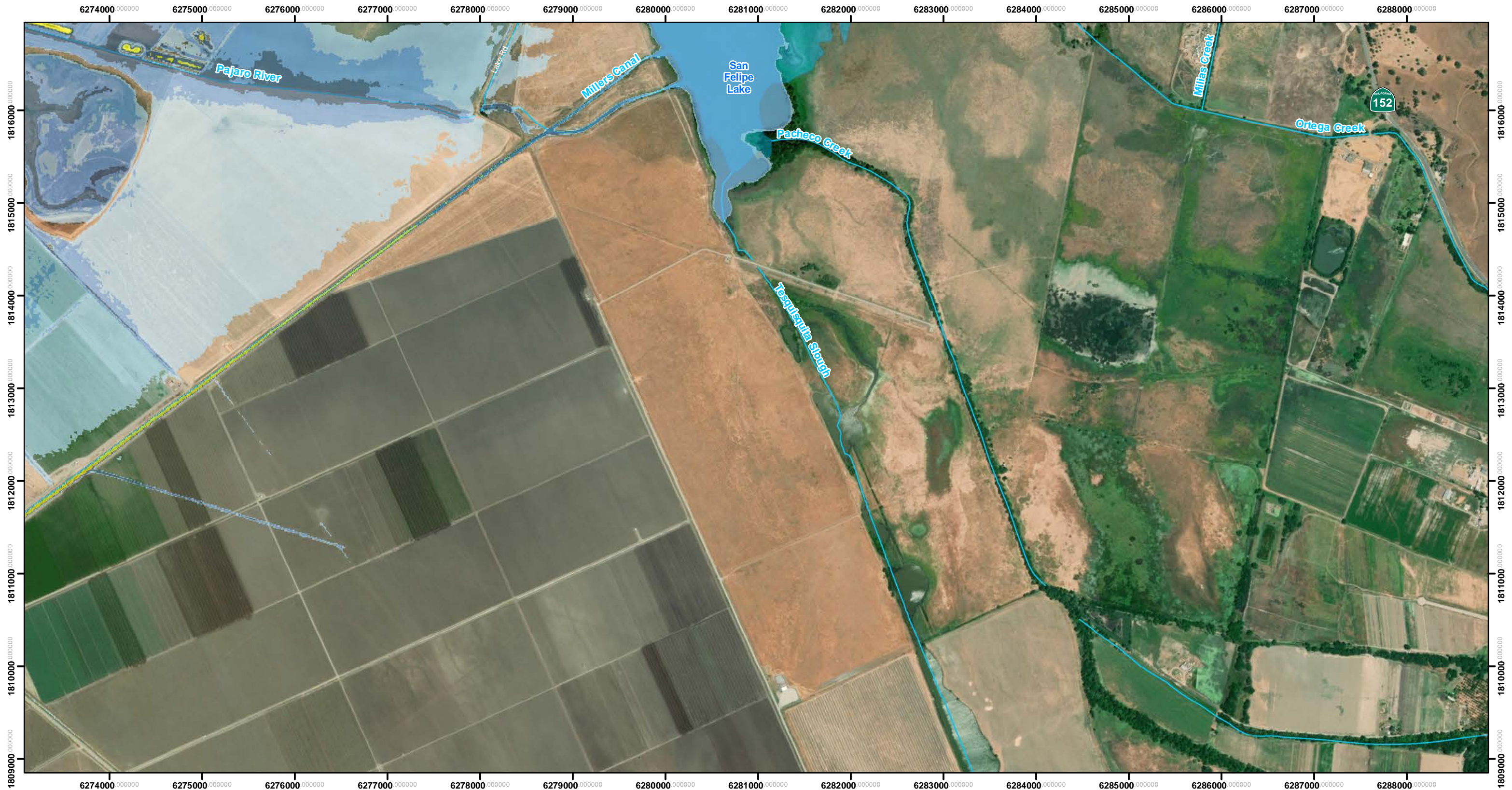
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- Legend**
- Maximum Inundation Depth (feet)**
 - <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - Flood Wave Arrival Time
 - Cities
 - Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 11 of 28
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
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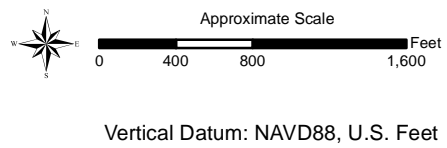
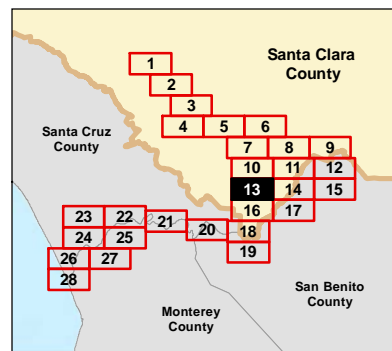
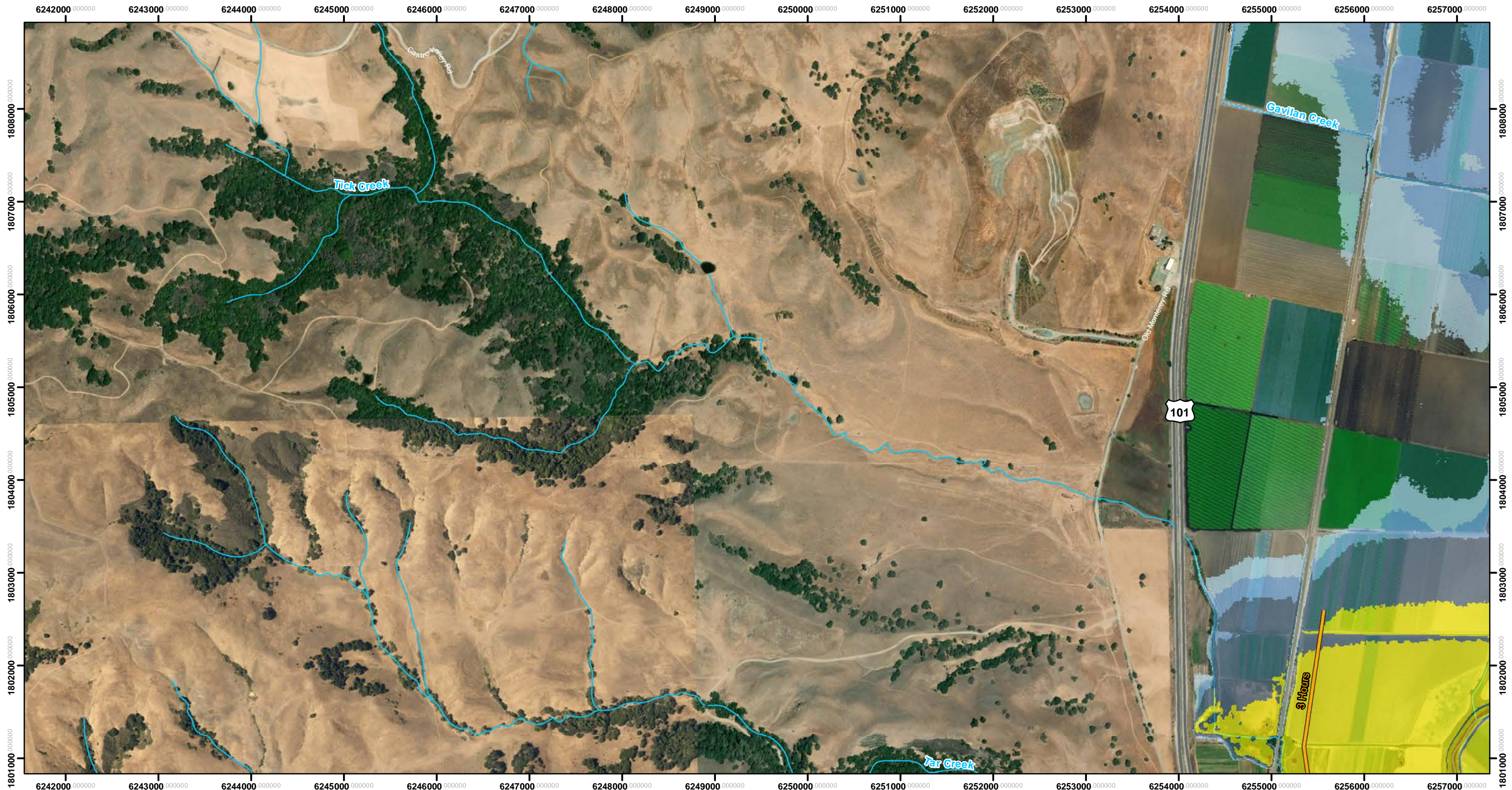
Legend

- Maximum Inundation Depth (feet)**
- <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 12 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
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 San Jose CA 95118
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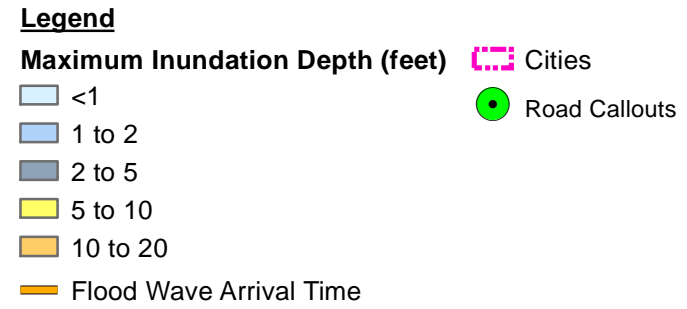
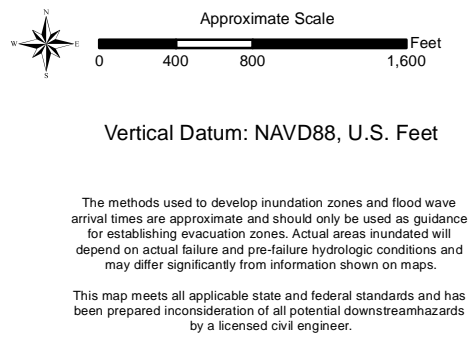
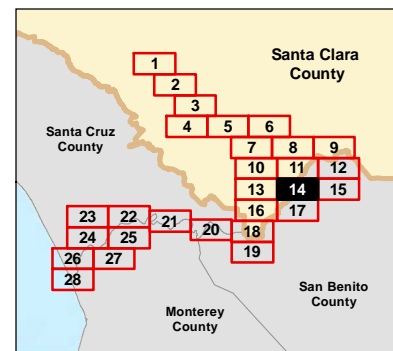
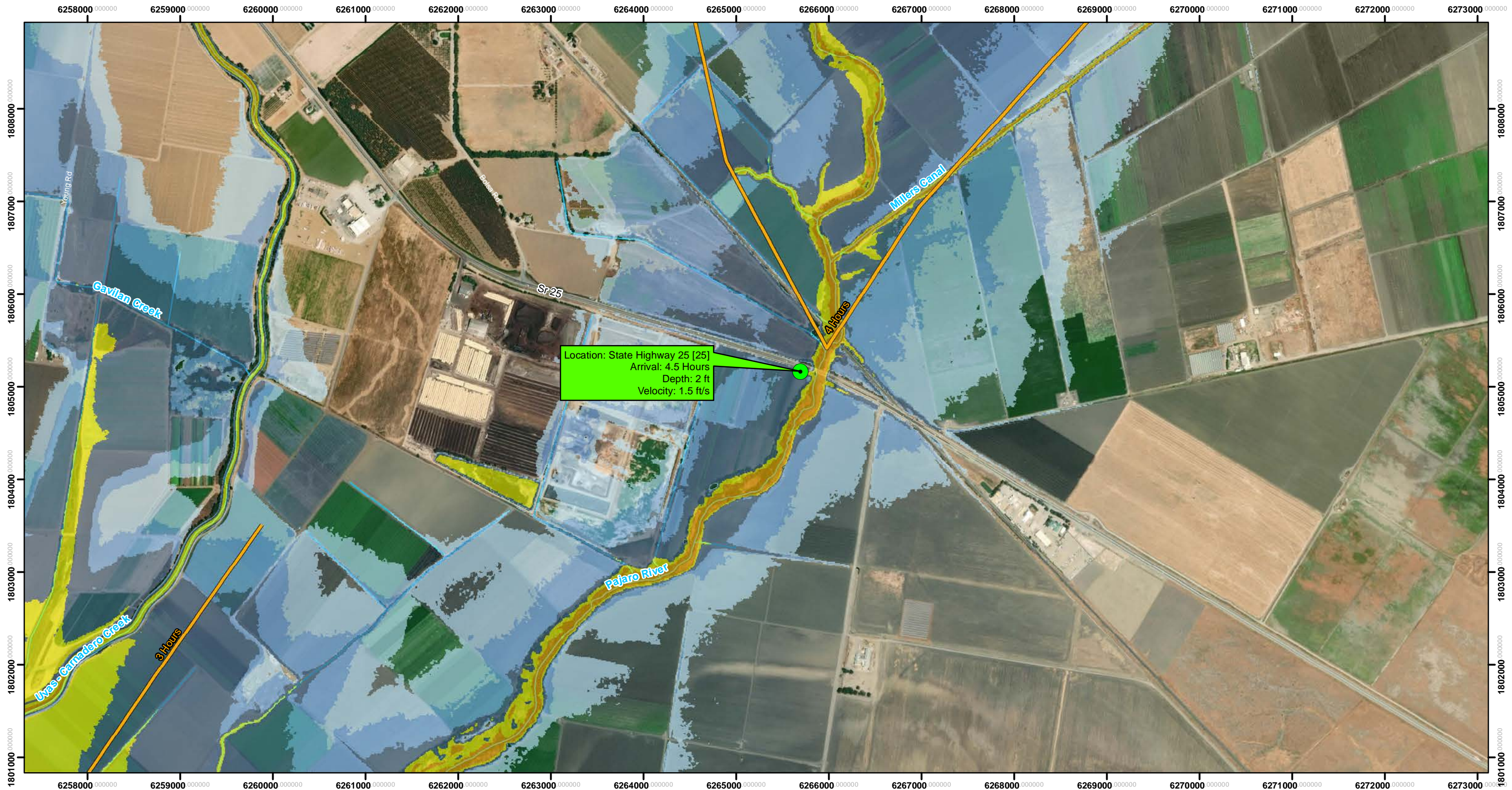
Legend

- Maximum Inundation Depth (feet)
 - <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Flood Wave Arrival Time
- Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 13 of 28
 1 in = 1,000 ft
 Dam Owner: Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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 August 2019
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Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**

Federal Dam ID: CA00294 State Dam ID: 72-009

Sheet 14 of 28

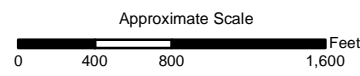
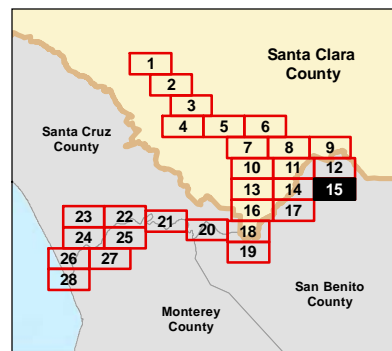
1 in = 1,000 ft

Dam Owner:
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San Jose CA 95118

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August 2019

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Vertical Datum: NAVD88, U.S. Feet

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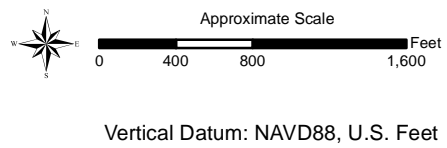
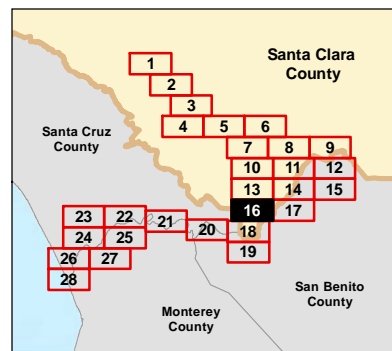
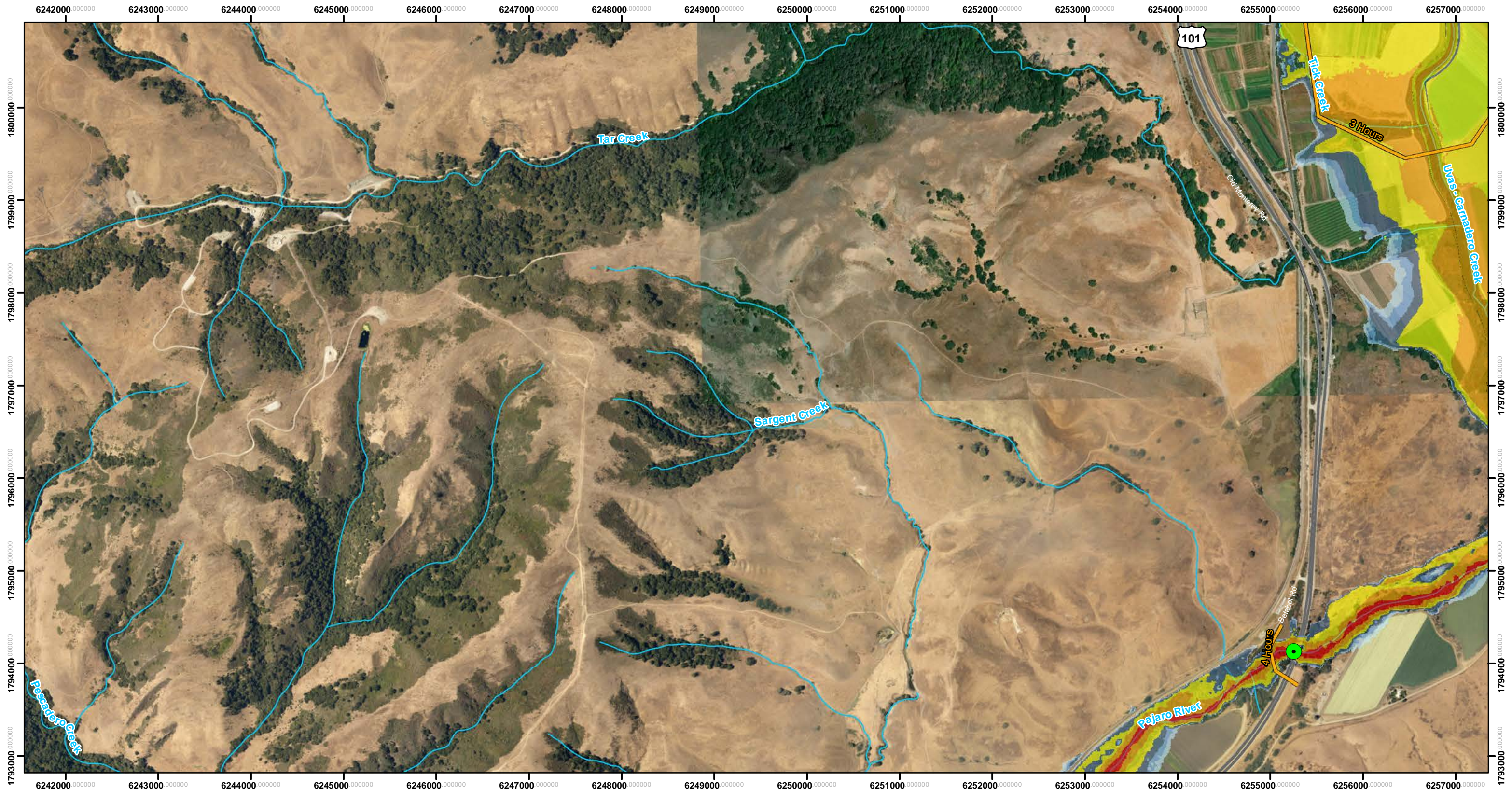
Legend

Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 15 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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Legend

Maximum Inundation Depth (feet)

- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20

Cities

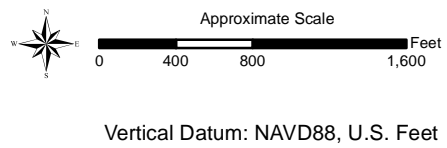
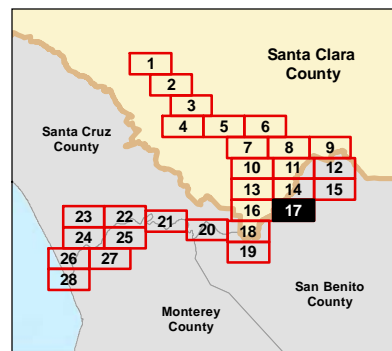
- Road Callouts

Flood Wave Arrival Time

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 16 of 28
 1 in = 1,000 ft
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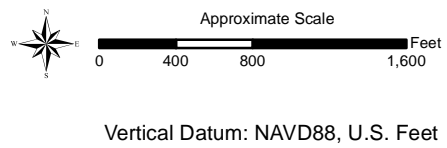
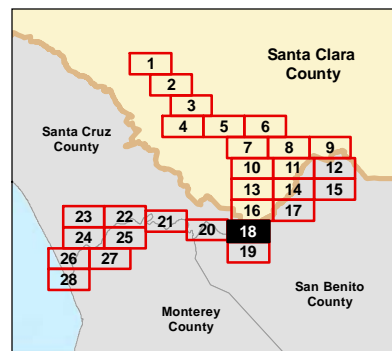
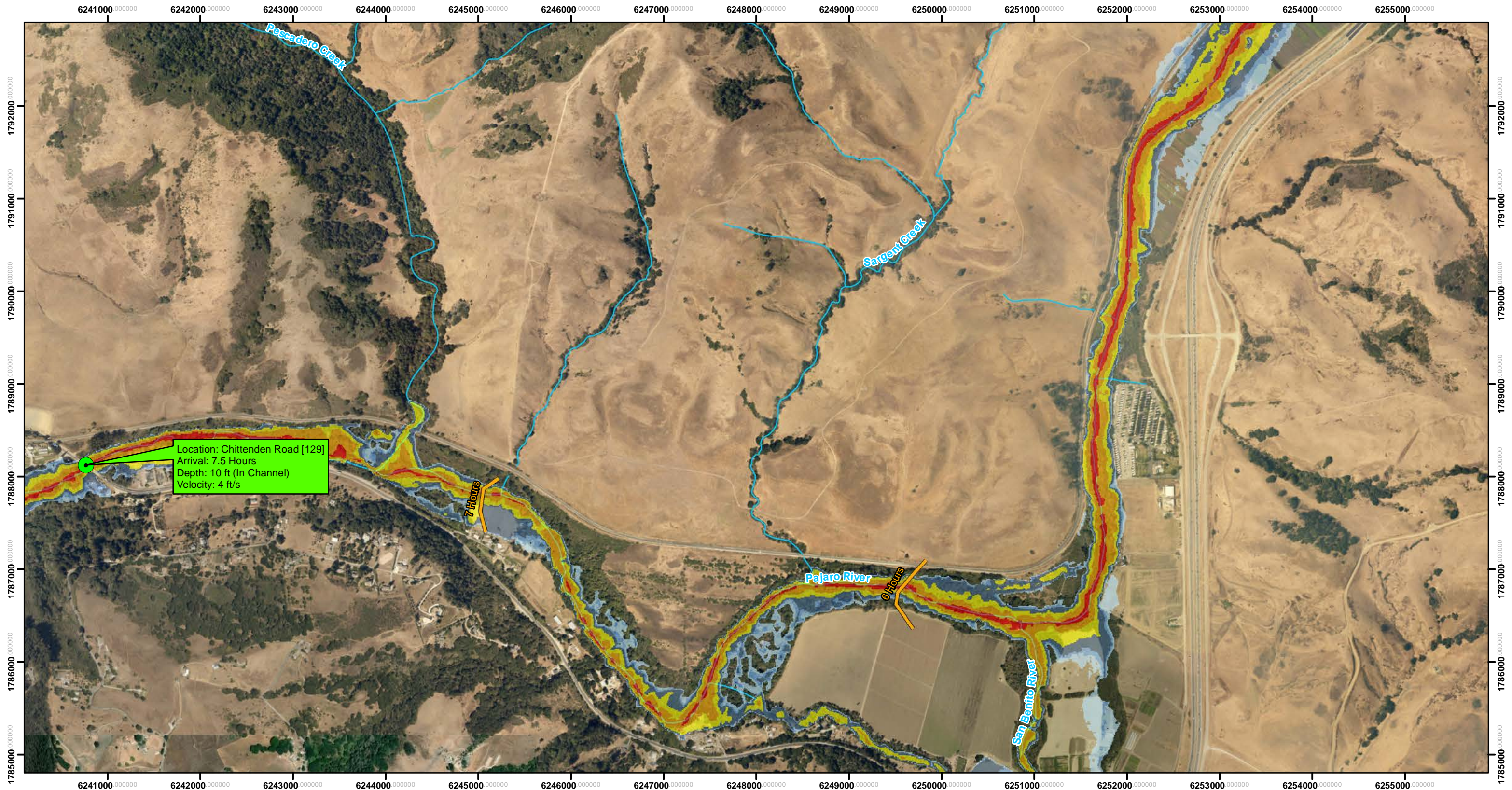
Legend

- Maximum Inundation Depth (feet)**
- <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Flood Wave Arrival Time**
- Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 17 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
 © 2019 Santa Clara Valley Water District



The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance for establishing evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on maps.

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Legend

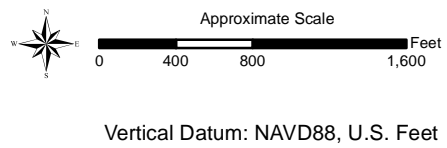
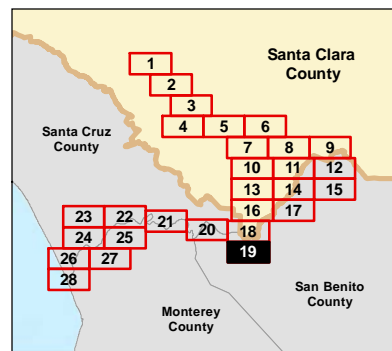
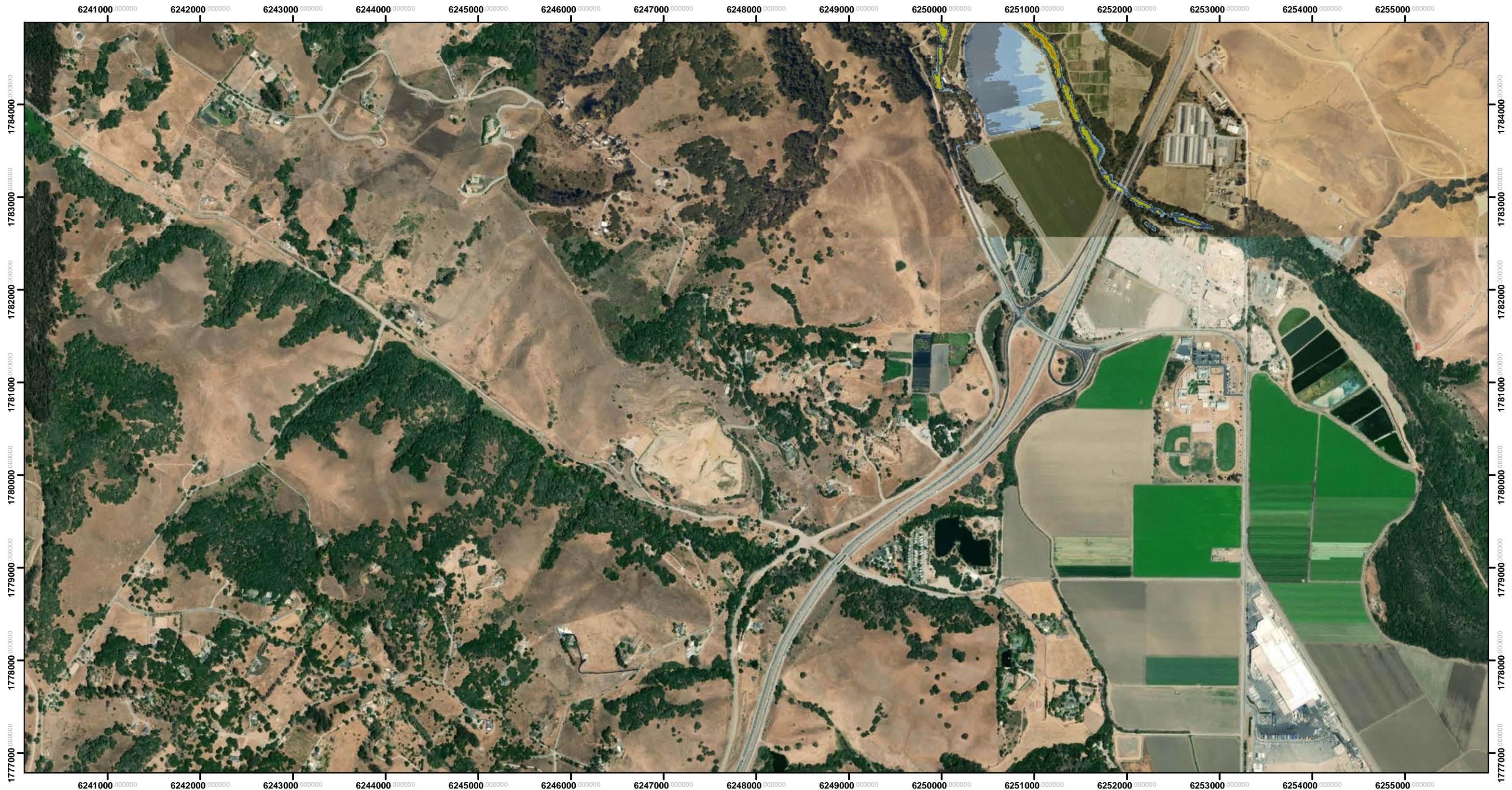
- Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- >20
- Flood Wave Arrival Time
- Cities
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the
Hypothetical Fair Weather Failure of
Uvas Dam
Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 18 of 28
1 in = 1,000 ft

Dam Owner:
Santa Clara Valley Water District
5750 Almaden Exp
San Jose CA 95118
Inundation Analysis and maps
created by SCVWD
August 2019
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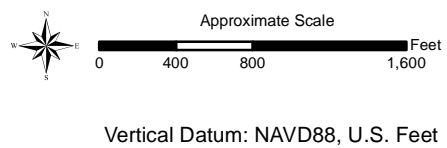
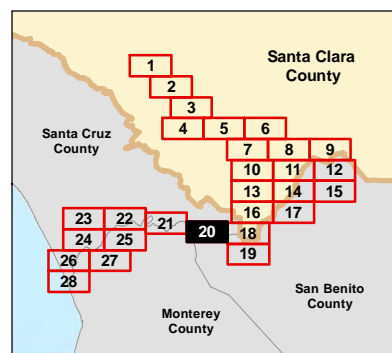
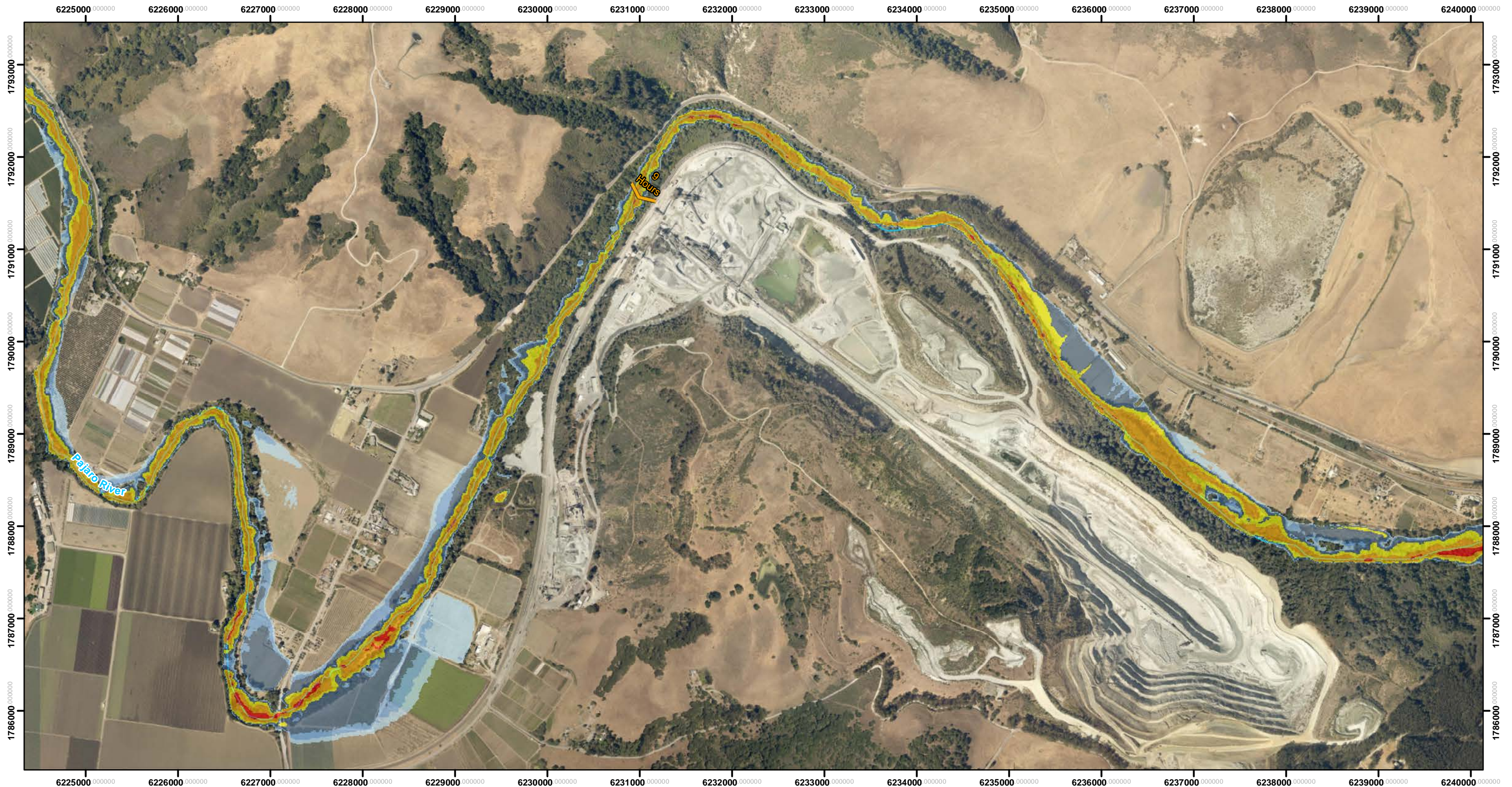
Legend

- Maximum Inundation Depth (feet)**
- <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
- Cities

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 19 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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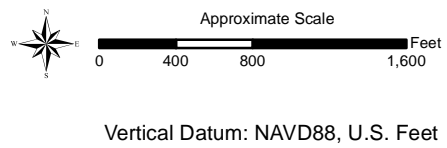
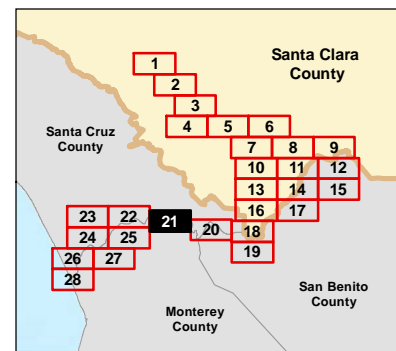
Legend

- Maximum Inundation Depth (feet)**
- <1
 - 1 to 2
 - 2 to 5
 - 5 to 10
 - 10 to 20
 - >20
- Flood Wave Arrival Time**
- Cities**

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 20 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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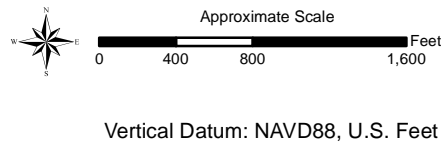
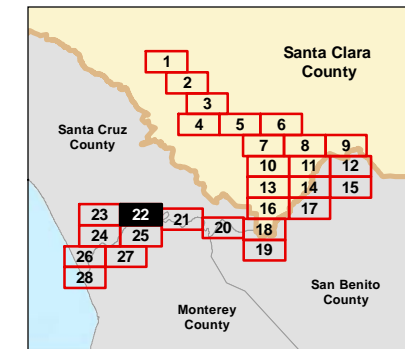
Legend

- Maximum Inundation Depth (feet)**
- <1
- 1 to 2
- 2 to 5
- 5 to 10
- 10 to 20
- Flood Wave Arrival Time
- Cities
- Road Callouts

Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 21 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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Legend
 Cities

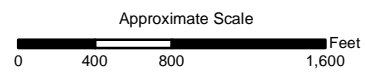
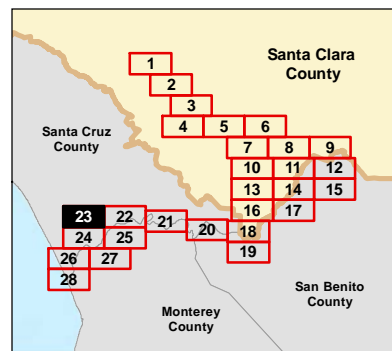
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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 22 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCWWD
 August 2019
 © 2019 Santa Clara Valley Water District



Vertical Datum: NAVD88, U.S. Feet

The methods used to develop inundation zones and flood wave arrival times are approximate and should only be used as guidance for establishing evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on maps.

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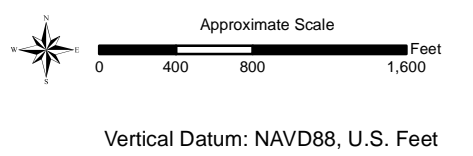
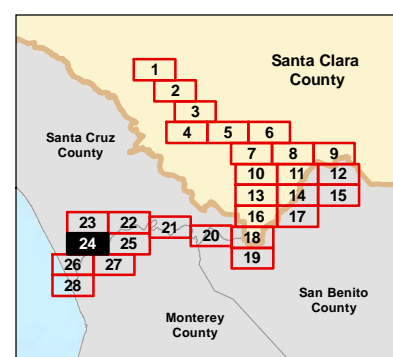
Legend



Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 23 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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Legend
 Cities

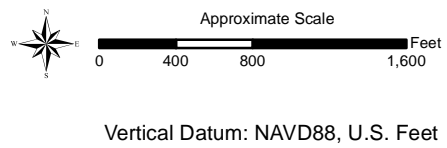
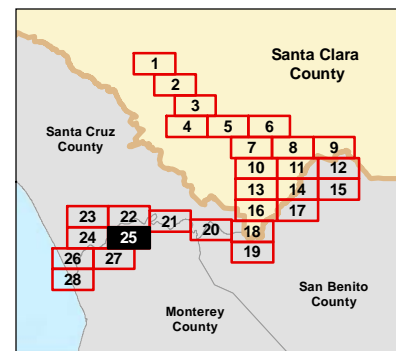
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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 24 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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Legend
 Cities

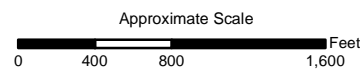
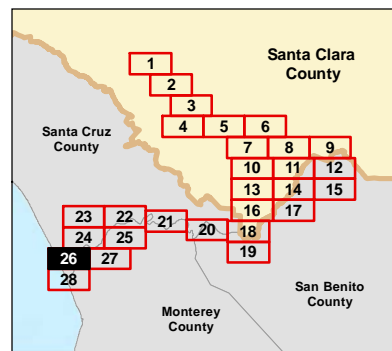
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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 25 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
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 August 2019
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Vertical Datum: NAVD88, U.S. Feet

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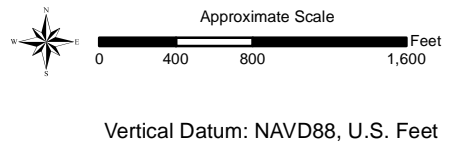
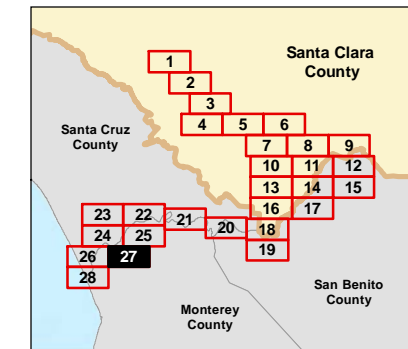
Legend



Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 26 of 28
 1 in = 1,000 ft
 Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118
 Inundation Analysis and maps created by SCVWD
 August 2019
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Legend
 Cities

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Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow

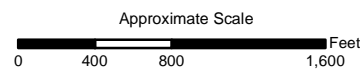
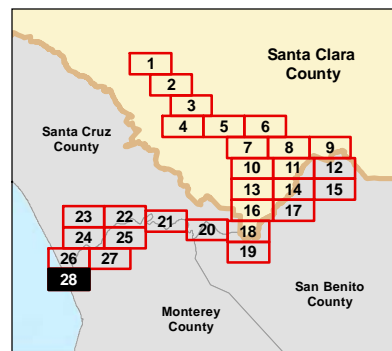


Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 27 of 28
 1 in = 1,000 ft

Dam Owner:
 Santa Clara Valley Water District
 5750 Almaden Exp
 San Jose CA 95118

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August 2019
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Vertical Datum: NAVD88, U.S. Feet

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Legend



Fair Weather (FW) failure assumes a dam failure at full capacity at the spillway lip without any additional inflow



Inundation Map for the Hypothetical Fair Weather Failure of **Uvas Dam**
 Federal Dam ID: CA00294 State Dam ID: 72-009
Sheet 28 of 28
 1 in = 1,000 ft
 Dam Owner:
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 5750 Almaden Exp
 San Jose CA 95118
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 August 2019
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