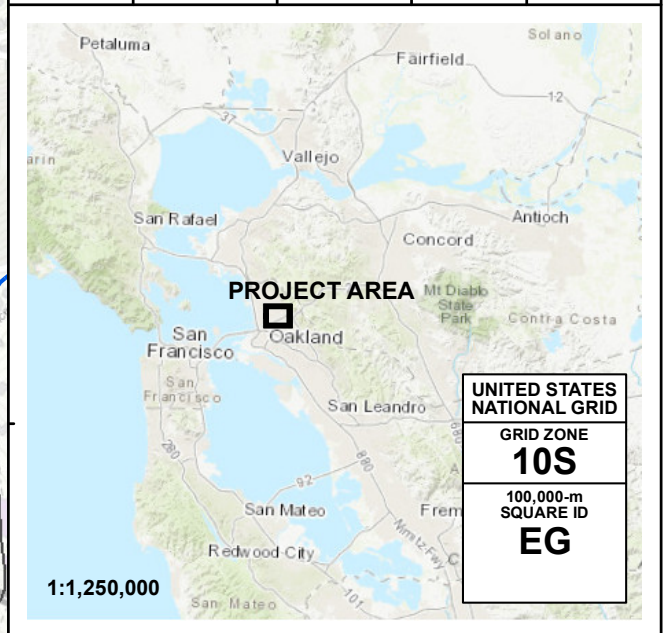


EBMUD INUNDATION MAP FOR HYPOTHETICAL FAILURE OF
CLAREMONT DAM (NW AND SW BREACH)
 ALAMEDA COUNTY, CA

SCENARIO: SUNNY DAY	PREP. DATE: JUN 2021	SHEET NO.: INDEX	DWR DAM NO.: N/A	NATIONAL DAM ID NO.: N/A
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LEGEND

ARRIVAL TIME (MIN) FOR 1 FOOT OF WATER	MAXIMUM DEPTH (FEET)
STREAM CENTERLINE	1 - 1.5
DAM	1.5 - 2
MAP BOOK GRID	2 - 2.5
CITY BOUNDARY	2.5 - 3
	3 - 3.5
	> 3.5

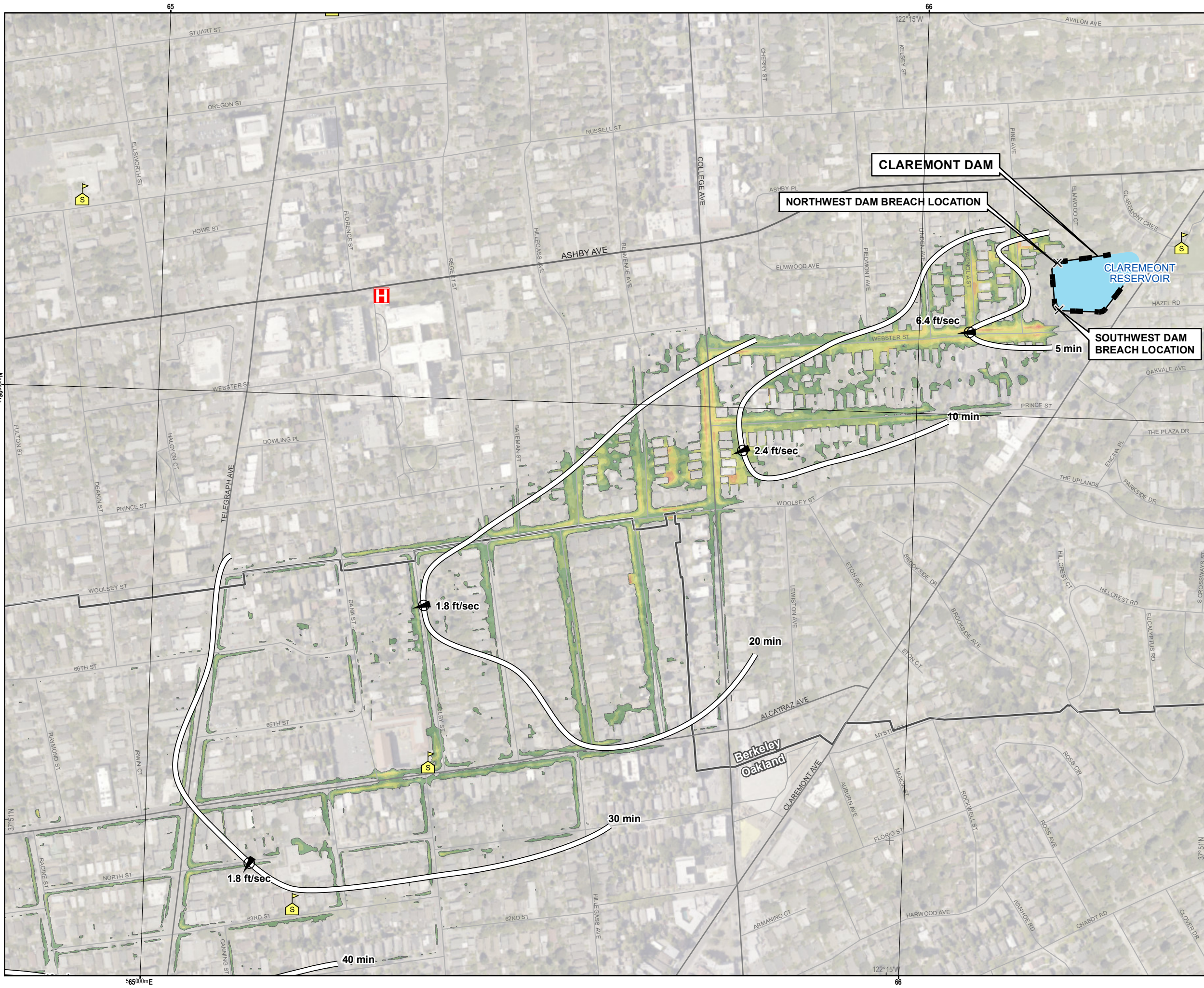
NOTES:

- The information shown on the inundation map is approximate and should only be used as a guideline for emergency response and preparation purposes. It does not represent the integrity or safety of Claremont Dam.
- The dam breach analysis was performed January 6, 2021 using the program HEC-RAS, Version 5.0.7. Elevations in the study reference NAVD88.
- Maximum velocity depends on factors such as ground slope and roughness, and therefore varies.
- Security-sensitive infrastructure may not be shown on this map.

MAP PROJECTION:
 California Teale Albers (feet), NAD83

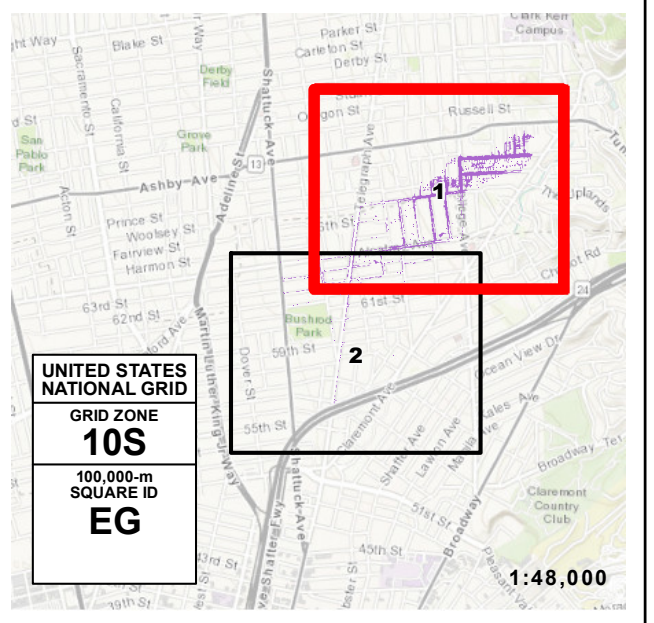
SCALE IN FEET (1 INCH=1,000 FEET)
 0 500 1,000 1,500

REFERENCE:
 GRID OVERLAY, United States National Grid (meters), NAD83
 GRATICULE, Geographic Coordinate System, NAD83 (DDM)



EBMUD INUNDATION MAP FOR HYPOTHETICAL FAILURE OF
CLAREMONT DAM
 (NW AND SW BREACH)
 ALAMEDA COUNTY, CA

SCENARIO: SUNNY DAY	PREP. DATE: JUN 2021	SHEET NO.: 1 OF 2	DWR DAM NO.: N/A	NATIONAL DAM ID NO.: N/A
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FLOOD WAVE MAXIMUM DEPTH (FEET)

1 - 1.5
1.5 - 2
2 - 2.5
2.5 - 3
3 - 3.5
> 3.5

LEGEND:

- SCHOOLS (Yellow flag icon)
- HOSPITALS (Red 'H' icon)
- ARRIVAL TIME (MIN) FOR 1 FT OF WATER (White line with arrow)
- MAXIMUM VELOCITY AND DIRECTION AT SELECTED LOCATION (Black arrow icon)
- CITY LIMITS (Black outline)

NOTES:

- The information shown on the inundation map is approximate and should only be used as a guideline for emergency response and preparation purposes. It does not represent the integrity or safety of Claremont Dam.
- The dam breach analysis was performed January 6, 2021 using the program HEC-RAS, Version 5.0.7. Elevations in the study reference NAVD88.
- The SW and NW breach locations were simulated as independent scenarios in HEC-RAS. Within areas of overlapping downstream impact, mapping results reflect the maximum values between the simulated breach scenarios.
- Maximum velocity depends on factors such as ground slope and roughness, and therefore varies.
- Security-sensitive infrastructure may not be shown on this map.

MAP PROJECTION:
California Teale Albers (feet), NAD83

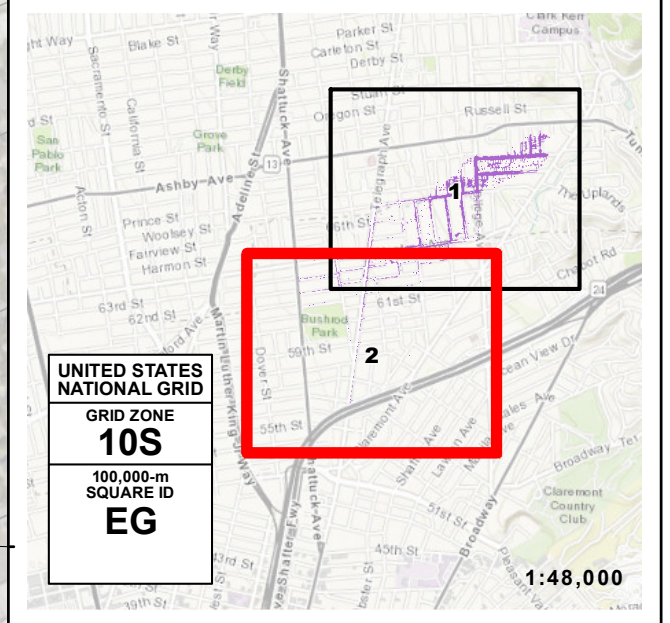
SCALE IN FEET (1 INCH=400 FEET)

REFERENCE:
GRID OVERLAY, United States National Grid (meters), NAD83
GRATICULE, Geographic Coordinate System, NAD83 (DDM)



EBMUD INUNDATION MAP FOR HYPOTHETICAL FAILURE OF
CLAREMONT DAM
 (NW AND SW BREACH)
 ALAMEDA COUNTY, CA

SCENARIO: SUNNY DAY	PREP. DATE: JUN 2021	SHEET NO.: 2 OF 2	DWR DAM NO.: N/A	NATIONAL DAM ID NO.: N/A
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UNITED STATES NATIONAL GRID
 GRID ZONE
10S
 100,000-m SQUARE ID
EG

FLOOD WAVE

MAXIMUM DEPTH (FEET)

- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- 3 - 3.5
- > 3.5

ARRIVAL TIME (MIN) FOR 1 FT OF WATER

MAXIMUM VELOCITY AND DIRECTION AT SELECTED LOCATION

CITY LIMITS

SCHOOLS

NOTES:

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- The dam breach analysis was performed January 6, 2021 using the program HEC-RAS, Version 5.0.7. Elevations in the study reference NAVD88.
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- Maximum velocity depends on factors such as ground slope and roughness, and therefore varies.
- Security-sensitive infrastructure may not be shown on this map.

MAP PROJECTION:
 California Teale Albers (feet), NAD83

SCALE IN FEET (1 INCH=400 FEET)

0 200 400 600

REFERENCE:
 GRID OVERLAY, United States National Grid (meters), NAD83
 GRATICULE, Geographic Coordinate System, NAD83 (DDM)