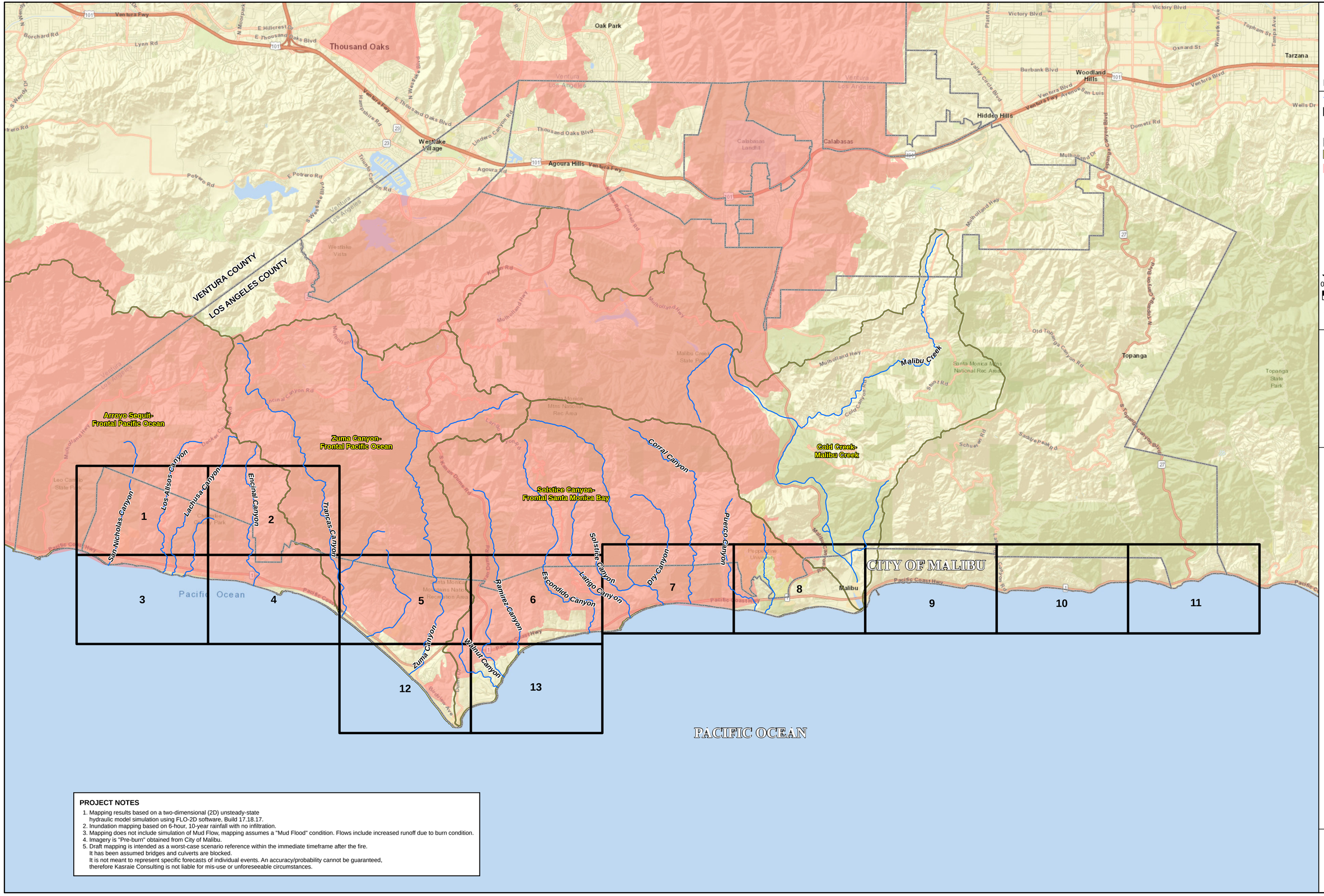

PROJECT NOTES

1. Mapping results based on a two-dimensional (2D) unsteady-state hydraulic model simulation using FLO-2D software, Build 17.18.17.
2. Inundation mapping based on 6-hour, 10-year rainfall with no infiltration.
3. Mapping does not include simulation of Mud Flow, mapping assumes a "Mud Flood" condition. Flows include increased runoff due to burn condition.
4. Imagery is "Pre-burn" obtained from City of Malibu.
5. Draft mapping is intended as a worst-case scenario reference within the immediate timeframe after the fire.
   It has been assumed bridges and culverts are blocked.
   It is not meant to represent specific forecasts of individual events. An accuracy/probability cannot be guaranteed, therefore Kasraie Consulting is not liable for mis-use or unforeseeable circumstances.

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W E
S

Legend

- Streams
- Map Sheets (36x22) 4800
- Map Sheets (36x22) 3600
- Corporate Boundaries
- Watershed (HUC 12)
- Approximate Woolsey Fire Burn Area

JANUARY 10, 2018

0 2,000 4,000 6,000 Feet

1 inch equals 4,000 feet

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RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

INDEX

N

W E

S

Legend

- Damaged Buildings
- Buildings
- Corporate Boundaries
- FEMA 100 Year Floodplain

10-Year Depth x Velocity (ft^2/sec)

Flood Severity Category

- Lowest Risk: 0 - 0.2
- Low: 0.2 - 2.2
- Moderate: 2.2 - 5.4
- High: > 5.4

JANUARY 10, 2019

0 200 400 600 Feet

1 inch equals 400 feet

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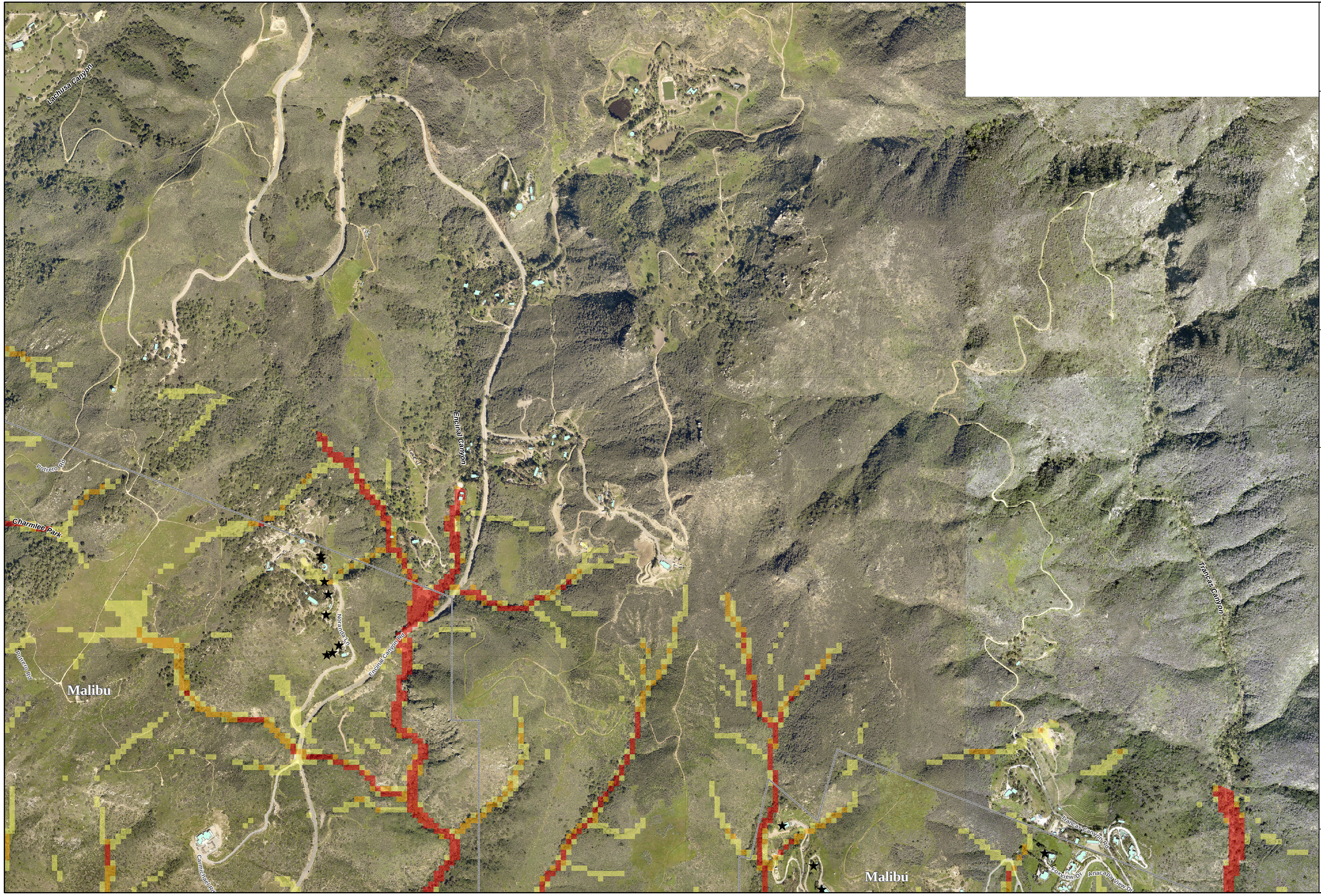
RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

1 of 13



N

W E

S

Legend

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CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

2 of 13

N
W E
S

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- Buildings
- Corporate Boundaries
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KASRAIE CONSULTING

RISK AND VULNERABILITY MAP
POST FIRE 10-YEAR RAINFALL
CITY OF MALIBU

INUNDATION MAP SHEET

3 of 13

Legend

- Damaged Buildings
- Buildings
- Corporate Boundaries
- FEMA 100 Year Floodplain

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CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP
POST FIRE 10-YEAR RAINFALL
CITY OF MALIBU

INUNDATION MAP SHEET

4 of 13

N

W E

S

Legend

- Damaged Buildings
- Buildings
- Corporate Boundaries
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CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

5 of 13

N

W E

S

Legend

- Damaged Buildings
- Buildings
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CITY OF MALIBU

KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

6 of 13

N
W E
S

Legend

- Damaged Buildings
- Buildings
- Corporate Boundaries
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KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

7 of 13

N

W E

S

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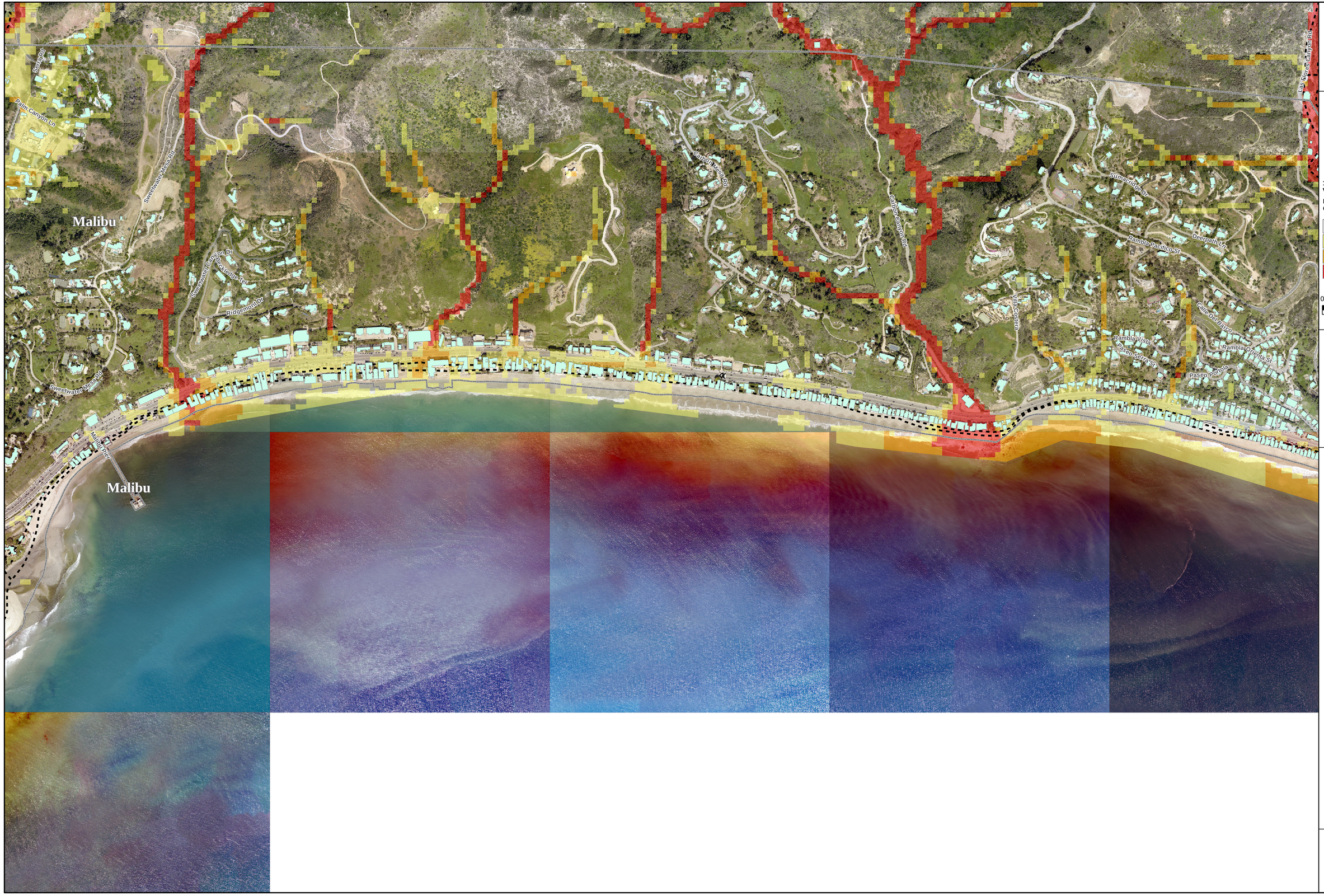
8 of 13



N
W E
S

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RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

9 of 13

N
W E
S

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INUNDATION MAP SHEET

10 of 13

N
W E
S

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KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

11 of 13

N
W E
S

Legend

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KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

12 of 13

N

W E

S

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KASRAIE CONSULTING

RISK AND VULNERABILITY MAP POST FIRE 10-YEAR RAINFALL CITY OF MALIBU

INUNDATION MAP SHEET

13 of 13